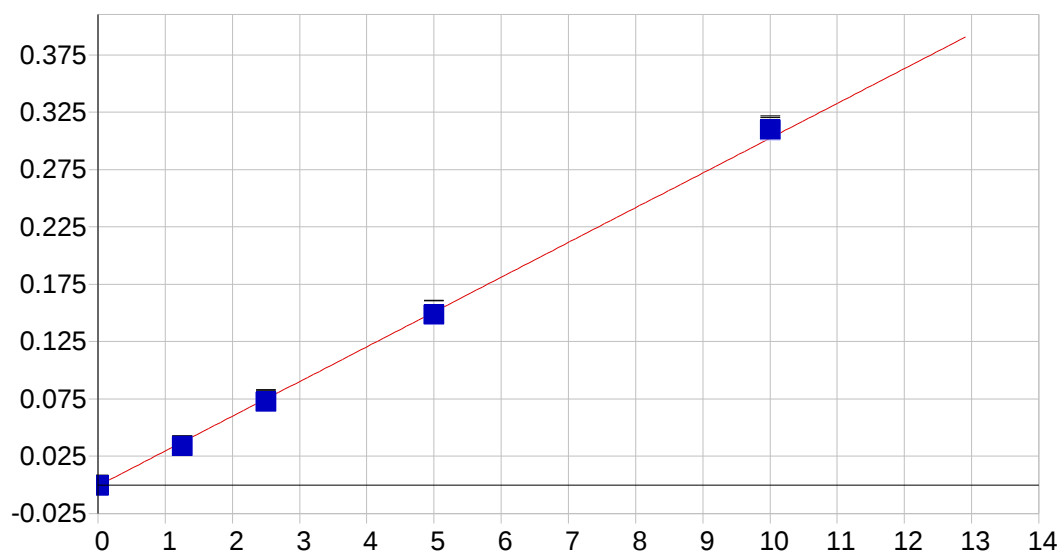


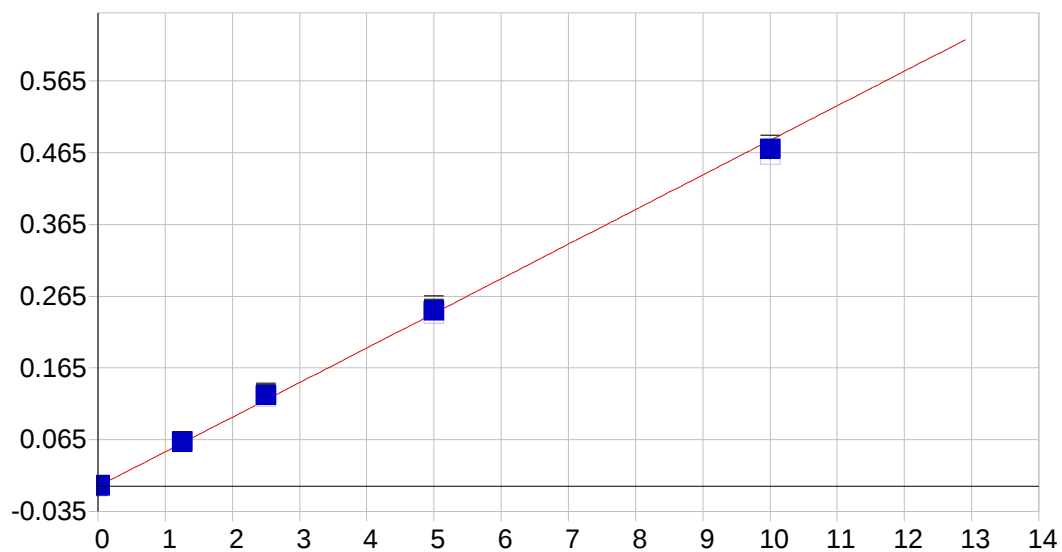


As 189.042 {479}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000720 Re-Slope: 1.000000  
 A1 (Gain): 0.030315 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999501 Status: OK.  
 Std Error of Est: 0.000016  
 Predicted MDL: 0.009702  
 Predicted MQL: 0.032342

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00072 | .000    | 1        |
| S1        | .01000       | .00941      | -.001      | -5.93   | -.00043 | .000    | 1        |
| S2        | 1.2500       | 1.1442      | -.106      | -8.46   | .03382  | .000    | 1        |
| S3        | 2.5000       | 2.4258      | -.074      | -2.97   | .07252  | .002    | 1        |
| S4        | 5.0000       | 4.9282      | -.072      | -1.44   | .14809  | .004    | 1        |
| S5        | 10.000       | 10.252      | .252       | 2.52    | .30890  | .003    | 1        |

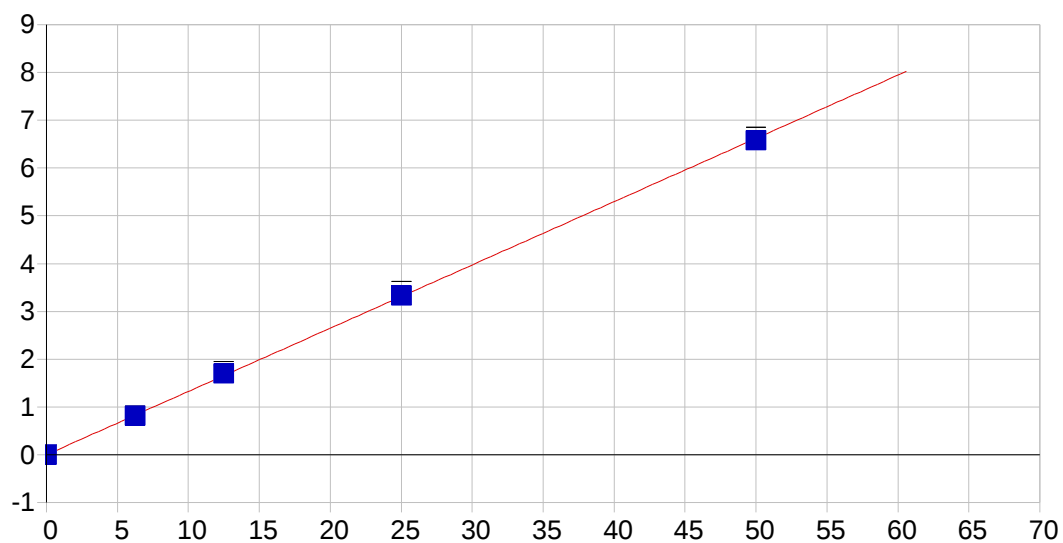


TI 190.856 {477}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000031 Re-Slope: 1.000000  
 A1 (Gain): 0.048231 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999566 Status: OK.  
 Std Error of Est: 0.000037  
 Predicted MDL: 0.005095  
 Predicted MQL: 0.016985

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00003 | .000    | 1        |
| S1        | .02500       | .02587      | .001       | 3.48    | .00111  | .000    | 1        |
| S2        | 1.2500       | 1.2876      | .038       | 3.01    | .06098  | .000    | 1        |
| S3        | 2.5000       | 2.6371      | .137       | 5.48    | .12497  | .003    | 1        |
| S4        | 5.0000       | 5.0706      | .071       | 1.41    | .24015  | .007    | 1        |
| S5        | 10.000       | 9.7540      | -.246      | -2.46   | .46165  | .006    | 1        |

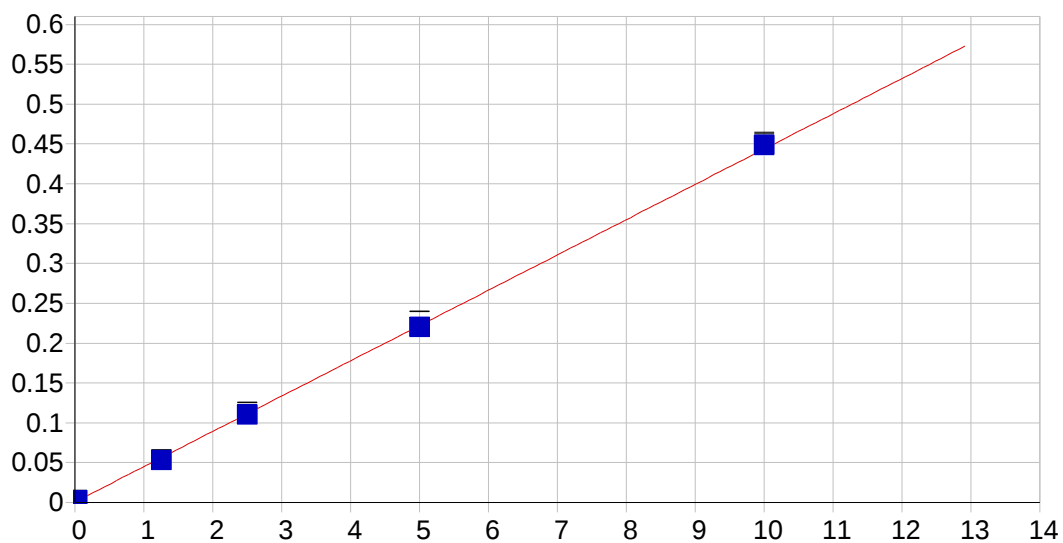


Pb 220.353 {453}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000061 Re-Slope: 1.000000  
 A1 (Gain): 0.132402 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999925 Status: OK.  
 Std Error of Est: 0.000061  
 Predicted MDL: 0.002645  
 Predicted MQL: 0.008816

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00006 | .000    | 1        |
| S1        | .01000       | .00829      | -.002      | -17.1   | .00116 | .000    | 1        |
| S2        | 6.2500       | 6.1354      | -.115      | -1.83   | .81235 | .005    | 1        |
| S3        | 12.500       | 12.823      | .323       | 2.58    | 1.6977 | .044    | 1        |
| S4        | 25.000       | 25.149      | .149       | .597    | 3.3297 | .092    | 1        |
| S5        | 50.000       | 49.644      | -.356      | -.711   | 6.5726 | .071    | 1        |

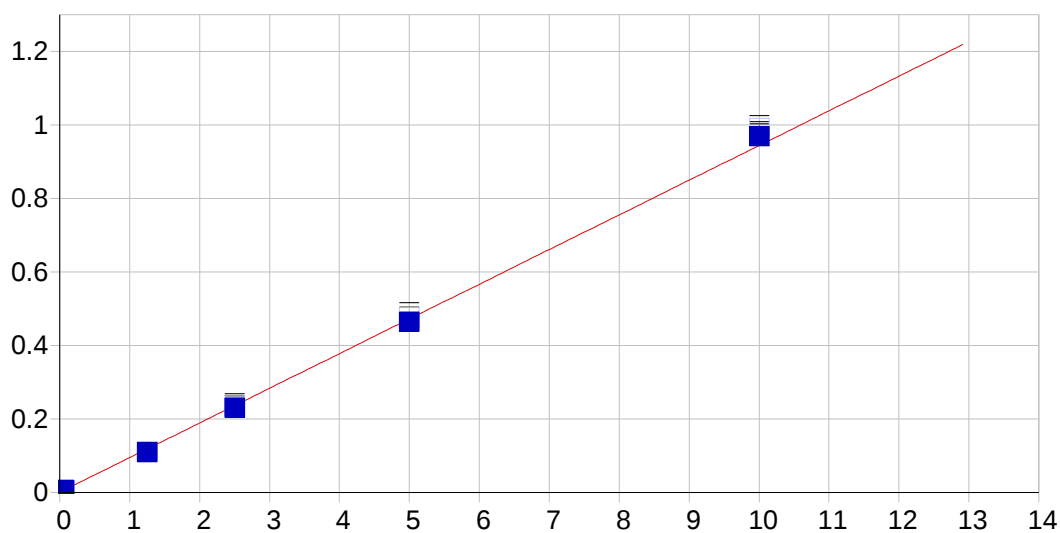


Se 196.090 {472}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000650 Re-Slope: 1.000000  
 A1 (Gain): 0.044291 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999826 Status: OK.  
 Std Error of Est: 0.000026  
 Predicted MDL: 0.007273  
 Predicted MQL: 0.024243

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00065 | .000    | 1        |
| S1        | .03500       | .04152      | .007       | 18.6    | .00249 | .000    | 1        |
| S2        | 1.2500       | 1.1855      | -.065      | -5.16   | .05295 | .001    | 1        |
| S3        | 2.5000       | 2.4777      | -.022      | -.890   | .10998 | .003    | 1        |
| S4        | 5.0000       | 4.9607      | -.039      | -.785   | .21955 | .007    | 1        |
| S5        | 10.000       | 10.119      | .119       | 1.19    | .44721 | .003    | 1        |

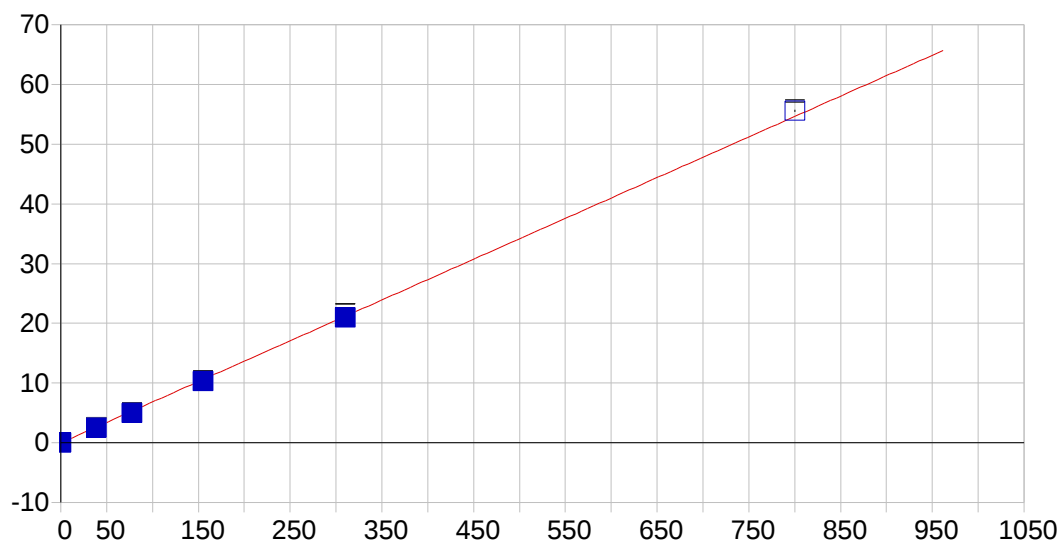


Sb 206.833 {463}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000514 Re-Slope: 1.000000  
 A1 (Gain): 0.094353 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999542 Status: OK.  
 Std Error of Est: 0.000120  
 Predicted MDL: 0.003390  
 Predicted MQL: 0.011300

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00051 | .000    | 1        |
| S1        | .06000       | .06008      | .000       | .132    | .00618 | .000    | 1        |
| S2        | 1.2500       | 1.1481      | -.102      | -8.15   | .11168 | .001    | 1        |
| S3        | 2.5000       | 2.4315      | -.068      | -2.74   | .23560 | .006    | 1        |
| S4        | 5.0000       | 4.9159      | -.084      | -1.68   | .47568 | .013    | 1        |
| S5        | 10.000       | 10.254      | .254       | 2.54    | .99072 | .008    | 1        |

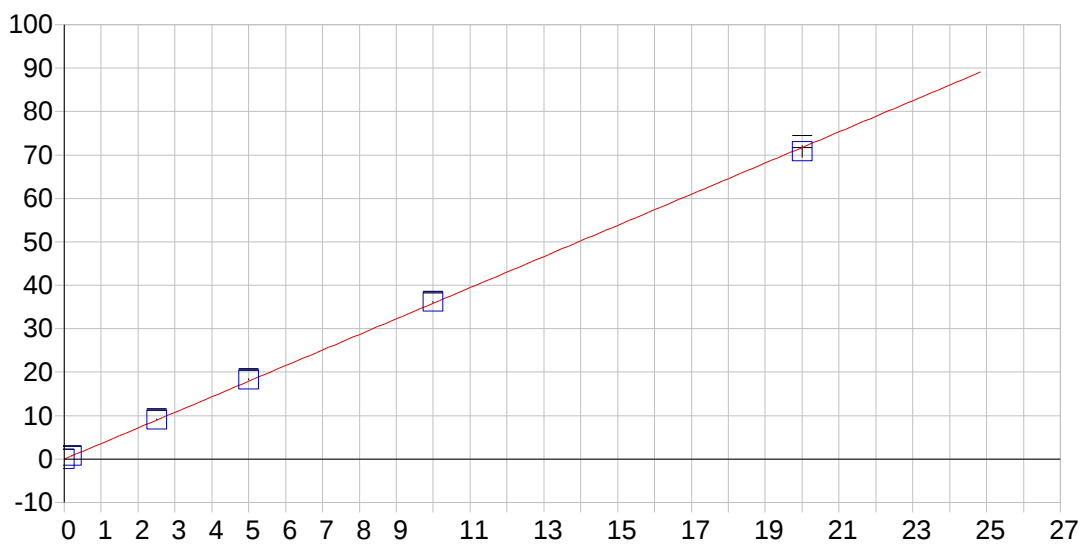


AI 396.152 { 85}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000291 Re-Slope: 1.000000  
 A1 (Gain): 0.068293 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999738 Status: OK.  
 Std Error of Est: 0.000973  
 Predicted MDL: 0.008331  
 Predicted MQL: 0.027770

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00003      | .000       | .000    | -.00029 | .000    | 1        |
| S1        | .20000       | .20058      | .001       | .290    | .01343  | .000    | 1        |
| S2        | 38.750       | 36.506      | -2.24      | -5.79   | 2.4960  | .049    | 1        |
| S3        | 77.500       | 73.299      | -4.20      | -5.42   | 5.0119  | .039    | 1        |
| S4        | 155.00       | 151.14      | -3.86      | -2.49   | 10.334  | .089    | 1        |
| S5        | 310.00       | 306.61      | -3.39      | -1.09   | 20.965  | .661    | 1        |
| S6        | 800.00       | 813.71      | 13.7       | 1.71    | 55.570  | .216    | 1        |

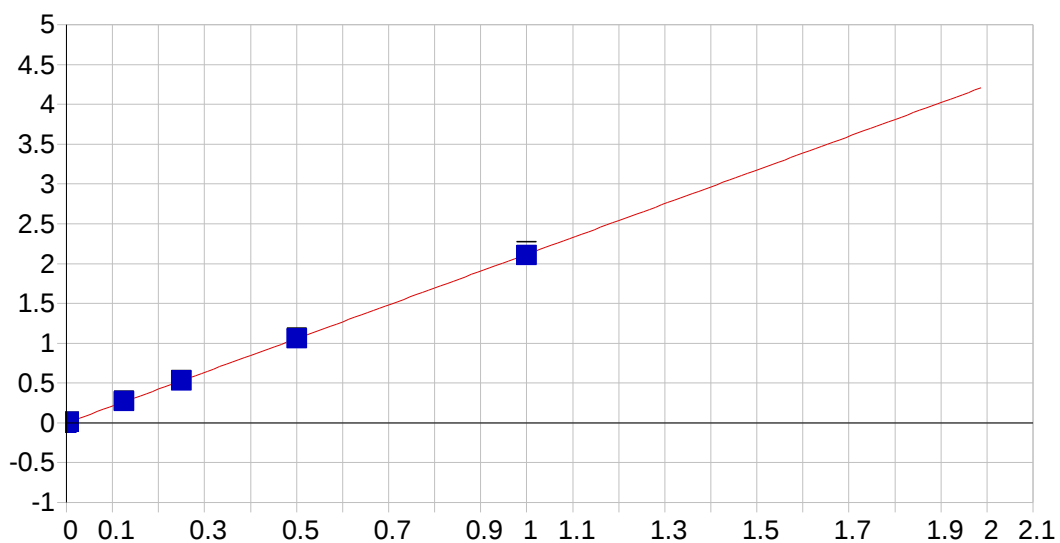


Ba 493.409 { 68}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.016148 Re-Slope: 1.000000  
 A1 (Gain): 3.587792 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999884 Status: OK.  
 Std Error of Est: 0.005803  
 Predicted MDL: 0.000427  
 Predicted MQL: 0.001424

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00002     | .000       | .000    | -.01623 | .001    | 1        |
| S1        | .20000       | .21630      | .016       | 8.15    | .75990  | .014    | 1        |
| S2        | 2.5000       | 2.5339      | .034       | 1.36    | 9.0749  | .191    | 1        |
| S3        | 5.0000       | 5.1185      | .118       | 2.37    | 18.348  | .161    | 1        |
| S4        | 10.000       | 10.089      | .089       | .895    | 36.183  | .169    | 1        |
| S5        | 20.000       | 19.742      | -.258      | -1.29   | 70.814  | 1.43    | 1        |

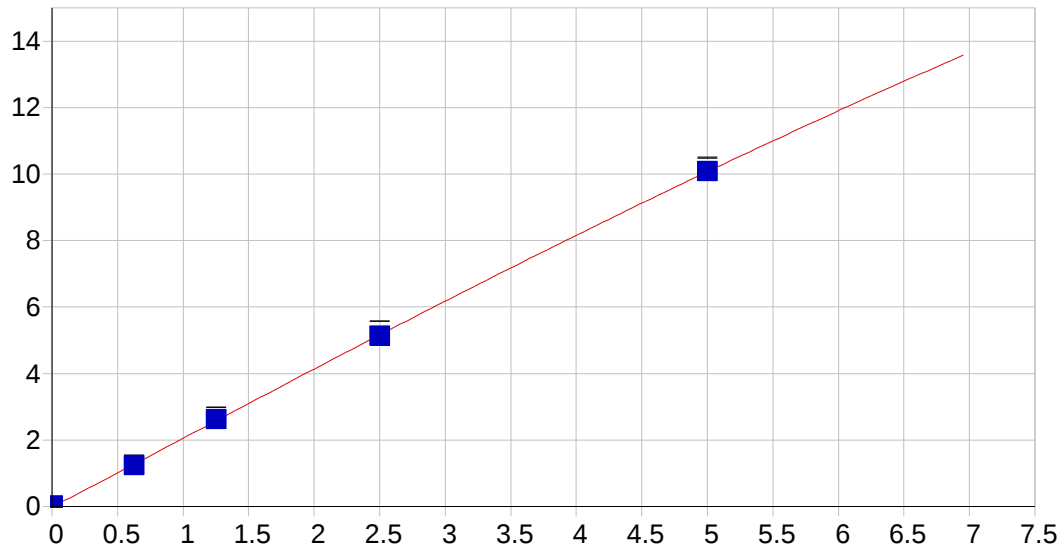


Be 234.861 {144}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000625 Re-Slope: 1.000000  
 A1 (Gain): 2.117036 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999951 Status: OK.  
 Std Error of Est: 0.000079  
 Predicted MDL: 0.000130  
 Predicted MQL: 0.000435

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00063 | .000    | 1        |
| S1        | .00500       | .00544      | .000       | 8.88    | .01089  | .000    | 1        |
| S2        | .12500       | .12864      | .004       | 2.91    | .27081  | .004    | 1        |
| S3        | .25000       | .25050      | .001       | .200    | .52792  | .004    | 1        |
| S4        | .50000       | .50126      | .001       | .253    | 1.0570  | .009    | 1        |
| S5        | 1.0000       | .99415      | -.006      | -.585   | 2.0969  | .051    | 1        |

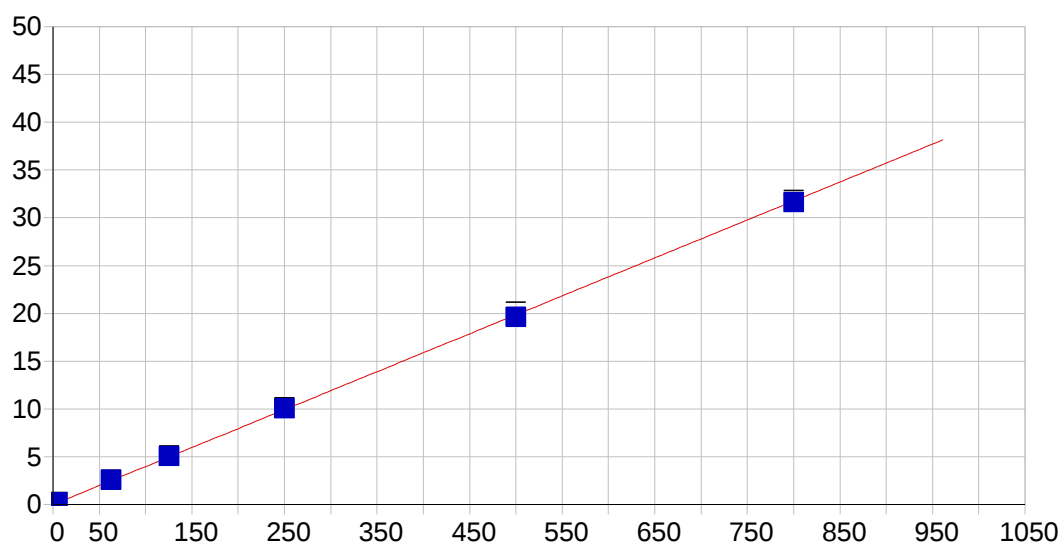


Cd 214.438 {457}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000412 Re-Slope: 1.000000  
 A1 (Gain): 2.087465 Y-int: 0.000000  
 A2 (Curvature): -0.037361  
 n (Exponent): 1.040000  
 Correlation: 0.999959 Status: OK.  
 Std Error of Est: 0.000218  
 Predicted MDL: 0.000137  
 Predicted MQL: 0.000456

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00041 | .000    | 1        |
| S1        | .00500       | .00590      | .001       | 18.1    | .01045 | .000    | 1        |
| S2        | .62500       | .61408      | -.011      | -1.75   | 1.2462 | .009    | 1        |
| S3        | 1.2500       | 1.2708      | .021       | 1.67    | 2.6218 | .070    | 1        |
| S4        | 2.5000       | 2.4861      | -.014      | -.554   | 5.1434 | .141    | 1        |
| S5        | 5.0000       | 5.0032      | .003       | .065    | 10.094 | .113    | 1        |

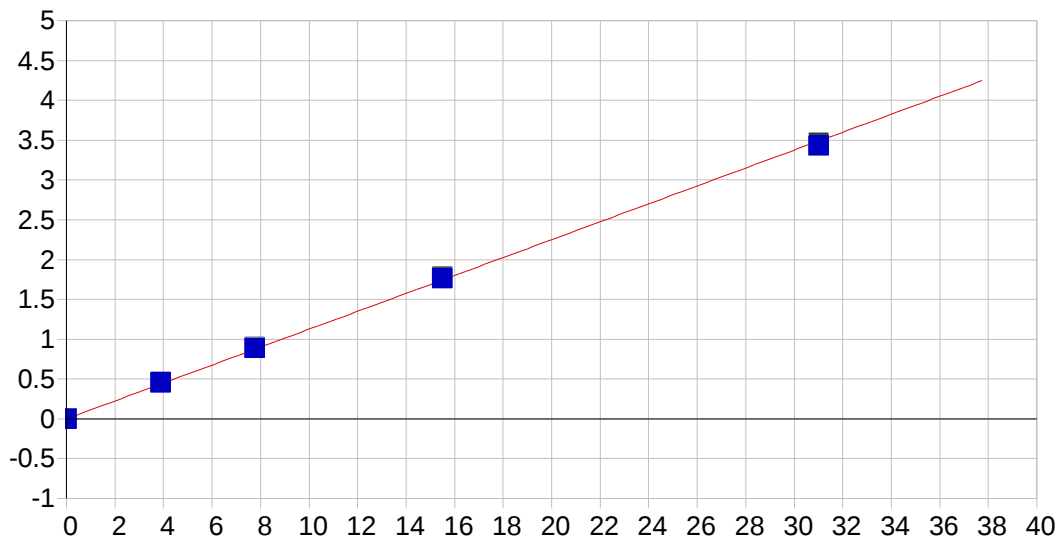


Ca 373.690 { 90}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001791 Re-Slope: 1.000000  
 A1 (Gain): 0.039696 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999917 Status: OK.  
 Std Error of Est: 0.001783  
 Predicted MDL: 0.012205  
 Predicted MQL: 0.040683

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00071     | -.001      | .000    | .00176 | .000    | 1        |
| S1        | 5.0000       | 5.4405      | .440       | 8.81    | .21775 | .004    | 1        |
| S2        | 62.500       | 64.589      | 2.09       | 3.34    | 2.5627 | .044    | 1        |
| S3        | 125.00       | 127.92      | 2.92       | 2.34    | 5.0737 | .037    | 1        |
| S4        | 250.00       | 252.97      | 2.97       | 1.19    | 10.031 | .096    | 1        |
| S5        | 500.00       | 494.19      | -5.81      | -1.16   | 19.595 | .540    | 1        |
| S6        | 800.00       | 797.39      | -2.61      | -.327   | 31.590 | .186    | 1        |

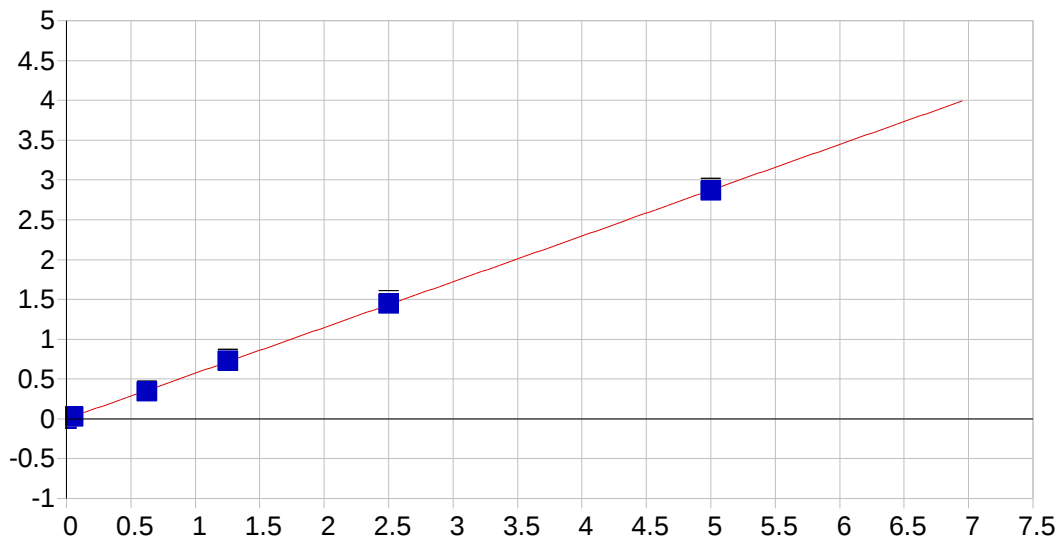


Cr 267.716 {126}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000021 Re-Slope: 1.000000  
 A1 (Gain): 0.112505 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999819 Status: OK.  
 Std Error of Est: 0.000063  
 Predicted MDL: 0.000538  
 Predicted MQL: 0.001792

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00002 | .000    | 1        |
| S1        | .01000       | .01194      | .002       | 19.4    | .00134  | .000    | 1        |
| S2        | 3.8750       | 4.0395      | .164       | 4.24    | .45557  | .007    | 1        |
| S3        | 7.7500       | 7.9043      | .154       | 1.99    | .89150  | .008    | 1        |
| S4        | 15.500       | 15.690      | .190       | 1.23    | 1.7697  | .010    | 1        |
| S5        | 31.000       | 30.489      | -.511      | -1.65   | 3.4392  | .022    | 1        |

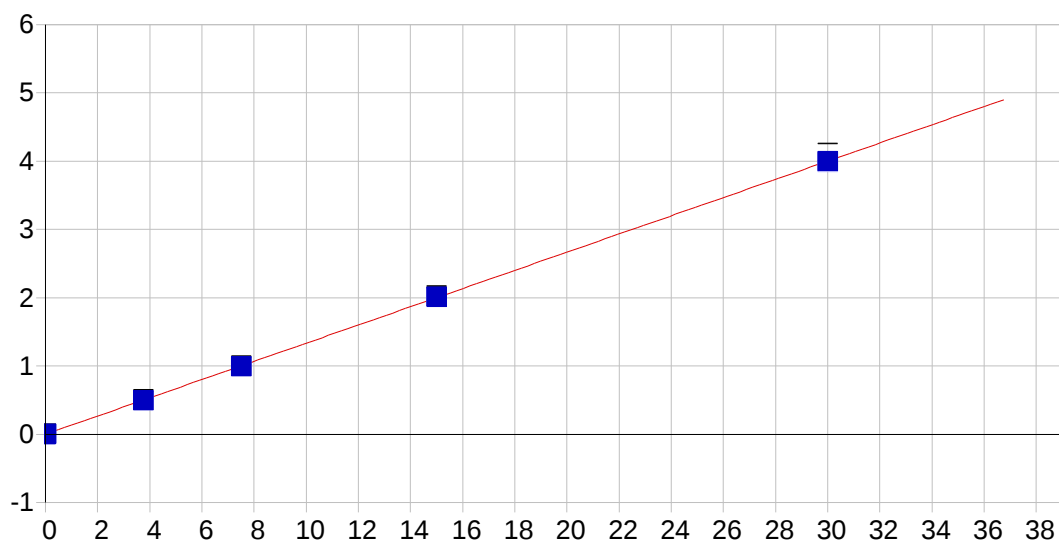


Co 228.616 {448}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000776 Re-Slope: 1.000000  
 A1 (Gain): 0.574347 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999922 Status: OK.  
 Std Error of Est: 0.000192  
 Predicted MDL: 0.000441  
 Predicted MQL: 0.001469

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00077 | .000    | 1        |
| S1        | .05000       | .04797      | -.002      | -4.07   | .02688  | .000    | 1        |
| S2        | .62500       | .60247      | -.023      | -3.60   | .34600  | .002    | 1        |
| S3        | 1.2500       | 1.2732      | .023       | 1.86    | .73200  | .018    | 1        |
| S4        | 2.5000       | 2.5167      | .017       | .668    | 1.4477  | .040    | 1        |
| S5        | 5.0000       | 4.9846      | -.015      | -.307   | 2.8681  | .031    | 1        |

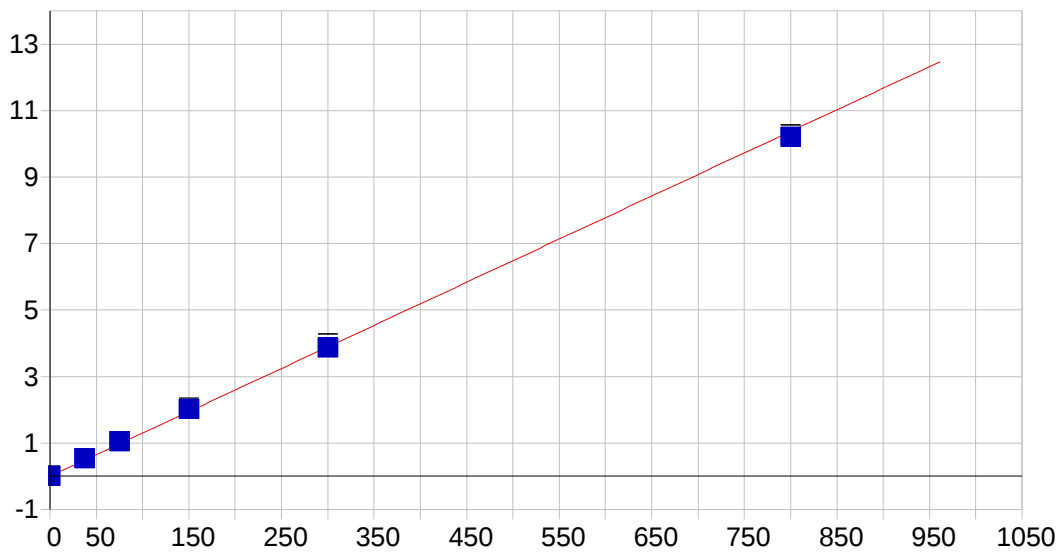


Cu 324.754 {104}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000234 Re-Slope: 1.000000  
 A1 (Gain): 0.133351 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999990 Status: OK.  
 Std Error of Est: 0.000027  
 Predicted MDL: 0.002484  
 Predicted MQL: 0.008282

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00023 | .000    | 1        |
| S1        | .02500       | .02764      | .003       | 10.6    | .00390 | .000    | 1        |
| S2        | 3.7500       | 3.7298      | -.020      | -.538   | .49618 | .010    | 1        |
| S3        | 7.5000       | 7.4608      | -.039      | -.523   | .99229 | .007    | 1        |
| S4        | 15.000       | 15.083      | .083       | .553    | 2.0058 | .017    | 1        |
| S5        | 30.000       | 29.974      | -.026      | -.087   | 3.9859 | .125    | 1        |

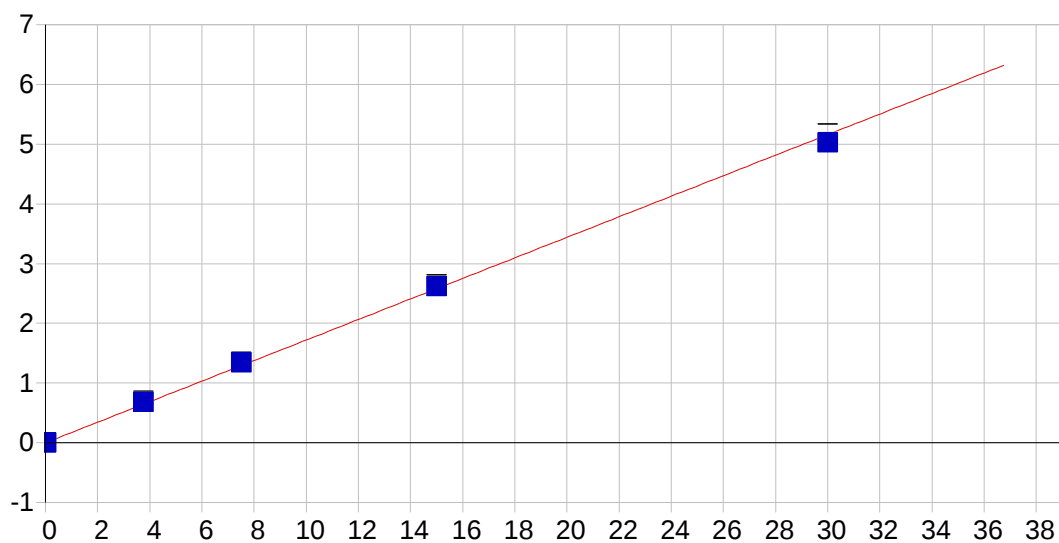


Fe 259.837 {130}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000074 Re-Slope: 1.000000  
 A1 (Gain): 0.012968 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999574 Status: OK.  
 Std Error of Est: 0.000165  
 Predicted MDL: 0.015644  
 Predicted MQL: 0.052147

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00004     | .000       | .000    | .00007 | .000    | 1        |
| S1        | .10000       | .12255      | .023       | 22.5    | .00167 | .000    | 1        |
| S2        | 37.500       | 40.762      | 3.26       | 8.70    | .52928 | .010    | 1        |
| S3        | 75.000       | 80.480      | 5.48       | 7.31    | 1.0449 | .006    | 1        |
| S4        | 150.00       | 156.11      | 6.11       | 4.07    | 2.0269 | .020    | 1        |
| S5        | 300.00       | 298.21      | -1.79      | -.596   | 3.8721 | .111    | 1        |
| S6        | 800.00       | 786.91      | -13.1      | -1.64   | 10.210 | .067    | 1        |



Mn 257.610 {131}

Date of Fit: 2/18/2017 11:21:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000105

Re-Slope: 1.000000

A1 (Gain): 0.171984

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999578

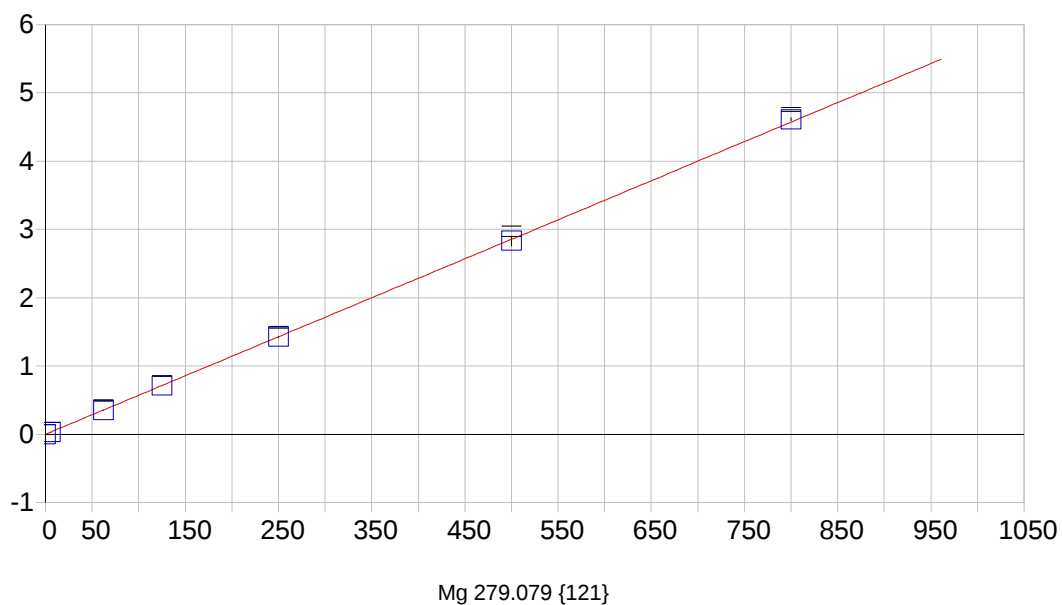
Status: OK.

Std Error of Est: 0.000178

Predicted MDL: 0.001038

Predicted MQL: 0.003461

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00011 | .000    | 1        |
| S1        | .01500       | .01798      | .003       | 19.9    | .00299  | .000    | 1        |
| S2        | 3.7500       | 3.9653      | .215       | 5.74    | .68201  | .014    | 1        |
| S3        | 7.5000       | 7.7976      | .298       | 3.97    | 1.3412  | .010    | 1        |
| S4        | 15.000       | 15.239      | .239       | 1.59    | 2.6213  | .025    | 1        |
| S5        | 30.000       | 29.245      | -.755      | -2.52   | 5.0307  | .143    | 1        |



Date of Fit: 2/18/2017 11:21:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000261

Re-Slope: 1.000000

A1 (Gain): 0.005715

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999960

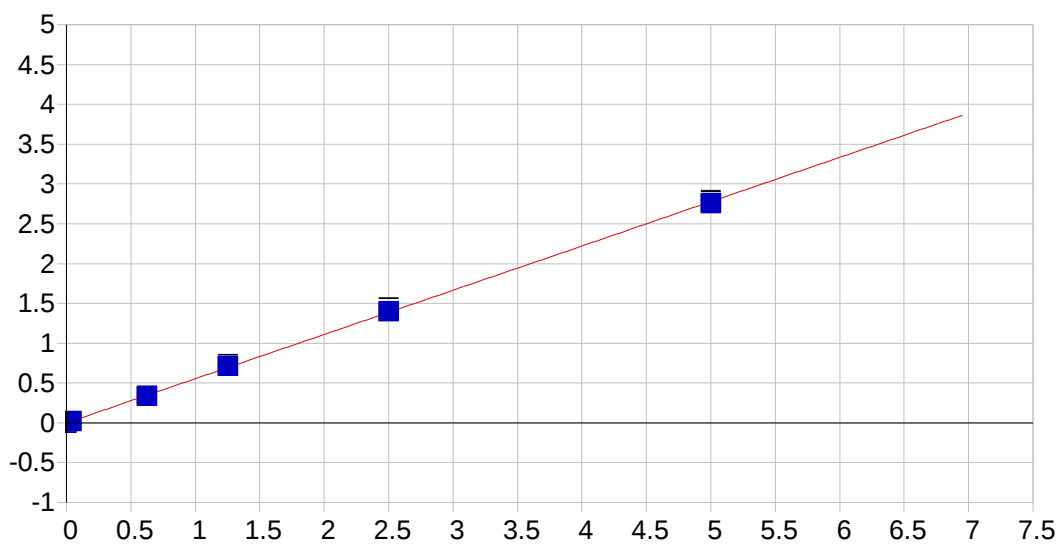
Status: OK.

Std Error of Est: 0.000179

Predicted MDL: 0.040258

Predicted MQL: 0.134193

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00003      | .000       | .000    | -.00026 | .000    | 1        |
| S1        | 5.0000       | 5.1028      | .103       | 2.06    | .02890  | .001    | 1        |
| S2        | 62.500       | 61.521      | -.979      | -1.57   | .35131  | .006    | 1        |
| S3        | 125.00       | 123.96      | -1.04      | -.831   | .70813  | .003    | 1        |
| S4        | 250.00       | 249.38      | -.622      | -.249   | 1.4248  | .014    | 1        |
| S5        | 500.00       | 495.23      | -4.77      | -.955   | 2.8298  | .080    | 1        |
| S6        | 800.00       | 807.31      | 7.31       | .914    | 4.6132  | .031    | 1        |

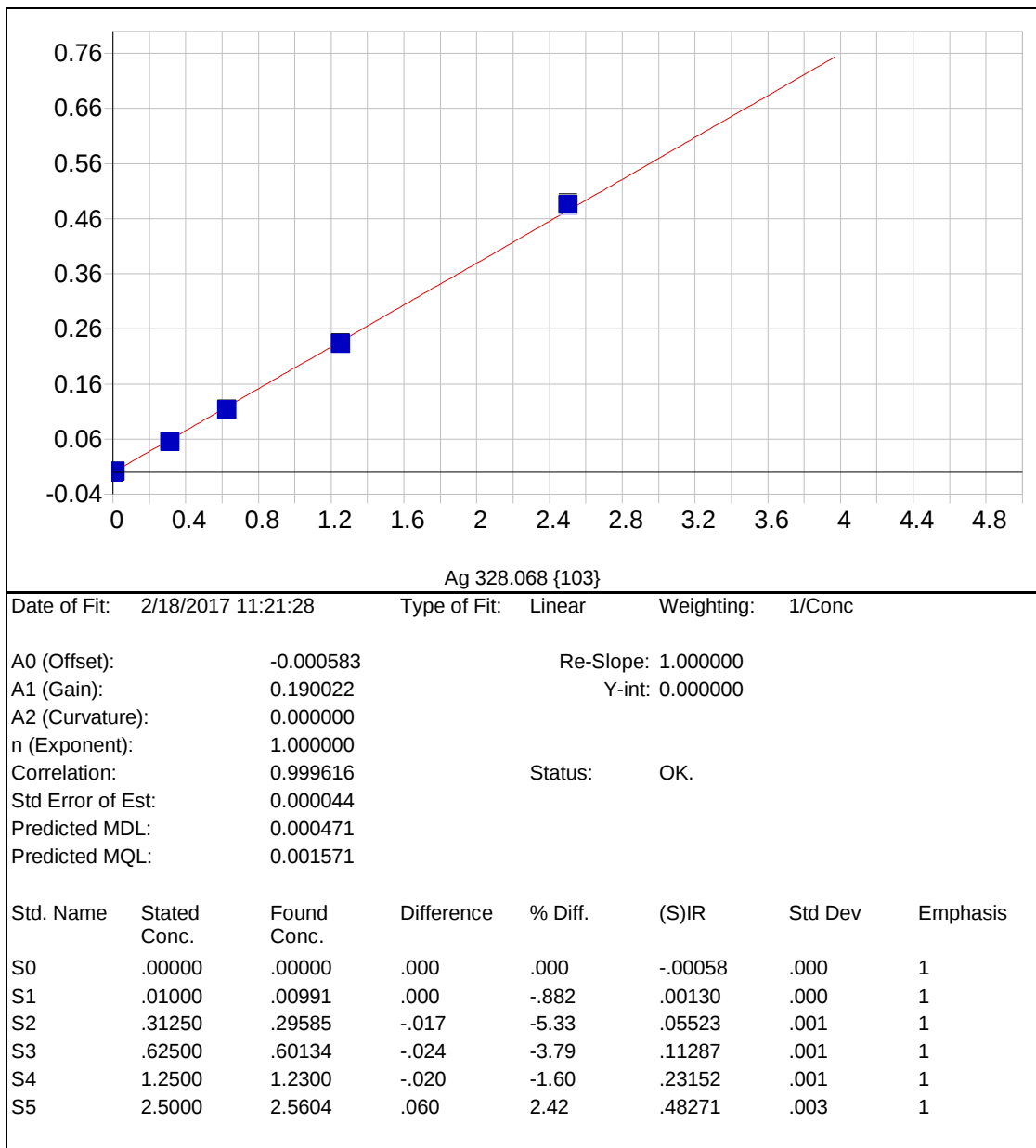


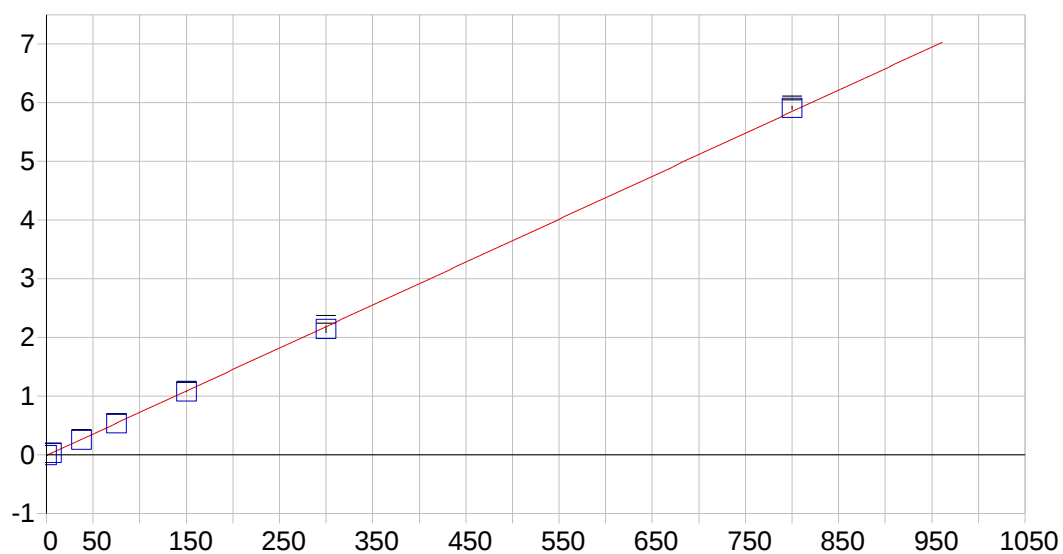
Ni 231.604 {446}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000342 Re-Slope: 1.000000  
 A1 (Gain): 0.555562 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999910 Status: OK.  
 Std Error of Est: 0.000178  
 Predicted MDL: 0.000571  
 Predicted MQL: 0.001902

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00034 | .000    | 1        |
| S1        | .04000       | .04024      | .000       | .601    | .02204  | .000    | 1        |
| S2        | .62500       | .61120      | -.014      | -2.21   | .34105  | .003    | 1        |
| S3        | 1.2500       | 1.2842      | .034       | 2.73    | .71675  | .019    | 1        |
| S4        | 2.5000       | 2.5196      | .020       | .782    | 1.4067  | .039    | 1        |
| S5        | 5.0000       | 4.9598      | -.040      | -.803   | 2.7698  | .028    | 1        |



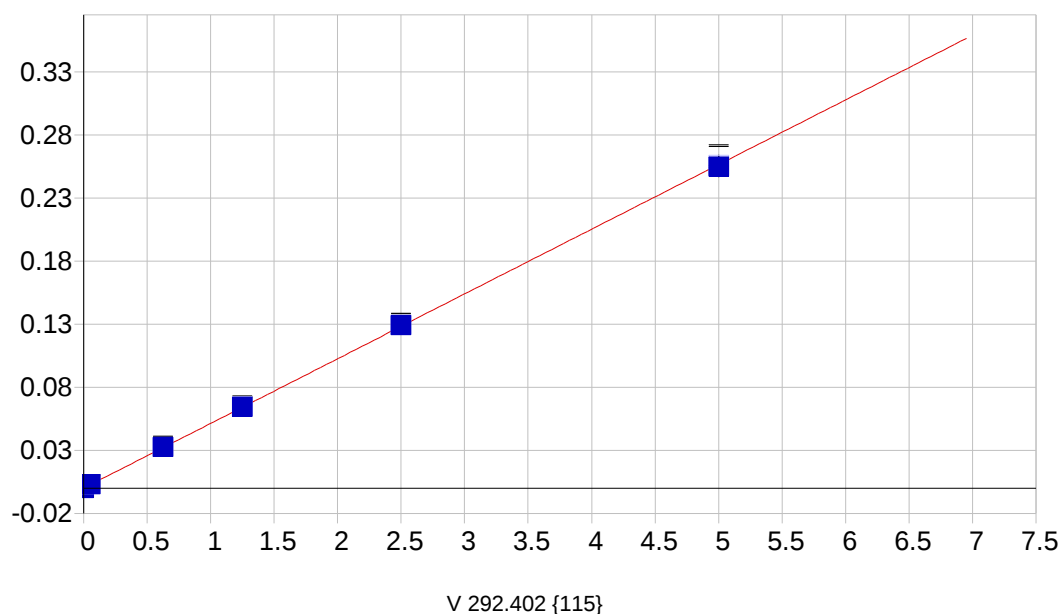


Na 818.326 { 41}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.010104 Re-Slope: 1.000000  
 A1 (Gain): 0.007324 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999906 Status: OK.  
 Std Error of Est: 0.000311  
 Predicted MDL: 0.170171  
 Predicted MQL: 0.567236

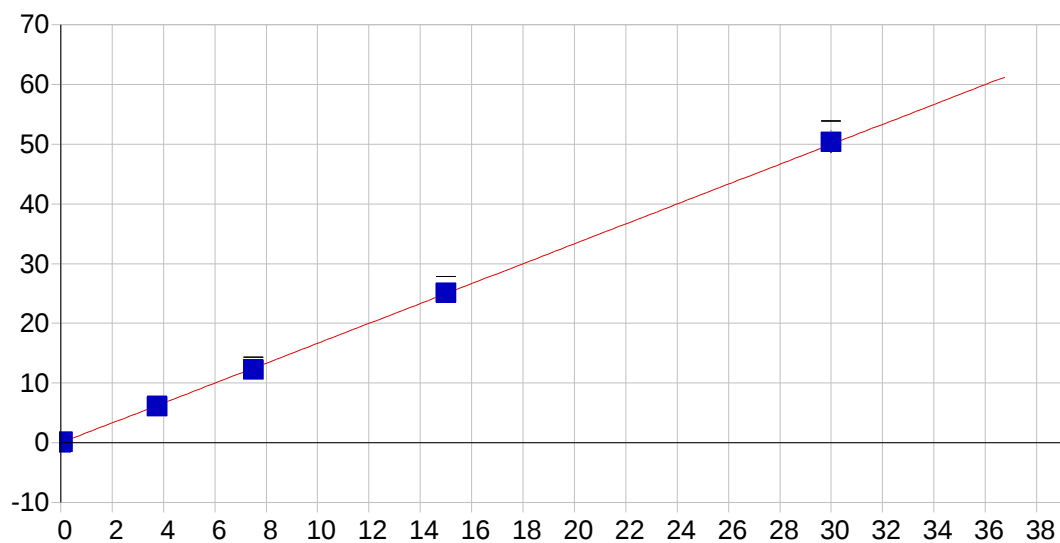
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00021      | .000       | .000    | -.01010 | .001    | 1        |
| S1        | 5.0000       | 5.0602      | .060       | 1.20    | .02695  | .001    | 1        |
| S2        | 37.500       | 36.510      | -.990      | -2.64   | .25728  | .004    | 1        |
| S3        | 75.000       | 74.135      | -.865      | -1.15   | .53283  | .004    | 1        |
| S4        | 150.00       | 148.73      | -1.27      | -.849   | 1.0791  | .009    | 1        |
| S5        | 300.00       | 294.21      | -5.79      | -1.93   | 2.1446  | .067    | 1        |
| S6        | 800.00       | 808.86      | 8.86       | 1.11    | 5.9136  | .036    | 1        |



Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000147 Re-Slope: 1.000000  
 A1 (Gain): 0.051239 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999963 Status: OK.  
 Std Error of Est: 0.000012  
 Predicted MDL: 0.004359  
 Predicted MQL: 0.014530

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00015 | .000    | 1        |
| S1        | .05000       | .05393      | .004       | 7.86    | .00292 | .000    | 1        |
| S2        | .62500       | .63317      | .008       | 1.31    | .03272 | .001    | 1        |
| S3        | 1.2500       | 1.2538      | .004       | .303    | .06465 | .001    | 1        |
| S4        | 2.5000       | 2.5147      | .015       | .587    | .12953 | .001    | 1        |
| S5        | 5.0000       | 4.9694      | -.031      | -.611   | .25584 | .008    | 1        |

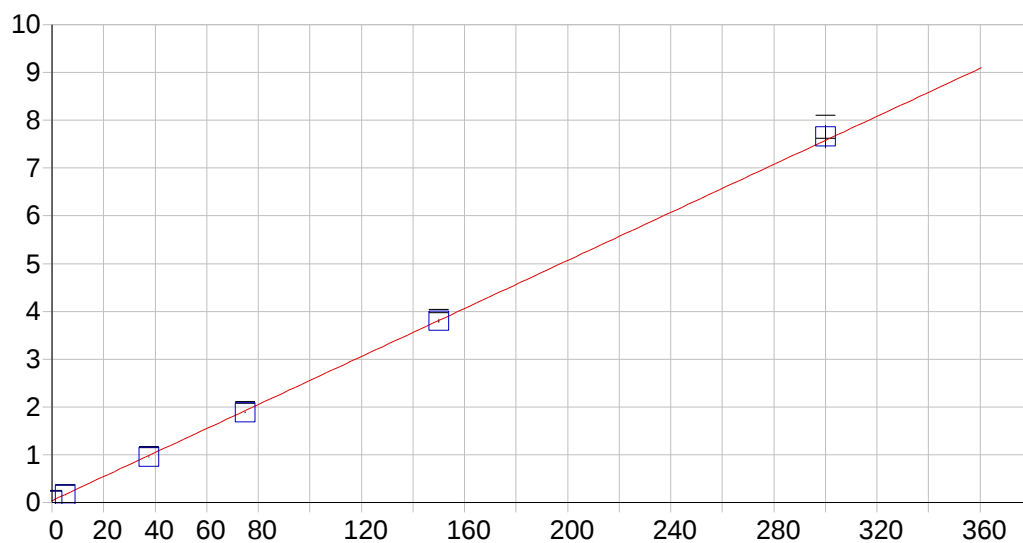


Zn 213.856 {158}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.014001 Re-Slope: 1.000000  
 A1 (Gain): 1.666303 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999892 Status: OK.  
 Std Error of Est: 0.001744  
 Predicted MDL: 0.012456  
 Predicted MQL: 0.041521

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | -.01402 | .042    | 1        |
| S1        | .06000       | .07281      | .013       | 21.3    | .10770  | .020    | 1        |
| S2        | 3.7500       | 3.6272      | -.123      | -3.28   | 6.0450  | .087    | 1        |
| S3        | 7.5000       | 7.3344      | -.166      | -2.21   | 12.237  | .468    | 1        |
| S4        | 15.000       | 15.065      | .065       | .432    | 25.149  | 1.06    | 1        |
| S5        | 30.000       | 30.211      | .211       | .703    | 50.446  | 1.83    | 1        |



K 769.896 { 44 }

Date of Fit: 2/18/2017 11:21:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.039560

Re-Slope: 1.000000

A1 (Gain): 0.025132

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999911

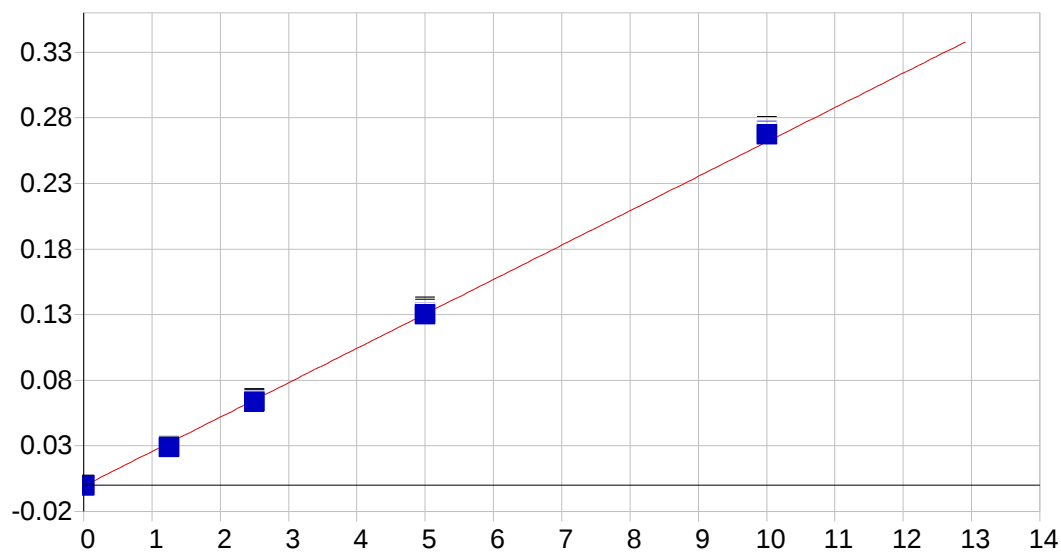
Status: OK.

Std Error of Est: 0.000692

Predicted MDL: 0.046038

Predicted MQL: 0.153461

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00030      | .000       | .000    | .03957 | .001    | 1        |
| S1        | 5.0000       | 4.9096      | -.090      | -1.81   | .16295 | .003    | 1        |
| S2        | 37.500       | 36.362      | -1.14      | -3.03   | .95341 | .016    | 1        |
| S3        | 75.000       | 73.448      | -1.55      | -2.07   | 1.8855 | .016    | 1        |
| S4        | 150.00       | 149.67      | -.329      | -.220   | 3.8011 | .030    | 1        |
| S5        | 300.00       | 303.11      | 3.11       | 1.04    | 7.6573 | .240    | 1        |

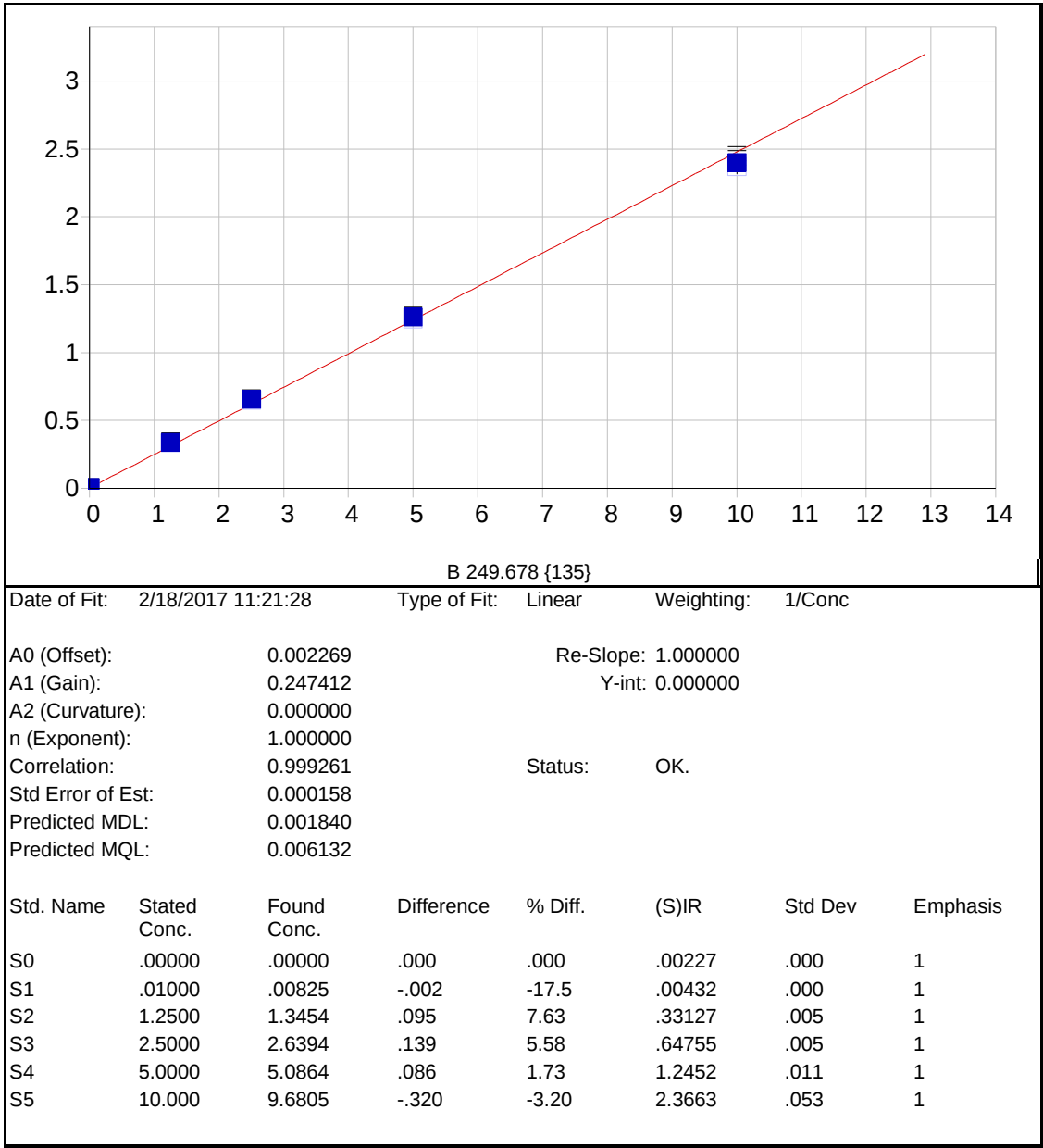


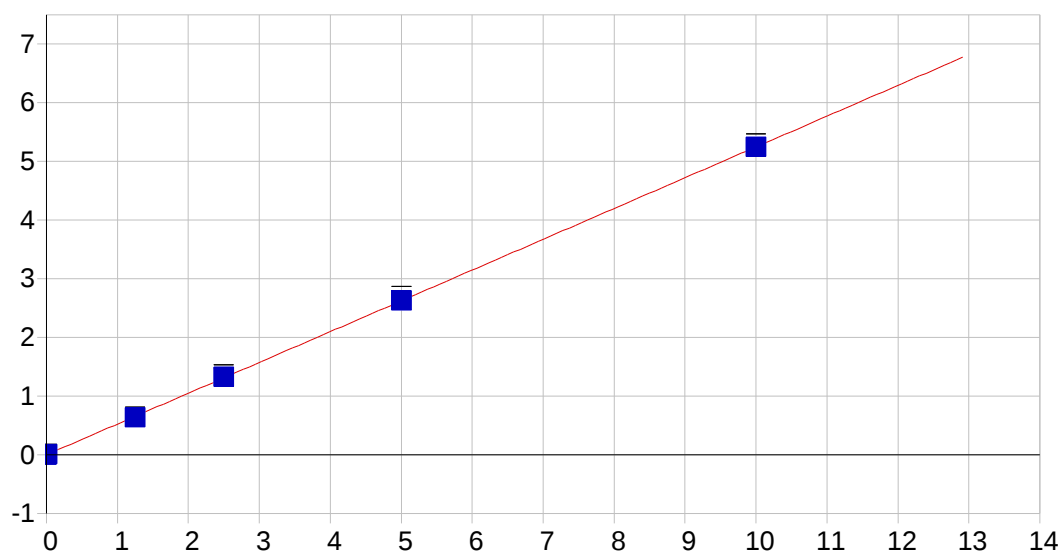
P 177.495 {490}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000520 Re-Slope: 1.000000  
 A1 (Gain): 0.026213 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999516 Status: OK.  
 Std Error of Est: 0.000014  
 Predicted MDL: 0.006826  
 Predicted MQL: 0.022753

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00052 | .000    | 1        |
| S1        | .01000       | .01114      | .001       | 11.4    | -.00022 | .000    | 1        |
| S2        | 1.2500       | 1.1230      | -.127      | -10.2   | .02934  | .000    | 1        |
| S3        | 2.5000       | 2.4441      | -.056      | -2.24   | .06439  | .002    | 1        |
| S4        | 5.0000       | 4.9760      | -.024      | -.481   | .13161  | .004    | 1        |
| S5        | 10.000       | 10.206      | .206       | 2.06    | .27039  | .003    | 1        |



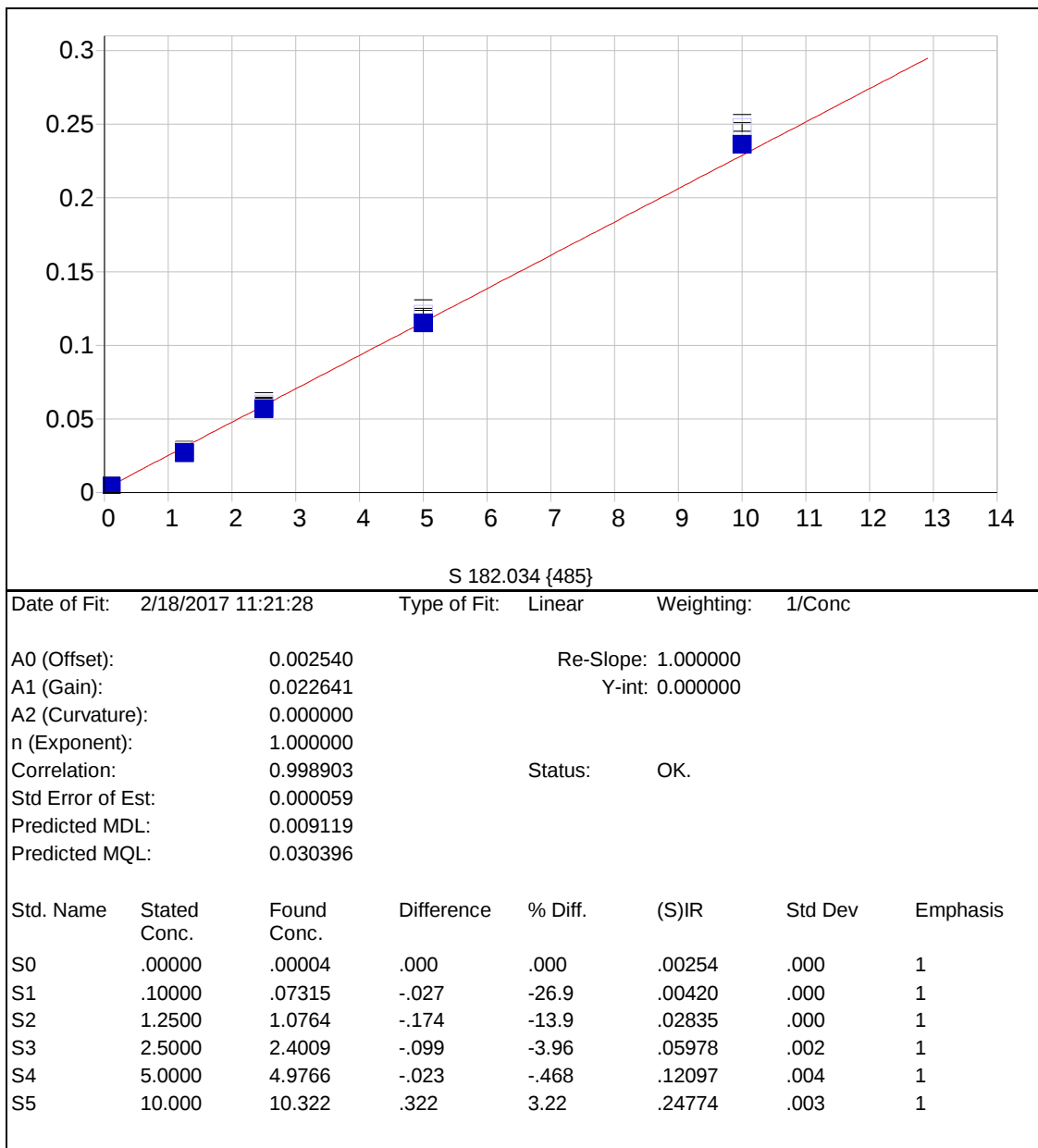


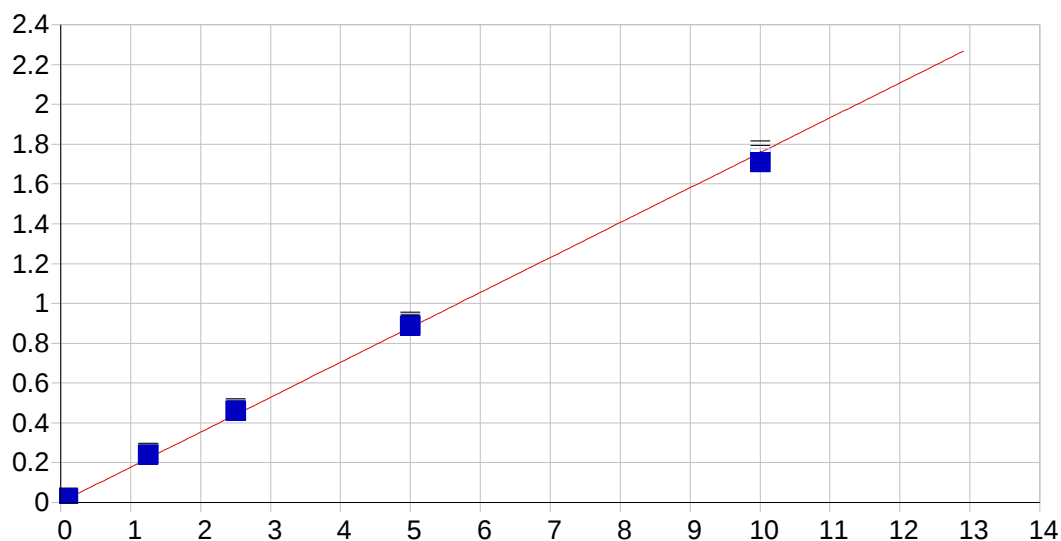
Mo 202.030 {467}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000202 Re-Slope: 1.000000  
 A1 (Gain): 0.524784 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999968 Status: OK.  
 Std Error of Est: 0.000070  
 Predicted MDL: 0.000642  
 Predicted MQL: 0.002141

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00020 | .000    | 1        |
| S1        | .01000       | .01048      | .000       | 4.78    | .00571 | .000    | 1        |
| S2        | 1.2500       | 1.2190      | -.031      | -2.48   | .64053 | .004    | 1        |
| S3        | 2.5000       | 2.5319      | .032       | 1.28    | 1.3301 | .033    | 1        |
| S4        | 5.0000       | 4.9997      | .000       | -.007   | 2.6263 | .077    | 1        |
| S5        | 10.000       | 9.9989      | -.001      | -.011   | 5.2522 | .053    | 1        |



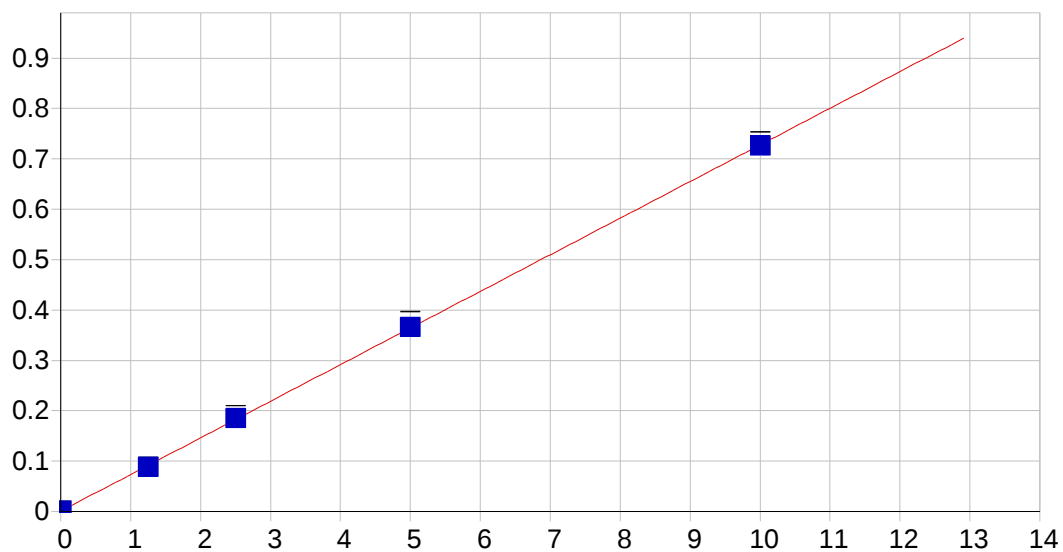


Si 251.611 {134}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002004 Re-Slope: 1.000000  
 A1 (Gain): 0.175478 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999372 Status: OK.  
 Std Error of Est: 0.000334  
 Predicted MDL: 0.001664  
 Predicted MQL: 0.005546

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | .000       | .000    | .00200 | .000    | 1        |
| S1        | .10000       | .10503      | .005       | 5.03    | .02050 | .000    | 1        |
| S2        | 1.2500       | 1.3621      | .112       | 8.96    | .24360 | .005    | 1        |
| S3        | 2.5000       | 2.6168      | .117       | 4.67    | .46636 | .004    | 1        |
| S4        | 5.0000       | 5.0490      | .049       | .979    | .89831 | .007    | 1        |
| S5        | 10.000       | 9.7172      | -.283      | -2.83   | 1.7278 | .038    | 1        |

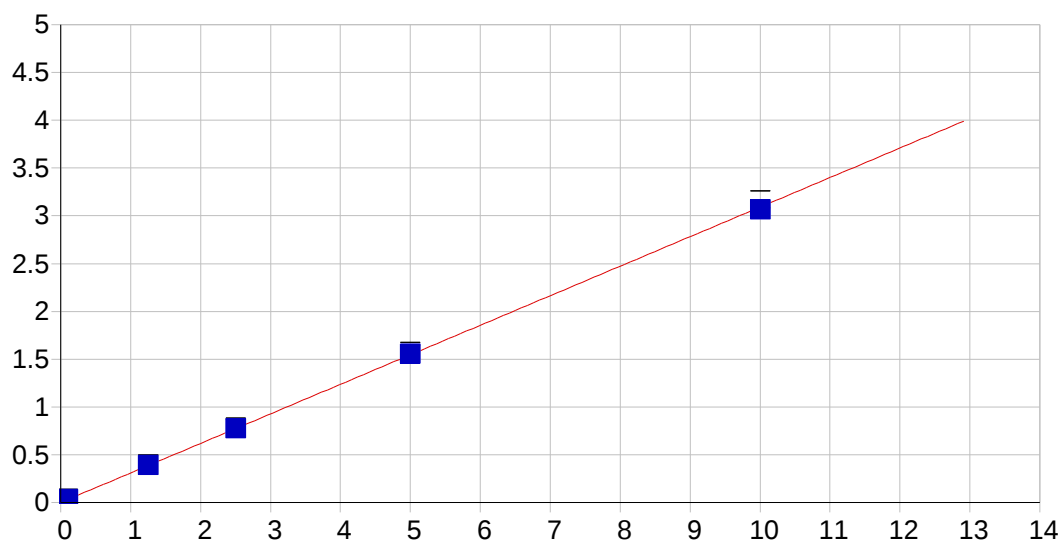


Sn 189.989 {478}

Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000693 Re-Slope: 1.000000  
 A1 (Gain): 0.072714 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999920 Status: OK.  
 Std Error of Est: 0.000013  
 Predicted MDL: 0.002827  
 Predicted MQL: 0.009425

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00069 | .000    | 1        |
| S1        | .00700       | .00735      | .000       | 4.98    | .00122 | .000    | 1        |
| S2        | 1.2500       | 1.2002      | -.050      | -3.98   | .08790 | .000    | 1        |
| S3        | 2.5000       | 2.5437      | .044       | 1.75    | .18551 | .005    | 1        |
| S4        | 5.0000       | 5.0290      | .029       | .579    | .36608 | .011    | 1        |
| S5        | 10.000       | 9.9768      | -.023      | -.232   | .72557 | .008    | 1        |



Ti 336.121 {100}

Date of Fit: 2/18/2017 11:21:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000675

Re-Slope: 1.000000

A1 (Gain): 0.309011

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999960

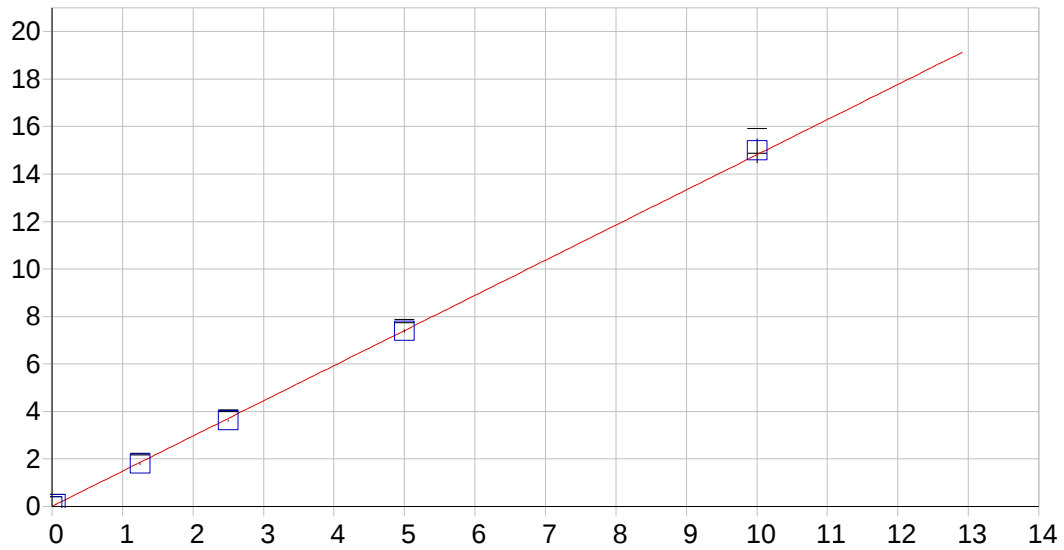
Status: OK.

Std Error of Est: 0.000146

Predicted MDL: 0.001168

Predicted MQL: 0.003894

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | .00067 | .000    | 1        |
| S1        | .10000       | .10621      | .006       | 6.21    | .03349 | .001    | 1        |
| S2        | 1.2500       | 1.2664      | .016       | 1.31    | .39186 | .006    | 1        |
| S3        | 2.5000       | 2.5122      | .012       | .489    | .77671 | .006    | 1        |
| S4        | 5.0000       | 5.0386      | .039       | .773    | 1.5571 | .014    | 1        |
| S5        | 10.000       | 9.9266      | -.073      | -.734   | 3.0670 | .090    | 1        |



Li 670.784 { 50}

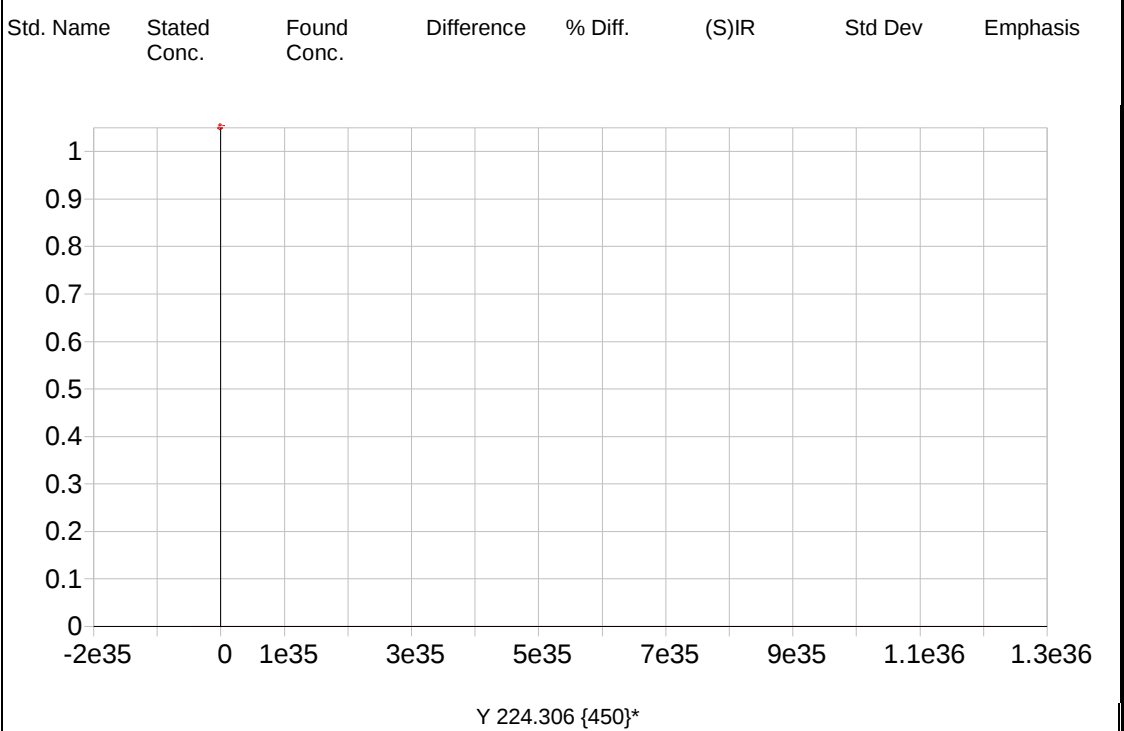
Date of Fit: 2/18/2017 11:21:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008288 Re-Slope: 1.000000  
 A1 (Gain): 1.480509 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999878 Status: OK.  
 Std Error of Est: 0.000868  
 Predicted MDL: 0.000902  
 Predicted MQL: 0.003007

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00829 | .002    | 1        |
| S5        | 10.000       | 10.117      | .117       | 1.17    | 14.986 | .519    | 1        |
| S4        | 5.0000       | 4.9876      | -.012      | -.248   | 7.3925 | .063    | 1        |
| S3        | 2.5000       | 2.4373      | -.063      | -2.51   | 3.6168 | .027    | 1        |
| S2        | 1.2500       | 1.2063      | -.044      | -3.50   | 1.7942 | .038    | 1        |
| S1        | .05000       | .05222      | .002       | 4.44    | .08560 | .002    | 1        |



|                   |          |                           |
|-------------------|----------|---------------------------|
| 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      |                           |



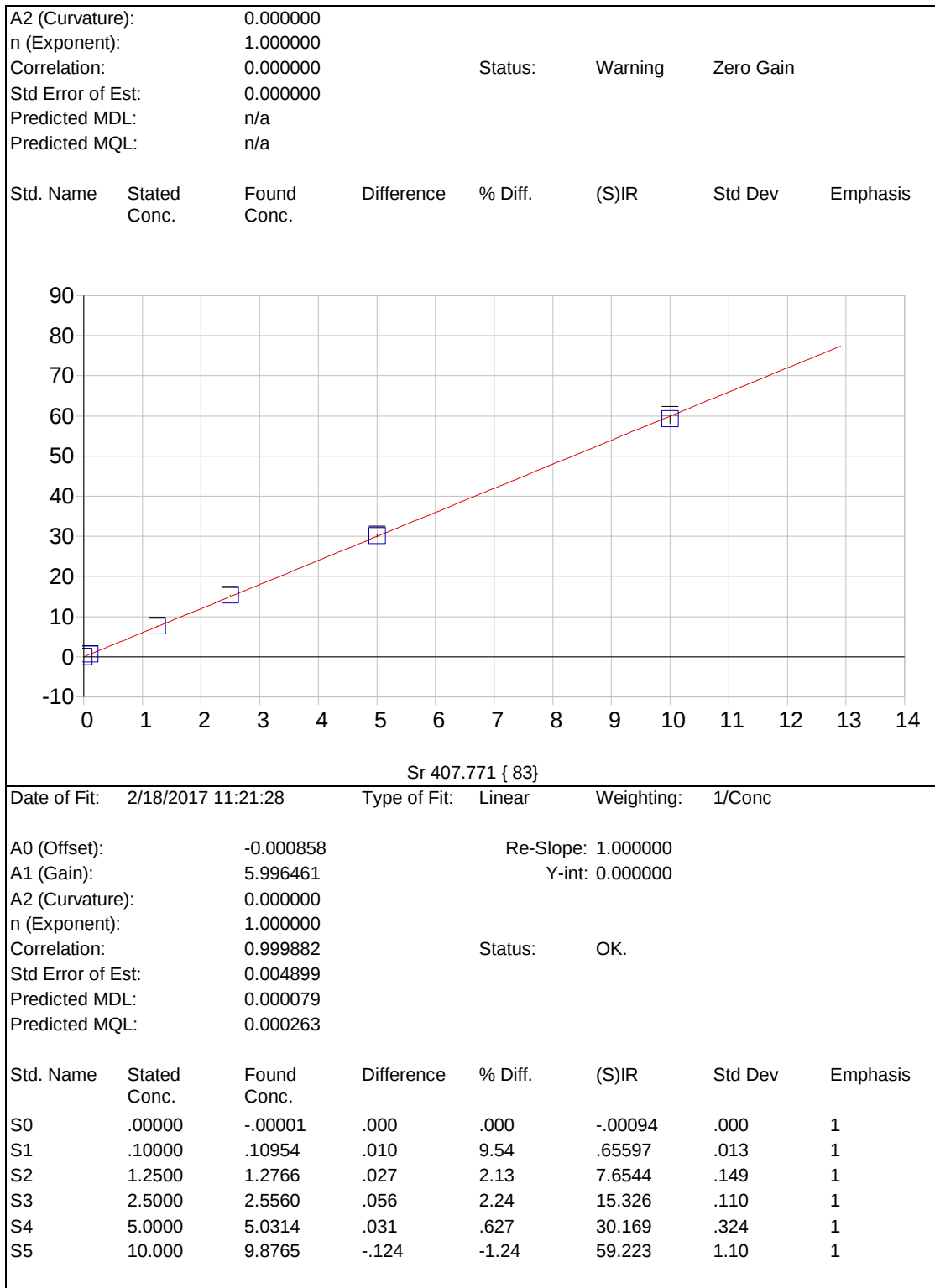
|              |          |                    |
|--------------|----------|--------------------|
| A0 (Offset): | 0.000000 | Re-Slope: 1.000000 |
| A1 (Gain):   | 0.000000 | Y-int: 0.000000    |





|                   |          |                           |
|-------------------|----------|---------------------------|
| 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 |
|--------------------------------------------------------------------------------------|--------------|--------------------|------------|---------|-------|---------|----------|
|  |              |                    |            |         |       |         |          |
| ln 230.606 {446}*<br>Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc    |              |                    |            |         |       |         |          |
| A0 (Offset):                                                                         | 0.000000     | Re-Slope: 1.000000 |            |         |       |         |          |
| A1 (Gain):                                                                           | 0.000000     | Y-int: 0.000000    |            |         |       |         |          |



Sample Name: S0      Acquired: 2/18/2017 10:29:09      Type: Cal  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | -.00072 | -.00003 | .00006 | .00065 | .00051 | -.00029 | -.01623 | -.00063 |
| Stddev | .00005  | .00018  | .00016 | .00006 | .00006 | .00012  | .00136  | .00013  |
| %RSD   | 7.4288  | 569.14  | 261.25 | 8.4987 | 12.089 | 40.668  | 8.3543  | 20.948  |

|    |         |         |         |        |        |         |         |         |
|----|---------|---------|---------|--------|--------|---------|---------|---------|
| #1 | -.00066 | -.00007 | .00018  | .00065 | .00045 | -.00019 | -.01715 | -.00074 |
| #2 | -.00077 | -.00019 | -.00012 | .00060 | .00057 | -.00026 | -.01467 | -.00066 |
| #3 | -.00073 | .00016  | .00012  | .00071 | .00052 | -.00042 | -.01687 | -.00048 |

|        |        |        |         |         |        |        |         |         |
|--------|--------|--------|---------|---------|--------|--------|---------|---------|
| 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    | .00041 | .00176 | -.00002 | -.00077 | .00023 | .00007 | -.00011 | -.00026 |
| Stddev | .00009 | .00048 | .00005  | .00006  | .00041 | .00016 | .00011  | .00009  |
| %RSD   | 21.076 | 27.005 | 228.05  | 7.1117  | 176.31 | 223.63 | 108.41  | 34.655  |

|    |        |        |         |         |         |         |         |         |
|----|--------|--------|---------|---------|---------|---------|---------|---------|
| #1 | .00048 | .00226 | -.00005 | -.00075 | -.00024 | .00026  | .00001  | -.00019 |
| #2 | .00031 | .00170 | -.00005 | -.00084 | .00043  | .00001  | -.00012 | -.00023 |
| #3 | .00044 | .00132 | .00003  | -.00074 | .00051  | -.00005 | -.00021 | -.00036 |

|        |         |         |         |         |         |         |         |         |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Elem   | Ni2316  | Ag3280  | Na8183  | V_ 2924 | Zn2138  | K_ 7698 | P_ 1774 | B_ 2496 |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | -.00034 | -.00058 | -.01010 | .00015  | -.01402 | .03957  | -.00052 | .00227  |
| Stddev | .00003  | .00008  | .00062  | .00035  | .04208  | .00087  | .00009  | .00026  |
| %RSD   | 8.3825  | 13.659  | 6.0983  | 237.85  | 300.15  | 2.1882  | 17.977  | 11.429  |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00032 | -.00068 | -.01070 | .00047  | -.05159 | .04056 | -.00051 | .00202 |
| #2 | -.00037 | -.00054 | -.01015 | .00020  | .03144  | .03900 | -.00043 | .00224 |
| #3 | -.00033 | -.00053 | -.00947 | -.00023 | -.02190 | .03913 | -.00062 | .00254 |

|        |        |         |        |        |        |        |         |  |
|--------|--------|---------|--------|--------|--------|--------|---------|--|
| 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    | .00020 | .00254  | .00200 | .00069 | .00067 | .00829 | -.00094 |  |
| Stddev | .00024 | .00009  | .00011 | .00009 | .00015 | .00177 | .00026  |  |
| %RSD   | 120.56 | 3.4858  | 5.4412 | 12.757 | 22.542 | 21.327 | 27.430  |  |

|    |        |        |        |        |        |        |         |  |
|----|--------|--------|--------|--------|--------|--------|---------|--|
| #1 | .00009 | .00247 | .00194 | .00062 | .00083 | .00939 | -.00121 |  |
| #2 | .00048 | .00251 | .00193 | .00067 | .00053 | .00922 | -.00091 |  |
| #3 | .00003 | .00264 | .00213 | .00079 | .00066 | .00625 | -.00070 |  |

Sample Name: S0      Acquired: 2/18/2017 10:29:09      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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       | 30.556 | 1692.2 | 55481. | 8073.4 | 2460.6 |
| Stddev    | .604   | 5.1    | 262.   | 34.1   | 8.2    |
| %RSD      | 1.9778 | .30339 | .47194 | .42175 | .33196 |
| #1        | 30.284 | 1686.3 | 55226. | 8047.7 | 2451.4 |
| #2        | 31.248 | 1695.6 | 55467. | 8112.0 | 2463.3 |
| #3        | 30.135 | 1694.7 | 55749. | 8060.6 | 2467.1 |

Sample Name: S1      Acquired: 2/18/2017 10:33:16      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | -.00043 | .00111 | .00116 | .00249 | .00618 | .01343 | .75990 | .01089 |
| Stddev | .00014  | .00014 | .00048 | .00006 | .00010 | .00008 | .01358 | .00029 |
| %RSD   | 31.888  | 12.938 | 41.879 | 2.4493 | 1.5548 | .61974 | 1.7870 | 2.6715 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00054 | .00096 | .00159 | .00243 | .00608 | .01336 | .77387 | .01123 |
| #2 | -.00048 | .00125 | .00124 | .00248 | .00627 | .01342 | .75907 | .01077 |
| #3 | -.00028 | .00114 | .00063 | .00255 | .00620 | .01352 | .74675 | .01069 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .01045 | .21775 | .00134 | .02688 | .00390 | .00167 | .00299 | .02890 |
| Stddev | .00012 | .00445 | .00004 | .00015 | .00009 | .00012 | .00009 | .00077 |
| %RSD   | 1.1652 | 2.0451 | 2.8805 | .57518 | 2.2654 | 7.4563 | 3.0380 | 2.6808 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01057 | .22212 | .00134 | .02690 | .00397 | .00178 | .00304 | .02979 |
| #2 | .01033 | .21789 | .00130 | .02671 | .00392 | .00154 | .00304 | .02836 |
| #3 | .01046 | .21322 | .00138 | .02702 | .00380 | .00169 | .00288 | .02855 |

|        |        |        |        |         |        |         |         |         |
|--------|--------|--------|--------|---------|--------|---------|---------|---------|
| 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    | .02204 | .00130 | .02695 | .00292  | .10770 | .16295  | -.00022 | .00432  |
| Stddev | .00025 | .00004 | .00074 | .00015  | .02036 | .00278  | .00012  | .00030  |
| %RSD   | 1.1381 | 2.7285 | 2.7419 | 5.1622  | 18.906 | 1.7034  | 52.901  | 6.8743  |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .02191 | .00126 | .02780 | .00293 | .11417 | .16595 | -.00025 | .00466 |
| #2 | .02189 | .00133 | .02660 | .00306 | .12404 | .16241 | -.00032 | .00412 |
| #3 | .02233 | .00130 | .02646 | .00276 | .08489 | .16048 | -.00009 | .00417 |

|        |        |         |        |        |        |        |        |  |
|--------|--------|---------|--------|--------|--------|--------|--------|--|
| 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    | .00571 | .00420  | .02050 | .00122 | .03349 | .08560 | .65597 |  |
| Stddev | .00017 | .00023  | .00044 | .00011 | .00095 | .00207 | .01326 |  |
| %RSD   | 2.9540 | 5.3914  | 2.1663 | 9.1098 | 2.8336 | 2.4176 | 2.0211 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .00591 | .00441 | .02094 | .00110 | .03449 | .08723 | .67038 |  |
| #2 | .00560 | .00396 | .02050 | .00131 | .03336 | .08630 | .65322 |  |
| #3 | .00563 | .00423 | .02005 | .00125 | .03261 | .08327 | .64430 |  |

Sample Name: S1      Acquired: 2/18/2017 10:33:16      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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       | 31.336 | 1703.1 | 56121. | 8293.9 | 2430.8 |
| Stddev    | .985   | 5.2    | 355.   | 161.8  | 8.7    |
| %RSD      | 3.1421 | .30465 | .63191 | 1.9511 | .35912 |
| #1        | 30.384 | 1697.7 | 56324. | 8126.4 | 2422.9 |
| #2        | 31.274 | 1708.0 | 56326. | 8305.9 | 2440.2 |
| #3        | 32.350 | 1703.6 | 55711. | 8449.4 | 2429.4 |

Sample Name: S2      Acquired: 2/18/2017 10:37:23      Type: Cal  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | .03382 | .06098 | .81235 | .05295 | .11168 | 2.4960 | 9.0749 | .27081 |
| Stddev | .00033 | .00035 | .00513 | .00063 | .00061 | .0491  | .1909  | .00423 |
| %RSD   | .98623 | .57381 | .63090 | 1.1869 | .54684 | 1.9677 | 2.1034 | 1.5604 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03405 | .06067 | .80676 | .05231 | .11099 | 2.5172 | 9.1365 | .27434 |
| #2 | .03344 | .06089 | .81346 | .05298 | .11214 | 2.5309 | 9.2275 | .27196 |
| #3 | .03397 | .06136 | .81683 | .05356 | .11191 | 2.4398 | 8.8609 | .26613 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.2462 | 2.5627 | .45557 | .34600 | .49618 | .52928 | .68201 | .35131 |
| Stddev | .0089  | .0444  | .00740 | .00250 | .01040 | .01043 | .01376 | .00640 |
| %RSD   | .71013 | 1.7327 | 1.6241 | .72122 | 2.0964 | 1.9713 | 2.0182 | 1.8224 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.2362 | 2.5796 | .46036 | .34330 | .49997 | .53225 | .68764 | .35416 |
| #2 | 1.2496 | 2.5961 | .44705 | .34649 | .50416 | .53790 | .69207 | .35579 |
| #3 | 1.2529 | 2.5123 | .45930 | .34822 | .48442 | .51768 | .66632 | .34398 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .34105 | .05523 | .25728 | .03272 | 6.0450 | .95341 | .02934 | .33127 |
| Stddev | .00288 | .00084 | .00416 | .00056 | .0871  | .01594 | .00026 | .00489 |
| %RSD   | .84319 | 1.5236 | 1.6175 | 1.7132 | 1.4406 | 1.6715 | .89484 | 1.4764 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .33797 | .05579 | .25835 | .03324 | 5.9620 | .96043 | .02905 | .33507 |
| #2 | .34151 | .05426 | .26080 | .03280 | 6.1356 | .96464 | .02940 | .33298 |
| #3 | .34367 | .05563 | .25269 | .03213 | 6.0373 | .93517 | .02957 | .32575 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .64053 | .02835 | .24360 | .08790 | .39186 | 1.7942 | 7.6544 |  |
| Stddev | .00393 | .00011 | .00470 | .00040 | .00555 | .0382  | .1488  |  |
| %RSD   | .61340 | .40184 | 1.9285 | .45904 | 1.4174 | 2.1269 | 1.9445 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .63622 | .02822 | .24751 | .08747 | .39424 | 1.8073 | 7.7065 |  |
| #2 | .64143 | .02842 | .24489 | .08794 | .39584 | 1.8240 | 7.7701 |  |
| #3 | .64392 | .02841 | .23839 | .08828 | .38552 | 1.7512 | 7.4865 |  |

Sample Name: S2      Acquired: 2/18/2017 10:37:23      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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       | 30.210 | 1632.9 | 54000. | 8277.5 | 2130.8 |
| Stddev    | .473   | 8.5    | 711.   | 138.3  | 13.1   |
| %RSD      | 1.5653 | .51865 | 1.3158 | 1.6704 | .61257 |
| #1        | 30.644 | 1642.2 | 53662. | 8198.7 | 2144.8 |
| #2        | 29.706 | 1631.0 | 54817. | 8196.6 | 2128.8 |
| #3        | 30.280 | 1625.6 | 53522. | 8437.1 | 2118.9 |

Sample Name: S3      Acquired: 2/18/2017 10:41:18      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | .07252 | .12497 | 1.6977 | .10998 | .23560 | 5.0119 | 18.348 | .52792 |
| Stddev | .00155 | .00317 | .0441  | .00309 | .00591 | .0394  | .161   | .00360 |
| %RSD   | 2.1406 | 2.5335 | 2.5975 | 2.8126 | 2.5077 | .78559 | .87742 | .68286 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .07408 | .12855 | 1.7438 | .11335 | .24172 | 5.0027 | 18.271 | .52376 |
| #2 | .07253 | .12381 | 1.6932 | .10932 | .23516 | 5.0550 | 18.533 | .52989 |
| #3 | .07097 | .12254 | 1.6560 | .10728 | .22993 | 4.9779 | 18.240 | .53010 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.6218 | 5.0737 | .89150 | .73200 | .99229 | 1.0449 | 1.3412 | .70813 |
| Stddev | .0701  | .0374  | .00752 | .01834 | .00687 | .0058  | .0095  | .00343 |
| %RSD   | 2.6720 | .73615 | .84328 | 2.5053 | .69262 | .55150 | .71208 | .48416 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.6968 | 5.0652 | .89651 | .75163 | .99289 | 1.0429 | 1.3360 | .70606 |
| #2 | 2.6107 | 5.1146 | .89514 | .72905 | .99884 | 1.0515 | 1.3523 | .71209 |
| #3 | 2.5580 | 5.0414 | .88286 | .71531 | .98514 | 1.0405 | 1.3355 | .70625 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .71675 | .11287 | .53283 | .06465 | 12.237 | 1.8855 | .06439 | .64755 |
| Stddev | .01886 | .00088 | .00432 | .00057 | .468   | .0162  | .00169 | .00468 |
| %RSD   | 2.6319 | .78234 | .81159 | .87714 | 3.8233 | .85988 | 2.6243 | .72302 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .73686 | .11320 | .52933 | .06473 | 12.420 | 1.8837 | .06633 | .64237 |
| #2 | .71393 | .11355 | .53766 | .06518 | 11.706 | 1.9025 | .06363 | .65147 |
| #3 | .69945 | .11187 | .53149 | .06405 | 12.586 | 1.8702 | .06322 | .64882 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.3301 | .05978 | .46636 | .18551 | .77671 | 3.6168 | 15.326 |
| Stddev | .0328  | .00175 | .00419 | .00490 | .00570 | .0269  | .110   |
| %RSD   | 2.4687 | 2.9233 | .89758 | 2.6439 | .73420 | .74368 | .71846 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.3647 | .06170 | .46160 | .19044 | .78035 | 3.6068 | 15.301 |
| #2 | 1.3264 | .05934 | .46948 | .18546 | .77965 | 3.6472 | 15.447 |
| #3 | 1.2993 | .05829 | .46799 | .18063 | .77014 | 3.5963 | 15.231 |

Sample Name: S3      Acquired: 2/18/2017 10:41:18      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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       | 29.268 | 1516.8 | 52579. | 8303.6 | 1922.7 |
| Stddev    | .982   | 31.6   | 595.   | 40.3   | 43.7   |
| %RSD      | 3.3566 | 2.0803 | 1.1315 | .48546 | 2.2746 |
| #1        | 28.874 | 1483.9 | 52142. | 8328.5 | 1877.3 |
| #2        | 30.386 | 1519.5 | 52338. | 8257.1 | 1926.5 |
| #3        | 28.544 | 1546.9 | 53256. | 8325.3 | 1964.5 |

Sample Name: S4      Acquired: 2/18/2017 10:45:12      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | .14809 | .24015 | 3.3297 | .21955 | .47568 | 10.334 | 36.183 | 1.0570 |
| Stddev | .00389 | .00683 | .0922  | .00734 | .01342 | .089   | .169   | .0092  |
| %RSD   | 2.6239 | 2.8448 | 2.7693 | 3.3445 | 2.8213 | .85840 | .46758 | .86752 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .14706 | .23637 | 3.2858 | .21585 | .46858 | 10.351 | 36.084 | 1.0596 |
| #2 | .14482 | .23603 | 3.2676 | .21479 | .46730 | 10.413 | 36.378 | 1.0646 |
| #3 | .15239 | .24803 | 3.4356 | .22800 | .49116 | 10.238 | 36.086 | 1.0468 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 5.1434 | 10.031 | 1.7697 | 1.4477 | 2.0058 | 2.0269 | 2.6213 | 1.4248 |
| Stddev | .1414  | .096   | .0099  | .0395  | .0165  | .0202  | .0249  | .0138  |
| %RSD   | 2.7492 | .95816 | .55930 | 2.7304 | .82522 | .99440 | .95093 | .97178 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0788 | 10.024 | 1.7657 | 1.4289 | 2.0083 | 2.0304 | 2.6225 | 1.4216 |
| #2 | 5.0459 | 10.131 | 1.7624 | 1.4211 | 2.0210 | 2.0450 | 2.6456 | 1.4400 |
| #3 | 5.3056 | 9.9392 | 1.7810 | 1.4931 | 1.9882 | 2.0052 | 2.5958 | 1.4129 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.4067 | .23152 | 1.0791 | .12953 | 25.149 | 3.8011 | .13161 | 1.2452 |
| Stddev | .0385  | .00114 | .0094  | .00140 | 1.057  | .0304  | .00421 | .0115  |
| %RSD   | 2.7377 | .49420 | .86979 | 1.0828 | 4.2048 | .80035 | 3.1999 | .92095 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.3889 | .23132 | 1.0803 | .12939 | 24.351 | 3.8041 | .12899 | 1.2469 |
| #2 | 1.3804 | .23049 | 1.0878 | .13099 | 26.348 | 3.8299 | .12937 | 1.2558 |
| #3 | 1.4509 | .23275 | 1.0692 | .12820 | 24.747 | 3.7693 | .13647 | 1.2330 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 2.6263 | .12097 | .89831 | .36608 | 1.5571 | 7.3925 | 30.169 |  |
| Stddev | .0769  | .00356 | .00698 | .01125 | .0138  | .0626  | .324   |  |
| %RSD   | 2.9269 | 2.9427 | .77750 | 3.0718 | .88848 | .84623 | 1.0732 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 2.5904 | .11841 | .89962 | .35998 | 1.5586 | 7.4207 | 30.081 |  |
| #2 | 2.5740 | .11946 | .90455 | .35921 | 1.5702 | 7.4360 | 30.528 |  |
| #3 | 2.7146 | .12504 | .89077 | .37906 | 1.5426 | 7.3208 | 29.899 |  |

Sample Name: S4      Acquired: 2/18/2017 10:45:12      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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       | 27.702 | 1438.6 | 50297. | 8164.5 | 1795.4 |
| Stddev    | 1.097  | 34.6   | 254.   | 66.3   | 41.9   |
| %RSD      | 3.9607 | 2.4024 | .50498 | .81263 | 2.3362 |
| #1        | 28.514 | 1455.1 | 50364. | 8160.8 | 1816.3 |
| #2        | 26.454 | 1461.8 | 50511. | 8100.0 | 1822.9 |
| #3        | 28.139 | 1398.8 | 50016. | 8232.6 | 1747.2 |

Sample Name: S5      Acquired: 2/18/2017 10:49:21      Type: Cal  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | .30890 | .46165 | 6.5726 | .44721 | .99072 | 20.965 | 70.814 | 2.0969 |
| Stddev | .00290 | .00565 | .0711  | .00333 | .00839 | .661   | 1.428  | .0507  |
| %RSD   | .93849 | 1.2248 | 1.0816 | .74441 | .84733 | 3.1545 | 2.0172 | 2.4192 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .30912 | .46032 | 6.5700 | .44734 | .99191 | 20.205 | 69.173 | 2.0390 |
| #2 | .30590 | .45677 | 6.5029 | .44382 | .98179 | 21.410 | 71.782 | 2.1332 |
| #3 | .31168 | .46785 | 6.6450 | .45048 | .99846 | 21.279 | 71.486 | 2.1186 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 10.094 | 19.595 | 3.4392 | 2.8681 | 3.9859 | 3.8721 | 5.0307 | 2.8298 |
| Stddev | .113   | .540   | .0218  | .0312  | .1252  | .1108  | .1431  | .0798  |
| %RSD   | 1.1176 | 2.7563 | .63377 | 1.0861 | 3.1400 | 2.8611 | 2.8440 | 2.8210 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.081 | 18.972 | 3.4557 | 2.8632 | 3.8421 | 3.7442 | 4.8655 | 2.7377 |
| #2 | 9.9877 | 19.930 | 3.4145 | 2.8397 | 4.0701 | 3.9393 | 5.1154 | 2.8795 |
| #3 | 10.212 | 19.883 | 3.4474 | 2.9014 | 4.0454 | 3.9327 | 5.1113 | 2.8721 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.7698 | .48271 | 2.1446 | .25584 | 50.446 | 7.6573 | .27039 | 2.3663 |
| Stddev | .0282  | .00306 | .0667  | .00827 | 1.833  | .2405  | .00308 | .0526  |
| %RSD   | 1.0192 | .63296 | 3.1122 | 3.2334 | 3.6326 | 3.1407 | 1.1374 | 2.2235 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.7633 | .48395 | 2.0676 | .24629 | 49.150 | 7.3809 | .27026 | 2.3061 |
| #2 | 2.7453 | .47923 | 2.1864 | .26088 | 52.543 | 7.8182 | .26739 | 2.4032 |
| #3 | 2.8007 | .48495 | 2.1797 | .26034 | 49.646 | 7.7730 | .27353 | 2.3897 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 5.2522 | .24774 | 1.7278 | .72557 | 3.0670 | 14.986 | 59.223 |  |
| Stddev | .0532  | .00268 | .0380  | .00808 | .0900  | .519   | 1.096  |  |
| %RSD   | 1.0121 | 1.0804 | 2.1977 | 1.1139 | 2.9345 | 3.4616 | 1.8502 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 5.2559 | .24788 | 1.6843 | .72509 | 2.9638 | 14.391 | 57.963 |  |
| #2 | 5.1973 | .24500 | 1.7544 | .71775 | 3.1293 | 15.344 | 59.956 |  |
| #3 | 5.3034 | .25034 | 1.7448 | .73389 | 3.1079 | 15.222 | 59.749 |  |

Sample Name: S5      Acquired: 2/18/2017 10:49:21      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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       | 26.204 | 1313.5 | 47749. | 8061.5 | 1628.2 |
| Stddev    | .887   | 13.4   | 324.   | 200.8  | 17.1   |
| %RSD      | 3.3841 | 1.0239 | .67781 | 2.4912 | 1.0513 |
| #1        | 26.784 | 1310.4 | 47656. | 8292.6 | 1628.1 |
| #2        | 25.183 | 1328.2 | 48109. | 7929.3 | 1645.3 |
| #3        | 26.645 | 1301.8 | 47482. | 7962.7 | 1611.1 |

Sample Name: S6      Acquired: 2/18/2017 10:53:27      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S06      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Elem   | Al3961 | Ca3736 | Fe2598 | Mg2790 | Na8183 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 55.570 | 31.590 | 10.210 | 4.6132 | 5.9136 |
| Stddev | .216   | .186   | .067   | .0309  | .0355  |
| %RSD   | .38810 | .58947 | .65925 | .67014 | .60060 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 55.791 | 31.732 | 10.255 | 4.6374 | 5.9465 |
| #2 | 55.561 | 31.379 | 10.133 | 4.5784 | 5.8760 |
| #3 | 55.359 | 31.659 | 10.243 | 4.6239 | 5.9184 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 7635.7 |
| Stddev    | 53.0   |
| %RSD      | .69448 |

|    |        |
|----|--------|
| #1 | 7582.8 |
| #2 | 7688.9 |
| #3 | 7635.6 |

Sample Name: ICV      Acquired: 2/18/2017 11:22:14      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | .9281358 | 1.051423 | .9302544 | .9574569 | .9395499 | 2.456631 |
| Stddev | .0227571 | .006565  | .0021074 | .0039040 | .0016714 | .013156  |
| %RSD   | 2.451913 | .6243672 | .2265406 | .4077474 | .1778943 | .5355406 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9136342 | 1.043869 | .9313996 | .9563197 | .9402314 | 2.465832 |
| #2 | .9543646 | 1.054648 | .9278224 | .9618032 | .9376454 | 2.441562 |
| #3 | .9164087 | 1.055751 | .9315413 | .9542477 | .9407728 | 2.462500 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5043716 | .5014371 | .4493663 | 9.874228 | .5120610 | .4495015 |
| Stddev | .0015268 | .0021068 | .0009096 | .032189  | .0020227 | .0003273 |
| %RSD   | .3027121 | .4201501 | .2024154 | .3259908 | .3950065 | .0728082 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5032013 | .5025991 | .4493928 | 9.866575 | .5099199 | .4496580 |
| #2 | .5038149 | .5027069 | .4484438 | 9.846555 | .5123233 | .4491253 |
| #3 | .5060986 | .4990051 | .4502624 | 9.909554 | .5139397 | .4497211 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5157889 | 5.235894 | .5196516 | 5.553882 | .4579850 | .4532434 |
| Stddev | .0024227 | .043534  | .0021377 | .053309  | .0014759 | .0004342 |
| %RSD   | .4697069 | .8314508 | .4113811 | .9598485 | .3222610 | .0957915 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5160153 | 5.192873 | .5184239 | 5.525724 | .4584845 | .4536801 |
| #2 | .5132610 | 5.279923 | .5221200 | 5.615366 | .4563242 | .4532381 |
| #3 | .5180904 | 5.234885 | .5184108 | 5.520557 | .4591464 | .4528118 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.198505 | .5417509 | .9775229 | 9.231484 | F .0047775 | F -.001977 |
| Stddev | .012962  | .0041395 | .0206021 | .069397  | .0053648   | .001264    |
| %RSD   | .1409114 | .7640891 | 2.107583 | .7517399 | 112.2938   | 63.94597   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.187248 | .5453507 | 1.000878 | 9.287090 | .0035853 | -.002657 |
| #2 | 9.195592 | .5426741 | .969763  | 9.253649 | .0001090 | -.002756 |
| #3 | 9.212676 | .5372277 | .961928  | 9.153712 | .0106381 | -.000518 |

Sample Name: ICV      Acquired: 2/18/2017 11:22:14      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICV      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |          |            |          |          |
|--------|------------|----------|----------|------------|----------|----------|
| Elem   | Mo2020     | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units  | ppm        | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | F -.000977 | -.011979 | -.001625 | F .0036230 | -.000471 | -.002226 |
| Stddev | .000347    | .002723  | .001316  | .0015036   | .000737  | .000945  |
| %RSD   | 35.50466   | 22.73348 | 80.99650 | 41.50224   | 156.3131 | 42.43901 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000585 | -.010885 | -.003036 | .0039776 | -.000409 | -.002796 |
| #2 | -.001245 | -.015079 | -.000430 | .0019738 | .000232  | -.001136 |
| #3 | -.001100 | -.009973 | -.001410 | .0049177 | -.001238 | -.002748 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0117921 |
| Stddev | .0000948 |
| %RSD   | .8039089 |

|    |          |
|----|----------|
| #1 | .0118523 |
| #2 | .0118411 |
| #3 | .0116828 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 30.69887 | 1559.752 | 53982.07 | 8138.430 | 2270.718 |
| Stddev    | .57768   | 3.700    | 295.93   | 17.206   | 4.314    |
| %RSD      | 1.881763 | .2372193 | .5482095 | .2114142 | .1899672 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 30.46948 | 1559.570 | 54274.32 | 8125.925 | 2267.881 |
| #2 | 30.27112 | 1556.147 | 53989.29 | 8131.312 | 2268.592 |
| #3 | 31.35602 | 1563.540 | 53682.58 | 8158.052 | 2275.682 |

Sample Name: ICB      Acquired: 2/18/2017 11:46:31      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | .0018549 | -.003614 | -.004032 | .0028575 | -.000483 | -.004289 | -.001937 |
| Stddev | .0056610 | .005487  | .001601  | .0017451 | .001805  | .003420  | .000324  |
| %RSD   | 305.1950 | 151.8128 | 39.69648 | 61.07264 | 373.8281 | 79.72070 | 16.73280 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004102 | .002715  | -.004801 | .0041985 | .000061  | -.002278 | -.002296 |
| #2 | .007165  | -.007031 | -.005104 | .0008844 | .000988  | -.008238 | -.001850 |
| #3 | .002502  | -.006526 | -.002192 | .0034895 | -.002497 | -.002353 | -.001665 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000276 | .0000766 | .0084180 | .0002979 | .0002141 | .0020313 | .0025009 |
| Stddev | .0000337 | .0000695 | .0072432 | .0002301 | .0001073 | .0010275 | .0067201 |
| %RSD   | 122.0559 | 90.65058 | 86.04493 | 77.26402 | 50.14114 | 50.58431 | 268.7116 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000649 | .0001218 | .0156646 | .0004826 | .0001860 | .0008934 | -.005257 |
| #2 | .0000187 | -.000003 | .0011781 | .0000400 | .0003326 | .0028912 | .006245  |
| #3 | -.000001 | .000111  | .0084112 | .0003710 | .0001236 | .0023093 | .006515  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006892 | .0348661 | .0003575 | .0001655 | -.207302 | .0004508 | .0022590 |
| Stddev | .0003214 | .0294154 | .0004366 | .0001664 | .108881  | .0020768 | .0087908 |
| %RSD   | 46.63989 | 84.36676 | 122.1254 | 100.5778 | 52.52304 | 460.6309 | 389.1514 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010191 | .0324063 | .0007541 | .0001564 | -.241819 | -.001775 | .0038911 |
| #2 | .0003770 | .0067579 | -.000110 | .0003362 | -.294742 | .002336  | .0101193 |
| #3 | .0006713 | .0654343 | .000429  | .0000038 | -.085346 | .000792  | -.007234 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.423861 | .0063444 | -.004694 | -.000575 | -.010806 | -.006516 | .0008723 |
| Stddev | .006000  | .0044409 | .000357  | .000192  | .007790  | .000593  | .0027477 |
| %RSD   | 1.415474 | 69.99783 | 7.612536 | 33.32836 | 72.09191 | 9.095321 | 314.9907 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.421329 | .0105597 | -.004376 | -.000587 | -.012446 | -.006378 | .0040184 |
| #2 | -.430711 | .0017078 | -.005081 | -.000378 | -.017645 | -.006005 | -.000345 |
| #3 | -.419542 | .0067657 | -.004626 | -.000761 | -.002326 | -.007166 | -.001056 |

Sample Name: ICB      Acquired: 2/18/2017 11:46:31      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | -.000748 | -.002992 | -.000070 |
| Stddev | .000873  | .000346  | .000016  |
| %RSD   | 116.7127 | 11.55435 | 23.07810 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000823 | -.003380 | -.000052 |
| #2 | -.001582 | -.002715 | -.000082 |
| #3 | .000160  | -.002883 | -.000077 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 30.87778 | 1565.994 | 54811.66 | 8205.425 | 2380.534 |
| Stddev    | 1.75449  | 4.357    | 436.54   | 11.233   | 7.133    |
| %RSD      | 5.682063 | .2782163 | .7964323 | .1369025 | .2996552 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 29.51250 | 1570.500 | 54483.83 | 8206.425 | 2372.744 |
| #2 | 30.26417 | 1561.803 | 55307.18 | 8193.725 | 2386.747 |
| #3 | 32.85667 | 1565.680 | 54643.98 | 8216.125 | 2382.112 |

Sample Name: ICSA      Acquired: 2/18/2017 11:50:38      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | .0039692 | -.003401 | -.005500 | .0055826 | .0068140 | 258.6091 |
| Stddev | .0101157 | .003502  | .001826  | .0077816 | .0002981 | 2.5536   |
| %RSD   | 254.8534 | 102.9601 | 33.19347 | 139.3904 | 4.374879 | .9874219 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0027309 | -.001042 | -.004668 | .0128041 | .0065394 | 257.3418 |
| #2 | -.005470 | -.007424 | -.004239 | -.002659 | .0067717 | 256.9370 |
| #3 | .014647  | -.001737 | -.007594 | .006602  | .0071310 | 261.5484 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037684 | .0009402 | .0012593 | 242.4659 | .0487314 | -.001854 |
| Stddev | .0002010 | .0000938 | .0002754 | 1.7644   | .0003548 | .000115  |
| %RSD   | 5.333881 | 9.974042 | 21.87181 | .7276722 | .7279929 | 6.220075 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0039185 | .0010200 | .0010276 | 241.7857 | .0487150 | -.001817 |
| #2 | .0038467 | .0009637 | .0011865 | 241.1428 | .0490940 | -.001761 |
| #3 | .0035401 | .0008369 | .0015638 | 244.4690 | .0483851 | -.001983 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0211759 | 100.8442 | .0113043 | 248.6377 | -.000211 | -.005184 |
| Stddev | .0021486 | .6796    | .0008134 | 1.6428   | .000232  | .000512  |
| %RSD   | 10.14625 | .6739522 | 7.195489 | .6607332 | 110.0363 | 9.877640 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0201341 | 100.4955 | .0111133 | 247.8124 | -.000438 | -.005762 |
| #2 | .0197469 | 100.4095 | .0106034 | 247.5711 | -.000222 | -.005000 |
| #3 | .0236468 | 101.6274 | .0121962 | 250.5296 | .000027  | -.004788 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.061931 | -.001970 | .0165320 | -.577265 | -.004429 | F .0277971 |
| Stddev | .205290  | .003969  | .0154636 | .003864  | .005552  | .0016400   |
| %RSD   | 331.4830 | 201.5115 | 93.53687 | .6693395 | 125.3736 | 5.900062   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.133365 | .001112  | .0343788 | -.577975 | -.008726 | .0294928 |
| #2 | .169533  | -.000573 | .0071182 | -.573095 | .001841  | .0276794 |
| #3 | -.221960 | -.006449 | .0080991 | -.580724 | -.006401 | .0262190 |

Sample Name: ICSA      Acquired: 2/18/2017 11:50:38      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | -.001383 | .0082842 | -.010043 | .0000220 | -.002845 | -.001569 |
| Stddev | .000510  | .0037619 | .001825  | .0023956 | .000488  | .000302  |
| %RSD   | 36.89870 | 45.41040 | 18.17548 | 10876.75 | 17.16351 | 19.25994 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000802 | .0045927 | -.011779 | -.002697 | -.002447 | -.001660 |
| #2 | -.001587 | .0081472 | -.008140 | .001820  | -.002698 | -.001232 |
| #3 | -.001759 | .0121127 | -.010209 | .000944  | -.003390 | -.001816 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1053597 |
| Stddev | .0009258 |
| %RSD   | .8786688 |

|    |          |
|----|----------|
| #1 | .1051761 |
| #2 | .1045395 |
| #3 | .1063635 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 28.62735 | 1436.019 | 49876.66 | 7961.480 | 1863.078 |
| Stddev    | .72226   | 1.830    | 142.61   | 53.427   | 2.783    |
| %RSD      | 2.522965 | .1274659 | .2859294 | .6710646 | .1493731 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 28.55956 | 1437.913 | 49721.69 | 7977.875 | 1866.114 |
| #2 | 29.38111 | 1434.260 | 49905.94 | 8004.788 | 1862.474 |
| #3 | 27.94137 | 1435.883 | 50002.37 | 7901.777 | 1860.647 |

Sample Name: ICSAB      Acquired: 2/18/2017 11:54:42      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | .1006783 | .1064385 | .0470738 | .0537431 | .6011072 | 260.1543 |
| Stddev | .0090552 | .0049546 | .0021444 | .0068794 | .0062213 | .1018    |
| %RSD   | 8.994166 | 4.654870 | 4.555347 | 12.80061 | 1.034966 | .0391257 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1102746 | .1060035 | .0491392 | .0616782 | .5941387 | 260.1979 |
| #2 | .0994761 | .1017157 | .0472239 | .0500940 | .6030801 | 260.2271 |
| #3 | .0922843 | .1115962 | .0448584 | .0494569 | .6061027 | 260.0380 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5306273 | .5318366 | .9703111 | 244.5726 | .5784445 | .4862799 |
| Stddev | .0013324 | .0007178 | .0071319 | .3790    | .0049300 | .0041377 |
| %RSD   | .2511039 | .1349662 | .7350095 | .1549781 | .8522785 | .8508826 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5297090 | .5311735 | .9621612 | 244.9244 | .5812263 | .4815148 |
| #2 | .5321555 | .5325988 | .9733619 | 244.1712 | .5813547 | .4883605 |
| #3 | .5300174 | .5317375 | .9754101 | 244.6221 | .5727523 | .4889642 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5464833 | 101.7941 | .5311038 | 250.9238 | .9720942 | .1909245 |
| Stddev | .0023002 | .1942    | .0009844 | .0468    | .0070305 | .0010203 |
| %RSD   | .4209109 | .1907688 | .1853544 | .0186641 | .7232370 | .5343845 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5485844 | 101.9161 | .5305687 | 250.8943 | .9639799 | .1920255 |
| #2 | .5440256 | 101.8960 | .5305028 | 250.8993 | .9763681 | .1907369 |
| #3 | .5468398 | 101.5702 | .5322399 | 250.9778 | .9759346 | .1900110 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.042666 | .5563119 | .9792847 | -.581916 | -.009954 | F .0270177 |
| Stddev | .014255  | .0052771 | .0473780 | .035237  | .000553  | .0010620   |
| %RSD   | 33.40945 | .9485842 | 4.838017 | 6.055256 | 5.559612 | 3.930562   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.032211 | .5554980 | .9998258 | -.567934 | -.009491 | .0258805 |
| #2 | -.036885 | .5514891 | 1.012926 | -.555816 | -.009805 | .0271889 |
| #3 | -.058903 | .5619487 | .925103  | -.621998 | -.010567 | .0279836 |

Sample Name: ICSAB      Acquired: 2/18/2017 11:54:42      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | -.001266 | -.012829 | -.005537 | -.001110 | -.003563 | -.001256 |
| Stddev | .000702  | .007709  | .002154  | .004334  | .001132  | .000913  |
| %RSD   | 55.45831 | 60.09370 | 38.91207 | 390.4133 | 31.76257 | 72.70117 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000956 | -.004278 | -.007937 | -.006115 | -.002503 | -.001482 |
| #2 | -.002069 | -.019248 | -.003770 | .001441  | -.003431 | -.002034 |
| #3 | -.000772 | -.014962 | -.004903 | .001344  | -.004755 | -.000251 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1063011 |
| Stddev | .0000774 |
| %RSD   | .0728198 |

|    |          |
|----|----------|
| #1 | .1063174 |
| #2 | .1063690 |
| #3 | .1062168 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 29.90255 | 1440.131 | 49949.50 | 8030.982 | 1865.378 |
| Stddev    | .67799   | 7.701    | 360.62   | 17.490   | 13.816   |
| %RSD      | 2.267333 | .5347749 | .7219739 | .2177805 | .7406672 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 29.40652 | 1448.343 | 49695.77 | 8036.953 | 1881.091 |
| #2 | 29.62603 | 1438.980 | 49790.42 | 8011.289 | 1859.912 |
| #3 | 30.67510 | 1433.070 | 50362.31 | 8044.705 | 1855.131 |

Sample Name: CCV084      Acquired: 2/18/2017 11:58:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV084      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.039691 | 4.823037 | 24.51685 | 5.023971 | 5.028271 | 420.4964 | 10.10980 |
| Stddev | .021166  | .026667  | .13285   | .042397  | .028685  | .5811    | .05846   |
| %RSD   | .4199924 | .5529083 | .5418692 | .8438904 | .5704832 | .1381897 | .5782736 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.015290 | 4.800702 | 24.40110 | 4.997205 | 5.019172 | 419.8283 | 10.04701 |
| #2 | 5.053100 | 4.815848 | 24.48755 | 5.001855 | 5.005238 | 420.7767 | 10.16266 |
| #3 | 5.050683 | 4.852562 | 24.66190 | 5.072853 | 5.060402 | 420.8842 | 10.11972 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5195986 | 2.414278 | 398.4861 | 15.50129 | 2.464751 | 15.62110 | 396.0263 |
| Stddev | .0002155 | .015433  | .7353    | .03710   | .014374  | .03913   | .9843    |
| %RSD   | .0414711 | .6392313 | .1845112 | .2393490 | .5831937 | .2504993 | .2485381 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5194378 | 2.401322 | 397.9498 | 15.54383 | 2.454373 | 15.58032 | 395.3208 |
| #2 | .5198435 | 2.410159 | 398.1842 | 15.47565 | 2.458722 | 15.62465 | 395.6073 |
| #3 | .5195146 | 2.431352 | 399.3242 | 15.48437 | 2.481158 | 15.65834 | 397.1507 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.69931 | 391.8775 | 2.460658 | 1.228492 | 392.2466 | 2.623195 | 14.74729 |
| Stddev | .03955   | .6436    | .013334  | .002872  | 1.2733   | .008979  | .31906   |
| %RSD   | .2690645 | .1642262 | .5418834 | .2338127 | .3246140 | .3422938 | 2.163537 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.66204 | 391.4439 | 2.451204 | 1.231279 | 391.2424 | 2.613028 | 15.09982 |
| #2 | 14.69509 | 391.5716 | 2.454861 | 1.228656 | 391.8188 | 2.630039 | 14.66371 |
| #3 | 14.74080 | 392.6170 | 2.475909 | 1.225541 | 393.6788 | 2.626517 | 14.47833 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 157.7020 | 5.003625 | 4.838120 | 4.974300 | 5.072379 | 4.744276 | 4.907467 |
| Stddev | .3058    | .022011  | .017927  | .030049  | .030406  | .003396  | .043674  |
| %RSD   | .1939209 | .4399108 | .3705289 | .6040879 | .5994464 | .0715868 | .8899497 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 157.4837 | 4.985037 | 4.830616 | 4.954259 | 5.038743 | 4.748178 | 4.883726 |
| #2 | 157.5708 | 4.997905 | 4.858580 | 4.959791 | 5.080481 | 4.741988 | 4.880806 |
| #3 | 158.0516 | 5.027931 | 4.825165 | 5.008850 | 5.097914 | 4.742662 | 4.957869 |

Sample Name: CCV084      Acquired: 2/18/2017 11:58:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV084      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.221201 | 5.234113 | 5.179203 |
| Stddev | .013413  | .003858  | .015816  |
| %RSD   | .2568958 | .0737047 | .3053798 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.207292 | 5.229915 | 5.173631 |
| #2 | 5.222257 | 5.234921 | 5.166927 |
| #3 | 5.234055 | 5.237503 | 5.197052 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 26.67741 | 1293.117 | 46751.97 | 7724.460 | 1606.121 |
| Stddev    | .68322   | 6.281    | 127.56   | 13.512   | 7.006    |
| %RSD      | 2.561046 | .4857598 | .2728359 | .1749243 | .4362106 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 25.91667 | 1298.161 | 46627.52 | 7737.125 | 1611.775 |
| #2 | 26.87683 | 1295.110 | 46882.42 | 7726.019 | 1608.305 |
| #3 | 27.23873 | 1286.081 | 46745.95 | 7710.236 | 1598.283 |

Sample Name: CCB084      Acquired: 2/18/2017 12:02:48      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB084      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0050983 | -.003253 | -.001153 | .0023554 | .0036472 | -.002397 | -.002151 |
| Stddev | .0060975 | .005028  | .000595  | .0034444 | .0038649 | .006591  | .000168  |
| %RSD   | 119.5991 | 154.5867 | 51.54946 | 146.2312 | 105.9696 | 275.0035 | 7.815970 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0120159 | -.003438 | -.000697 | .0052516 | .0052918 | -.007999 | -.001993 |
| #2 | .0005040 | -.008186 | -.000938 | .0032681 | -.000768 | .004866  | -.002132 |
| #3 | .0027749 | .001866  | -.001826 | -.001453 | .006418  | -.004057 | -.002328 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000344 | .0001280 | .0111395 | .0006123 | .0004396 | .0026964 | -.007273 |
| Stddev | .0000821 | .0002177 | .0031210 | .0003692 | .0004596 | .0006965 | .013034  |
| %RSD   | 238.9670 | 170.1036 | 28.01775 | 60.29335 | 104.5532 | 25.83205 | 179.1976 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001245 | .0003103 | .0107857 | .0010374 | .0000055 | .0028233 | .002322  |
| #2 | -.000036 | .0001867 | .0082105 | .0004266 | .0009210 | .0033207 | -.022112 |
| #3 | .000015  | -.000113 | .0144224 | .0003728 | .0003921 | .0019451 | -.002030 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012618 | .0412280 | .0000866 | .0004550 | -.086809 | -.002509 | .0018692 |
| Stddev | .0008041 | .0297365 | .0001398 | .0000760 | .117842  | .001401  | .0230778 |
| %RSD   | 63.72718 | 72.12682 | 161.4391 | 16.70224 | 135.7474 | 55.82592 | 1234.628 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011293 | .0425118 | -.000052 | .0003949 | -.057459 | -.001214 | .0025346 |
| #2 | .0021239 | .0703018 | .000085  | .0005404 | -.216552 | -.002317 | -.021534 |
| #3 | .0005322 | .0108705 | .000227  | .0004297 | .013583  | -.003996 | .024607  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.407185 | .0033554 | .0001451 | -.000221 | -.012947 | -.005506 | .0027240 |
| Stddev | .034391  | .0022872 | .0018841 | .000513  | .011386  | .001158  | .0011925 |
| %RSD   | 8.446040 | 68.16463 | 1298.702 | 232.4544 | 87.94908 | 21.03018 | 43.77785 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.397124 | .0049819 | .0007752 | -.000239 | -.025863 | -.004578 | .0033778 |
| #2 | -.378946 | .0007402 | .0016334 | -.000724 | -.008617 | -.005137 | .0034465 |
| #3 | -.445484 | .0043441 | -.001973 | .000301  | -.004360 | -.006803 | .0013476 |

Sample Name: CCB084      Acquired: 2/18/2017 12:02:48      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB084      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000889 | -.002574 | -.000059 |
| Stddev | .001010  | .001026  | .000037  |
| %RSD   | 113.6398 | 39.86423 | 62.44977 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001717 | -.001459 | -.000018 |
| #2 | -.001186 | -.003479 | -.000088 |
| #3 | .000237  | -.002784 | -.000072 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 30.52694 | 1574.270 | 55276.82 | 8164.950 | 2375.137 |
| Stddev    | 1.53748  | 3.114    | 644.02   | 22.910   | 2.812    |
| %RSD      | 5.036469 | .1978289 | 1.165080 | .2805859 | .1183876 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 30.43500 | 1570.677 | 55356.15 | 8147.525 | 2373.105 |
| #2 | 32.10833 | 1576.190 | 54596.81 | 8190.900 | 2378.346 |
| #3 | 29.03750 | 1575.943 | 55877.50 | 8156.425 | 2373.960 |

Sample Name: PB96889BL      Acquired: 2/18/2017 12:06:56      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PBW001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061709 | -.005321 | -.003262 | .0026642 | .0023861 | -.001410 | -.002101 |
| Stddev | .0069705 | .003563  | .001014  | .0092510 | .0039336 | .005639  | .000300  |
| %RSD   | 112.9558 | 66.96630 | 31.09248 | 347.2379 | 164.8517 | 399.8741 | 14.25286 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0140764 | -.008812 | -.002168 | .0051220 | .0009608 | .004456  | -.001811 |
| #2 | .0035277 | -.001689 | -.004170 | -.007568 | .0068336 | -.006791 | -.002083 |
| #3 | .0009087 | -.005463 | -.003448 | .010438  | -.000636 | -.001896 | -.002410 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000008 | .0001382 | -.001286 | .0000509 | .0001746 | .0029979 | -.006030 |
| Stddev | .000066  | .0001640 | .005149  | .0002852 | .0002300 | .0012081 | .005326  |
| %RSD   | 800.9894 | 118.6488 | 400.4657 | 560.2818 | 131.7400 | 40.29648 | 88.33335 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000034 | -.000041 | -.003830 | -.000003 | .0004391 | .0034624 | -.000909 |
| #2 | -.000057 | .000281  | -.004667 | .000359  | .0000629 | .0016266 | -.011540 |
| #3 | .000066  | .000175  | .004640  | -.000204 | .0000217 | .0039048 | -.005639 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008058 | .0057251 | .0005908 | .0003281 | -.165926 | -.002243 | -.004621 |
| Stddev | .0006789 | .0057587 | .0002475 | .0001403 | .104976  | .001158  | .019562  |
| %RSD   | 84.24890 | 100.5865 | 41.88447 | 42.74797 | 63.26677 | 51.60814 | 423.3018 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008581 | .0056992 | .0006725 | .0004884 | -.285742 | -.002993 | -.011184 |
| #2 | .0014571 | -.000021 | .0003128 | .0002684 | -.090107 | -.000910 | .017379  |
| #3 | .0001023 | .011497  | .0007871 | .0002276 | -.121930 | -.002826 | -.020058 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.437886 | .0045631 | -.003377 | -.000675 | -.016472 | -.005928 | .0041120 |
| Stddev | .039161  | .0067702 | .001214  | .000185  | .005254  | .001114  | .0005961 |
| %RSD   | 8.943227 | 148.3686 | 35.94873 | 27.38653 | 31.89818 | 18.79262 | 14.49605 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.437914 | .0119728 | -.003815 | -.000468 | -.022533 | -.004973 | .0044684 |
| #2 | -.398710 | .0030164 | -.002005 | -.000734 | -.013209 | -.007152 | .0044437 |
| #3 | -.477033 | -.001300 | -.004312 | -.000823 | -.013674 | -.005659 | .0034238 |

Sample Name: PB96889BL      Acquired: 2/18/2017 12:06:56      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: PBW001      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0008078 | -.003578 | .0000200 |
| Stddev | .0015575 | .000622  | .0000454 |
| %RSD   | 192.8226 | 17.38155 | 226.9212 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0009682 | -.004232 | .0000647 |
| #2 | -.000824 | -.003506 | .0000212 |
| #3 | .002279  | -.002995 | -.000026 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 30.58139 | 1560.982 | 55001.79 | 8055.983 | 2362.193 |
| Stddev    | 1.70129  | 10.697   | 425.18   | 27.853   | 8.913    |
| %RSD      | 5.563149 | .6852721 | .7730370 | .3457440 | .3773326 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 32.05250 | 1573.333 | 54631.28 | 8086.325 | 2372.118 |
| #2 | 30.97333 | 1554.693 | 54908.07 | 8031.575 | 2359.588 |
| #3 | 28.71833 | 1554.920 | 55466.02 | 8050.050 | 2354.872 |

Sample Name: I1680-01      Acquired: 2/18/2017 12:15:10      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | -.016500 | -.001058 | -.000870 | .0026082 | .0015861 | .0132941 | .0172757 |
| Stddev | .012981  | .006294  | .000954  | .0062036 | .0023897 | .0068937 | .0002973 |
| %RSD   | 78.66945 | 594.7564 | 109.6831 | 237.8504 | 150.6667 | 51.85519 | 1.721046 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003306 | .005939  | -.001156 | .0066638 | .0005433 | .0141993 | .0169452 |
| #2 | -.016938 | -.002855 | .000195  | .0056939 | -.000105 | .0196903 | .0175213 |
| #3 | -.029257 | -.006259 | -.001649 | -.004533 | .004320  | .0059925 | .0173607 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000951 | .0002017 | 349.4925 | .0001047 | -.001485 | .0039711 | 2.022674 |
| Stddev | .0000627 | .0001024 | 1.9829   | .0004009 | .000324  | .0007565 | .007489  |
| %RSD   | 66.00002 | 50.79051 | .5673545 | 382.8475 | 21.82801 | 19.04970 | .3702671 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000248 | .0000979 | 349.8502 | -.000354 | -.001455 | .0038218 | 2.020749 |
| #2 | .0001454 | .0003027 | 347.3552 | .000386  | -.001177 | .0033004 | 2.030938 |
| #3 | .0001151 | .0002045 | 351.2722 | .000283  | -.001823 | .0047911 | 2.016335 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5658913 | 37.96373 | .0019775 | .0001574 | 4.763490 | .0004472 | .0331893 |
| Stddev | .0066544 | .29688   | .0005522 | .0002572 | .067759  | .0029837 | .0175429 |
| %RSD   | 1.175922 | .7820126 | 27.92261 | 163.4179 | 1.422470 | 667.1551 | 52.85699 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5668982 | 37.96978 | .0021707 | .0001622 | 4.811891 | .0035627 | .0357516 |
| #2 | .5587908 | 37.66387 | .0024071 | .0004121 | 4.686051 | .0001632 | .0493101 |
| #3 | .5719850 | 38.25754 | .0013547 | -.000102 | 4.792528 | -.002384 | .0145062 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.777282 | .0137632 | .0470996 | -.000722 | 190.7683 | 5.652016 | -.005368 |
| Stddev | .068132  | .0026369 | .0010942 | .000253  | 1.3131   | .041758  | .003418  |
| %RSD   | 1.179306 | 19.15910 | 2.323109 | 35.04075 | .6883198 | .7388160 | 63.68360 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.835141 | .0107444 | .0459651 | -.000588 | 191.1356 | 5.663146 | -.006634 |
| #2 | 5.702188 | .0156163 | .0471853 | -.001013 | 189.3107 | 5.605821 | -.007972 |
| #3 | 5.794518 | .0149291 | .0481484 | -.000563 | 191.8586 | 5.687082 | -.001497 |

Sample Name: I1680-01      Acquired: 2/18/2017 12:15:10      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | -.010060 | .0246548 | .9207343 |
| Stddev | .000862  | .0007805 | .0070366 |
| %RSD   | 8.570950 | 3.165855 | .7642409 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.010075 | .0249934 | .9213093 |
| #2 | -.010914 | .0237621 | .9134279 |
| #3 | -.009190 | .0252088 | .9274658 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 30.82377 | 1442.927 | 51776.84 | 8142.827 | 2007.077 |
| Stddev    | 1.28798  | 6.968    | 242.16   | 56.246   | 12.915   |
| %RSD      | 4.178532 | .4828864 | .4677067 | .6907387 | .6434545 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 29.72089 | 1440.867 | 51936.30 | 8107.325 | 2005.620 |
| #2 | 32.23929 | 1450.693 | 51896.03 | 8207.677 | 2020.658 |
| #3 | 30.51113 | 1437.222 | 51498.18 | 8113.480 | 1994.953 |

Sample Name: I1680-02      Acquired: 2/18/2017 12:19:15      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | -.009867 | -.001767 | -.001969 | .0004059 | .0008352 | .0508814 | -.001289 |
| Stddev | .002822  | .002169  | .001770  | .0057479 | .0029466 | .0032532 | .000240  |
| %RSD   | 28.60040 | 122.7510 | 89.92385 | 1416.046 | 352.8129 | 6.393737 | 18.63414 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.007267 | -.004165 | -.003045 | .0066094 | -.002318 | .0546124 | -.001566 |
| #2 | -.012868 | .000057  | -.002935 | -.000652 | .001305  | .0493947 | -.001164 |
| #3 | -.009466 | -.001193 | .000075  | -.004739 | .003518  | .0486372 | -.001137 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000010 | .0000527 | .0328574 | .0005431 | .0002353 | .0014859 | .0728061 |
| Stddev | .000048  | .0002077 | .0083714 | .0004822 | .0000676 | .0028831 | .0129740 |
| %RSD   | 491.0619 | 394.0811 | 25.47809 | 88.78598 | 28.73207 | 194.0326 | 17.82000 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000061 | -.000069 | .0370675 | .0000539 | .0002559 | .0013419 | .0579501 |
| #2 | .000033  | -.000065 | .0382881 | .0010180 | .0002901 | .0044382 | .0819074 |
| #3 | -.000000 | .000292  | .0232166 | .0005576 | .0001598 | -.001322 | .0785607 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065876 | .0054405 | .0000442 | .0003762 | -.043941 | -.003023 | .0052572 |
| Stddev | .0003995 | .0284305 | .0001529 | .0004643 | .062820  | .000917  | .0266640 |
| %RSD   | 6.065167 | 522.5671 | 346.1377 | 123.4305 | 142.9649 | 30.34961 | 507.1943 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065611 | -.016267 | -.000117 | .0000760 | .025423  | -.002100 | .0337477 |
| #2 | .0062020 | -.005034 | .000188  | .0001416 | -.097005 | -.003034 | .0011206 |
| #3 | .0069998 | .037622  | .000061  | .0009110 | -.060241 | -.003935 | -.019097 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -1.69777 | .0104979 | -.005348 | -.000555 | -.021895 | -.000966 | .0025514 |
| Stddev | .03534   | .0035021 | .001329  | .000714  | .008996  | .000149  | .0004757 |
| %RSD   | 2.081466 | 33.35996 | 24.84691 | 128.6174 | 41.08615 | 15.37696 | 18.64615 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -1.72869 | .0117594 | -.006868 | .000001  | -.017998 | -.001037 | .0020275 |
| #2 | -1.65925 | .0131944 | -.004407 | -.000306 | -.015504 | -.000795 | .0029564 |
| #3 | -1.70538 | .0065398 | -.004769 | -.001360 | -.032182 | -.001066 | .0026704 |

Sample Name: I1680-02      Acquired: 2/18/2017 12:19:15      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | .0007614 | -.006533 | .0000363 |
| Stddev | .0007648 | .000639  | .0000017 |
| %RSD   | 100.4508 | 9.782976 | 4.737669 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0011788 | -.007006 | .0000353 |
| #2 | .0012268 | -.005806 | .0000383 |
| #3 | -.000121 | -.006788 | .0000353 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 30.59111 | 1615.590 | 56199.61 | 8490.375 | 2474.022 |
| Stddev    | .34175   | 12.245   | 46.34    | 123.002  | 22.685   |
| %RSD      | 1.117162 | .7579099 | .0824473 | 1.448726 | .9169145 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 30.45917 | 1612.413 | 56150.64 | 8396.625 | 2464.637 |
| #2 | 30.33500 | 1605.247 | 56205.43 | 8444.850 | 2457.535 |
| #3 | 30.97917 | 1629.110 | 56242.76 | 8629.650 | 2499.893 |

Sample Name: I1680-03      Acquired: 2/18/2017 12:23:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | -.005730 | -.000074 | .0138961 | .0122911 | .0019985 | .3715829 | .0245385 |
| Stddev | .007205  | .004641  | .0016945 | .0015361 | .0016677 | .0116102 | .0004432 |
| %RSD   | 125.7531 | 6293.138 | 12.19412 | 12.49805 | 83.44868 | 3.124513 | 1.806126 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.006490 | -.004073 | .0122692 | .0105763 | .0029631 | .3581820 | .0240761 |
| #2 | -.012525 | -.001164 | .0137682 | .0127554 | .0000728 | .3779540 | .0249596 |
| #3 | .001825  | .005015  | .0156510 | .0135415 | .0029596 | .3786126 | .0245798 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001655 | .0004706 | 288.9278 | .0024507 | -.001895 | .0045913 | 6.191250 |
| Stddev | .0001115 | .0000777 | 1.9534   | .0003641 | .000270  | .0012475 | .031563  |
| %RSD   | 67.38622 | 16.50741 | .6760903 | 14.85669 | 14.24412 | 27.17062 | .5097983 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002542 | .0004826 | 290.9032 | .0021436 | -.001589 | .0045770 | 6.162638 |
| #2 | .0000403 | .0005415 | 286.9972 | .0028529 | -.001998 | .0033510 | 6.225107 |
| #3 | .0002022 | .0003876 | 288.8829 | .0023556 | -.002098 | .0058459 | 6.186006 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.225799 | 13.34797 | .0017270 | -.000007 | 10.78767 | -.000344 | .0268287 |
| Stddev | .013174  | .11549   | .0002961 | .000190  | .15945   | .001552  | .0151852 |
| %RSD   | .5918558 | .8652408 | 17.14404 | 2563.955 | 1.478069 | 451.3030 | 56.60046 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.239663 | 13.46310 | .0014098 | -.000183 | 10.97088 | .001276  | .0440321 |
| #2 | 2.213446 | 13.23212 | .0019960 | -.000033 | 10.71190 | -.000491 | .0152906 |
| #3 | 2.224287 | 13.34868 | .0017753 | .000194  | 10.68024 | -.001817 | .0211635 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.281695 | .0267280 | .0106257 | -.000611 | 129.7583 | 6.564138 | -.004652 |
| Stddev | .051389  | .0009341 | .0008447 | .000429  | 1.4845   | .067834  | .004246  |
| %RSD   | .9729602 | 3.494998 | 7.950024 | 70.14967 | 1.144049 | 1.033402 | 91.25987 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.310477 | .0261426 | .0097536 | -.000989 | 130.8410 | 6.631406 | -.002489 |
| #2 | 5.222365 | .0278053 | .0106832 | -.000700 | 128.0660 | 6.495752 | -.009544 |
| #3 | 5.312244 | .0262360 | .0114402 | -.000145 | 130.3678 | 6.565256 | -.001924 |

Sample Name: I1680-03      Acquired: 2/18/2017 12:23:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | .0032161 | .0047327 | .7838878 |
| Stddev | .0010669 | .0006424 | .0041802 |
| %RSD   | 33.17524 | 13.57348 | .5332682 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0027496 | .0054454 | .7883484 |
| #2 | .0024618 | .0045544 | .7800601 |
| #3 | .0044368 | .0041982 | .7832550 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 28.89800 | 1443.019 | 51514.96 | 8110.714 | 2020.553 |
| Stddev    | 1.38299  | 13.263   | 267.44   | 21.249   | 18.446   |
| %RSD      | 4.785767 | .9191045 | .5191595 | .2619884 | .9129105 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 29.15418 | 1433.290 | 51691.72 | 8096.173 | 2006.175 |
| #2 | 30.13500 | 1458.126 | 51207.28 | 8135.100 | 2041.351 |
| #3 | 27.40484 | 1437.641 | 51645.89 | 8100.868 | 2014.132 |

Sample Name: I1680-04      Acquired: 2/18/2017 12:27:28      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA8D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005342 | -.000963 | .0157928 | .0112824 | .0020782 | .3776588 | .0238625 |
| Stddev | .006270  | .003698  | .0023008 | .0105226 | .0026601 | .0106705 | .0002362 |
| %RSD   | 117.3809 | 383.8132 | 14.56841 | 93.26542 | 127.9976 | 2.825447 | .9896926 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.011827 | -.004823 | .0152823 | .0210828 | -.000576 | .3886093 | .0240568 |
| #2 | .000689  | -.000614 | .0183060 | .0001621 | .002067  | .3672921 | .0239311 |
| #3 | -.004888 | .002547  | .0137902 | .0126024 | .004744  | .3770750 | .0235996 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000608 | .0002964 | 284.9261 | .0027612 | -.001463 | .0035607 | 6.048984 |
| Stddev | .0000351 | .0001949 | 2.0762   | .0001790 | .000212  | .0005609 | .024746  |
| %RSD   | 57.77131 | 65.74529 | .7286763 | 6.483473 | 14.46604 | 15.75318 | .4090936 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000335 | .0000780 | 283.1123 | .0025561 | -.001534 | .0029717 | 6.032236 |
| #2 | .0000486 | .0004524 | 284.4754 | .0028411 | -.001225 | .0036217 | 6.037308 |
| #3 | .0001005 | .0003590 | 287.1906 | .0028863 | -.001630 | .0040886 | 6.077408 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.197486 | 13.23403 | .0015720 | -.000022 | 10.61037 | -.001974 | .0115879 |
| Stddev | .015671  | .08614   | .0004233 | .000226  | .05352   | .001304  | .0064523 |
| %RSD   | .7131522 | .6508690 | 26.92922 | 1031.712 | .5043724 | 66.07834 | 55.68161 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.186816 | 13.26792 | .0020573 | .000084  | 10.54858 | -.002247 | .0112629 |
| #2 | 2.190164 | 13.13610 | .0013807 | -.000281 | 10.64061 | -.000555 | .0053041 |
| #3 | 2.215478 | 13.29806 | .0012782 | .000131  | 10.64193 | -.003120 | .0181965 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.239656 | .0318889 | .0104294 | -.000150 | 128.9540 | 6.421548 | -.001999 |
| Stddev | .036249  | .0044088 | .0011022 | .000420  | .8243    | .060684  | .001002  |
| %RSD   | .6918123 | 13.82546 | 10.56844 | 280.4924 | .6392228 | .9449994 | 50.13795 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.211571 | .0275028 | .0108492 | -.000632 | 129.0371 | 6.370242 | -.000843 |
| #2 | 5.226821 | .0318440 | .0112600 | .000138  | 128.0913 | 6.405869 | -.002523 |
| #3 | 5.280576 | .0363200 | .0091790 | .000045  | 129.7337 | 6.488532 | -.002630 |

Sample Name: I1680-04      Acquired: 2/18/2017 12:27:28      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AA8D      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0028405 | .0049920 | .7755355 |
| Stddev | .0025050 | .0005387 | .0067298 |
| %RSD   | 88.18878 | 10.79159 | .8677668 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0057289 | .0051537 | .7703171 |
| #2 | .0012628 | .0043909 | .7731581 |
| #3 | .0015297 | .0054313 | .7831314 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 29.98357 | 1447.069 | 51613.41 | 8185.256 | 2029.836 |
| Stddev    | .71514   | 8.842    | 410.37   | 59.127   | 11.496   |
| %RSD      | 2.385103 | .6110046 | .7950865 | .7223652 | .5663716 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 30.80087 | 1445.397 | 52078.59 | 8213.711 | 2027.646 |
| #2 | 29.47272 | 1456.627 | 51302.67 | 8224.775 | 2042.269 |
| #3 | 29.67713 | 1439.182 | 51458.96 | 8117.281 | 2019.591 |

Sample Name: I1680-05      Acquired: 2/18/2017 12:31:31      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA8S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0314775 | .0615376 | .0362099 | .0662607 | .1188695 | 2.609165 | 2.380134 |
| Stddev | .0041202 | .0018161 | .0015978 | .0012994 | .0028525 | .017760  | .011696  |
| %RSD   | 13.08937 | 2.951250 | 4.412566 | 1.961038 | 2.399696 | .6806919 | .4913887 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0276231 | .0598100 | .0347294 | .0676766 | .1218234 | 2.623861 | 2.393601 |
| #2 | .0358200 | .0634309 | .0379036 | .0651228 | .1186544 | 2.614205 | 2.374269 |
| #3 | .0309895 | .0613718 | .0359968 | .0659829 | .1161306 | 2.589429 | 2.372531 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0582189 | .0568428 | 289.4794 | .2269323 | .5295991 | .3012959 | 7.314321 |
| Stddev | .0001694 | .0005939 | 1.5975   | .0045341 | .0051914 | .0057019 | .041210  |
| %RSD   | .2910090 | 1.044897 | .5518486 | 1.997985 | .9802440 | 1.892455 | .5634178 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0584060 | .0574828 | 291.3238 | .2297211 | .5355931 | .3078617 | 7.359719 |
| #2 | .0581747 | .0563094 | 288.5821 | .2293752 | .5266642 | .2984360 | 7.303975 |
| #3 | .0580760 | .0567361 | 288.5324 | .2217006 | .5265400 | .2975899 | 7.279270 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.818075 | 13.41851 | .5384513 | .0485818 | 10.77792 | .6331931 | .5457604 |
| Stddev | .017534  | .05116   | .0049959 | .0012955 | .19332   | .0044596 | .0227912 |
| %RSD   | .6221906 | .3812279 | .9278264 | 2.666685 | 1.793654 | .7043029 | 4.176051 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.838282 | 13.45973 | .5441959 | .0491506 | 10.88275 | .6331187 | .5521033 |
| #2 | 2.809071 | 13.36126 | .5360354 | .0494956 | 10.89617 | .6376895 | .5204696 |
| #3 | 2.806873 | 13.43453 | .5351226 | .0470992 | 10.55482 | .6287712 | .5647083 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.408104 | .0184498 | .0122025 | -.000505 | 131.8680 | 6.439759 | -.002446 |
| Stddev | .023209  | .0046518 | .0006699 | .000552  | 1.0382   | .040599  | .000544  |
| %RSD   | .4291434 | 25.21310 | 5.490113 | 109.2328 | .7873197 | .6304395 | 22.22111 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.416141 | .0141410 | .0123773 | -.000633 | 133.0650 | 6.470932 | -.002093 |
| #2 | 5.426226 | .0178267 | .0114625 | .000099  | 131.3270 | 6.454496 | -.003072 |
| #3 | 5.381946 | .0233817 | .0127677 | -.000983 | 131.2121 | 6.393851 | -.002173 |

Sample Name: I1680-05      Acquired: 2/18/2017 12:31:31      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA8S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0011194 | .0054066 | .7891653 |
| Stddev | .0006270 | .0007634 | .0027045 |
| %RSD   | 56.01076 | 14.12015 | .3426999 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0013894 | .0062790 | .7919603 |
| #2 | .0015662 | .0048612 | .7889742 |
| #3 | .0004027 | .0050794 | .7865615 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 30.24219 | 1440.270 | 52490.27 | 8158.945 | 2009.250 |
| Stddev    | 1.43654  | 9.722    | 1033.97  | 19.025   | 16.078   |
| %RSD      | 4.750107 | .6750440 | 1.969834 | .2331771 | .8002044 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 29.61716 | 1429.077 | 51907.71 | 8138.315 | 1990.732 |
| #2 | 31.88536 | 1446.615 | 51879.02 | 8162.722 | 2017.370 |
| #3 | 29.22405 | 1445.119 | 53684.09 | 8175.798 | 2019.650 |

Sample Name: I1680-03LX5      Acquired: 2/18/2017 12:35:30      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA8L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004721 | -.003556 | .0016778 | .0093195 | .0037395 | .0447607 | .0026510 |
| Stddev | .014821  | .002781  | .0010518 | .0061393 | .0019747 | .0065049 | .0002535 |
| %RSD   | 313.9464 | 78.21567 | 62.68896 | 65.87598 | 52.80818 | 14.53264 | 9.562217 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .004338  | -.005501 | .0028669 | .0022305 | .0056430 | .0406430 | .0027015 |
| #2 | -.021825 | -.004797 | .0012970 | .0128432 | .0017005 | .0522598 | .0023761 |
| #3 | .003324  | -.000370 | .0008693 | .0128849 | .0038748 | .0413792 | .0028755 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001526 | .0000787 | 57.30890 | .0010287 | -.001638 | .0039264 | 1.241799 |
| Stddev | .0000631 | .0001869 | .40120   | .0003970 | .000238  | .0020129 | .035599  |
| %RSD   | 41.32233 | 237.5021 | .7000654 | 38.59134 | 14.52635 | 51.26624 | 2.866752 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000979 | -.000041 | 57.36995 | .0008442 | -.001903 | .0021445 | 1.227080 |
| #2 | .0002216 | .000294  | 57.67607 | .0014844 | -.001567 | .0035249 | 1.282397 |
| #3 | .0001383 | -.000017 | 56.88067 | .0007576 | -.001443 | .0061098 | 1.215919 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4507849 | 2.714737 | .0006394 | -.000050 | 2.107830 | -.002237 | -.002318 |
| Stddev | .0023746 | .034736  | .0003293 | .000344  | .069345  | .001935  | .008285  |
| %RSD   | .5267762 | 1.279549 | 51.50703 | 686.7190 | 3.289887 | 86.50282 | 357.3539 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4505360 | 2.683286 | .0009908 | -.000279 | 2.124438 | -.001600 | -.002372 |
| #2 | .4532741 | 2.752020 | .0005897 | .000346  | 2.031689 | -.000700 | -.010576 |
| #3 | .4485445 | 2.708903 | .0003377 | -.000217 | 2.167364 | -.004410 | .005993  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8010358 | .0187514 | -.003361 | -.000516 | 23.72021 | 1.280502 | .0018400 |
| Stddev | .0482142 | .0020399 | .001652  | .000168  | .06303   | .006685  | .0032419 |
| %RSD   | 6.018981 | 10.87871 | 49.14751 | 32.60803 | .2657317 | .5220771 | 176.1888 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7734855 | .0166199 | -.003369 | -.000703 | 23.64788 | 1.285032 | .0011644 |
| #2 | .8567078 | .0189492 | -.005008 | -.000379 | 23.74935 | 1.283651 | .0053665 |
| #3 | .7729141 | .0206853 | -.001705 | -.000465 | 23.76340 | 1.272824 | -.001011 |

Sample Name: I1680-03LX5      Acquired: 2/18/2017 12:35:30      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MC0AA8L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000866 | -.000827 | .1577072 |
| Stddev | .001517  | .000503  | .0014974 |
| %RSD   | 175.1389 | 60.78687 | .9495024 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000878  | -.001289 | .1585997 |
| #2 | -.001880 | -.000292 | .1585434 |
| #3 | -.001596 | -.000902 | .1559784 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 29.49651 | 1510.889 | 53183.61 | 8045.065 | 2204.944 |
| Stddev    | .89672   | .201     | 112.01   | 65.203   | 3.635    |
| %RSD      | 3.040097 | .0133331 | .2106135 | .8104759 | .1648715 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 28.57558 | 1510.657 | 53149.93 | 8015.164 | 2208.974 |
| #2 | 29.54704 | 1511.017 | 53308.60 | 8000.175 | 2203.946 |
| #3 | 30.36689 | 1510.993 | 53092.31 | 8119.856 | 2201.912 |

Sample Name: I1762-03      Acquired: 2/18/2017 12:39:33      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SF9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0345289 | .0034496 | .4763016 | .0012763 | .0054627 | 51.52112 | 1.002100 |
| Stddev | .0059251 | .0030313 | .0012567 | .0056732 | .0050744 | .31627   | .007892  |
| %RSD   | 17.15984 | 87.87378 | .2638445 | 444.4926 | 92.89159 | .6138672 | .7875584 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0313472 | .0069406 | .4766634 | -.004047 | .0018280 | 51.86417 | 1.011176 |
| #2 | .0413651 | .0019245 | .4749036 | .000632  | .0033001 | 51.24113 | .996852  |
| #3 | .0308743 | .0014837 | .4773376 | .007244  | .0112602 | 51.45807 | .998272  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032528 | .0025809 | 4.420334 | .0658668 | .0721075 | .0693175 | 96.04470 |
| Stddev | .0001492 | .0001113 | .020992  | .0017128 | .0003187 | .0004785 | .47160   |
| %RSD   | 4.585702 | 4.313034 | .4748885 | 2.600348 | .4420388 | .6902459 | .4910234 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0032871 | .0024977 | 4.443852 | .0670485 | .0724756 | .0687755 | 96.58656 |
| #2 | .0030895 | .0027074 | 4.403493 | .0639025 | .0719222 | .0694958 | 95.82061 |
| #3 | .0033819 | .0025378 | 4.413658 | .0666493 | .0719248 | .0696812 | 95.72692 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.038155 | 5.937112 | .0481958 | -.004930 | .3536435 | .1893588 | .3632043 |
| Stddev | .008256  | .048903  | .0003356 | .000705  | .2266725 | .0015461 | .0115611 |
| %RSD   | .4050865 | .8236768 | .6963623 | 14.30978 | 64.09632 | .8164805 | 3.183076 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.047525 | 5.959452 | .0479018 | -.005340 | .5212447 | .1911212 | .3523838 |
| #2 | 2.034993 | 5.881030 | .0481242 | -.004115 | .4439486 | .1887241 | .3753855 |
| #3 | 2.031947 | 5.970856 | .0485615 | -.005335 | .0957372 | .1882312 | .3618436 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.952108 | 1.657244 | .0361075 | .0042982 | 1.648982 | 8.171388 | .0141197 |
| Stddev | .051405  | .006172  | .0008005 | .0002858 | .008199  | .053278  | .0037864 |
| %RSD   | 1.741284 | .3724011 | 2.216919 | 6.649605 | .4972195 | .6520054 | 26.81676 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.996455 | 1.650291 | .0370317 | .0040506 | 1.657667 | 8.225260 | .0149394 |
| #2 | 2.964102 | 1.659368 | .0356540 | .0046110 | 1.647904 | 8.118724 | .0099905 |
| #3 | 2.895767 | 1.662073 | .0356367 | .0042330 | 1.641376 | 8.170181 | .0174291 |

Sample Name: I1762-03      Acquired: 2/18/2017 12:39:33      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SF9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8731242 | .0397307 | .0515812 |
| Stddev | .0071919 | .0003214 | .0003509 |
| %RSD   | .8236971 | .8090125 | .6803471 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8792220 | .0394211 | .0519821 |
| #2 | .8651931 | .0397083 | .0514325 |
| #3 | .8749576 | .0400628 | .0513292 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 30.57543 | 1546.433 | 56253.87 | 8760.447 | 2188.981 |
| Stddev    | .25974   | 10.045   | 958.58   | 59.458   | 10.088   |
| %RSD      | .8495164 | .6495465 | 1.704032 | .6787041 | .4608541 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 30.61377 | 1535.413 | 55315.87 | 8691.791 | 2177.356 |
| #2 | 30.81388 | 1548.810 | 57231.79 | 8794.876 | 2195.444 |
| #3 | 30.29865 | 1555.077 | 56213.94 | 8794.673 | 2194.142 |

Sample Name: I1762-04      Acquired: 2/18/2017 12:50:05      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SG0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0398970 | .0071409 | .7427808 | .0084185 | .0051294 | 52.39338 | 2.716020 |
| Stddev | .0070866 | .0003074 | .0165862 | .0054474 | .0007898 | .06311   | .008522  |
| %RSD   | 17.76221 | 4.304407 | 2.232981 | 64.70730 | 15.39731 | .1204479 | .3137737 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0380614 | .0069341 | .7292709 | .0142270 | .0058808 | 52.45662 | 2.723908 |
| #2 | .0339088 | .0069946 | .7377794 | .0076048 | .0043062 | 52.39312 | 2.717173 |
| #3 | .0477208 | .0074941 | .7612921 | .0034238 | .0052013 | 52.33040 | 2.706981 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062210 | .0075388 | 24.32574 | .0738728 | .1308482 | .0812881 | 93.55653 |
| Stddev | .0000181 | .0003435 | .06013   | .0012588 | .0022517 | .0013033 | .31593   |
| %RSD   | .2907355 | 4.555808 | .2471977 | 1.703975 | 1.720873 | 1.603354 | .3376886 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0062363 | .0075793 | 24.28665 | .0753096 | .1297321 | .0822888 | 93.37003 |
| #2 | .0062011 | .0071769 | 24.39498 | .0733446 | .1293726 | .0817613 | 93.92131 |
| #3 | .0062257 | .0078603 | 24.29559 | .0729641 | .1334400 | .0798143 | 93.37826 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.23400 | 7.249026 | .0739134 | -.004756 | .3466691 | .1742947 | .4933285 |
| Stddev | .02692   | .019615  | .0014813 | .000292  | .0372912 | .0008825 | .0255169 |
| %RSD   | .2630250 | .2705863 | 2.004090 | 6.147157 | 10.75699 | .5063304 | 5.172392 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.24182 | 7.233490 | .0732471 | -.004480 | .3564260 | .1735683 | .5129173 |
| #2 | 10.25614 | 7.242522 | .0728823 | -.005063 | .3781120 | .1752768 | .5025951 |
| #3 | 10.20403 | 7.271067 | .0756108 | -.004725 | .3054695 | .1740390 | .4644732 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.432422 | 2.359802 | .0385874 | .0032327 | 2.678052 | 7.743504 | .0133538 |
| Stddev | .019312  | .047666  | .0006782 | .0009358 | .055823  | .014214  | .0012742 |
| %RSD   | .5626302 | 2.019924 | 1.757534 | 28.94864 | 2.084473 | .1835565 | 9.541987 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.443586 | 2.337739 | .0384829 | .0031924 | 2.640190 | 7.745106 | .0119129 |
| #2 | 3.443557 | 2.327164 | .0393118 | .0023177 | 2.651804 | 7.756848 | .0143321 |
| #3 | 3.410122 | 2.414502 | .0379676 | .0041880 | 2.742161 | 7.728557 | .0138164 |

Sample Name: I1762-04      Acquired: 2/18/2017 12:50:05      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SG0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7783547 | .0329263 | .1124626 |
| Stddev | .0006460 | .0005082 | .0002369 |
| %RSD   | .0829971 | 1.543426 | .2106851 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7785139 | .0324100 | .1126429 |
| #2 | .7789061 | .0329428 | .1125506 |
| #3 | .7776439 | .0334260 | .1121942 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 33.92420 | 1641.327 | 59583.19 | 9305.662 | 2164.210 |
| Stddev    | 1.20848  | 22.444   | 602.02   | 31.137   | 34.249   |
| %RSD      | 3.562301 | 1.367405 | 1.010388 | .3346055 | 1.582535 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 32.87758 | 1655.960 | 59035.59 | 9336.053 | 2183.161 |
| #2 | 33.64822 | 1652.533 | 59486.14 | 9273.828 | 2184.796 |
| #3 | 35.24680 | 1615.487 | 60227.84 | 9307.104 | 2124.674 |

Sample Name: I1762-05      Acquired: 2/18/2017 12:54:07      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SG1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0297398 | .0015526 | .4348455 | .0004148 | .0053004 | 51.87393 | 1.688540 |
| Stddev | .0041610 | .0063103 | .0020058 | .0059762 | .0047080 | .21401   | .005586  |
| %RSD   | 13.99147 | 406.4385 | .4612565 | 1440.891 | 88.82341 | .4125590 | .3308416 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0249399 | .0070650 | .4368877 | .0042510 | .0081901 | 51.67107 | 1.683559 |
| #2 | .0319537 | -.005330 | .4328783 | -.006471 | -.000132 | 51.85313 | 1.687481 |
| #3 | .0323259 | .002923  | .4347704 | .003464  | .007843  | 52.09757 | 1.694580 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037266 | .0048164 | 15.51397 | .0709416 | .0948380 | .0714791 | 85.63439 |
| Stddev | .0000456 | .0001667 | .07247   | .0006321 | .0008730 | .0013975 | .47836   |
| %RSD   | 1.222500 | 3.460524 | .4671572 | .8910299 | .9204957 | 1.955161 | .5586105 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0037351 | .0048207 | 15.47462 | .0708654 | .0950557 | .0698746 | 85.38877 |
| #2 | .0037674 | .0046476 | 15.46968 | .0703511 | .0938768 | .0721325 | 85.32873 |
| #3 | .0036775 | .0049809 | 15.59761 | .0716084 | .0955816 | .0724302 | 86.18567 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.443638 | 6.979585 | .0531866 | -.004406 | .4706997 | .1875195 | .4383363 |
| Stddev | .059218  | .102613  | .0005069 | .000172  | .1321055 | .0020498 | .0169201 |
| %RSD   | .7955572 | 1.470193 | .9530635 | 3.906556 | 28.06576 | 1.093127 | 3.860064 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.408235 | 6.974752 | .0537533 | -.004213 | .4145955 | .1856113 | .4573360 |
| #2 | 7.410676 | 6.879473 | .0530300 | -.004462 | .3759060 | .1872609 | .4327795 |
| #3 | 7.512003 | 7.084529 | .0527765 | -.004543 | .6215976 | .1896864 | .4248934 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.545409 | 2.627946 | .0403649 | .0043771 | 3.015542 | 5.504166 | .0125015 |
| Stddev | .009761  | .005761  | .0002955 | .0001678 | .010101  | .058476  | .0019203 |
| %RSD   | .2147528 | .2192274 | .7319432 | 3.833922 | .3349648 | 1.062388 | 15.36082 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.545985 | 2.622747 | .0406568 | .0041983 | 3.027205 | 5.489717 | .0119612 |
| #2 | 4.554869 | 2.626951 | .0400660 | .0045311 | 3.009657 | 5.454270 | .0109093 |
| #3 | 4.535372 | 2.634140 | .0403720 | .0044018 | 3.009763 | 5.568512 | .0146342 |

Sample Name: I1762-05      Acquired: 2/18/2017 12:54:07      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SG1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9627688 | .0352198 | .1049115 |
| Stddev | .0066245 | .0006566 | .0005474 |
| %RSD   | .6880682 | 1.864286 | .5217456 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9608535 | .0350200 | .1046488 |
| #2 | .9573130 | .0346863 | .1045450 |
| #3 | .9701399 | .0359531 | .1055407 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 31.77026 | 1564.281 | 55422.03 | 8772.404 | 2207.861 |
| Stddev    | .62345   | 5.546    | 270.86   | 44.498   | 6.163    |
| %RSD      | 1.962373 | .3545424 | .4887202 | .5072499 | .2791222 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 32.24363 | 1558.080 | 55280.24 | 8788.531 | 2201.194 |
| #2 | 31.06386 | 1565.997 | 55734.35 | 8806.591 | 2209.043 |
| #3 | 32.00330 | 1568.767 | 55251.50 | 8722.092 | 2213.348 |

Sample Name: I1762-06      Acquired: 2/18/2017 12:58:09      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SG2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2127508 | -.006226 | 16.17037 | .0103143 | .0153259 | 159.6539 |
| Stddev | .0045740 | .009265  | .02604   | .0091471 | .0037131 | 1.3675   |
| %RSD   | 2.149953 | 148.8160 | .1610103 | 88.68460 | 24.22750 | .8565657 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2124336 | .004050  | 16.14309 | .0204433 | .0174348 | 158.6017 |
| #2 | .2083437 | -.013942 | 16.19495 | .0026571 | .0110386 | 159.1603 |
| #3 | .2174752 | -.008786 | 16.17307 | .0078423 | .0175043 | 161.1997 |

|        |            |          |          |            |          |          |
|--------|------------|----------|----------|------------|----------|----------|
| Elem   | Ba4934     | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | F 28.81559 | .0134590 | .0273551 | F 1500.203 | .1594081 | .1109993 |
| Stddev | .17002     | .0000820 | .0002689 | 16.415     | .0007071 | .0005596 |
| %RSD   | .5900359   | .6093642 | .9831294 | 1.094216   | .4436047 | .5041011 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 28.79159 | .0133694 | .0272131 | 1487.122 | .1600280 | .1109399 |
| #2 | 28.65885 | .0134774 | .0276653 | 1494.864 | .1595583 | .1115861 |
| #3 | 28.99634 | .0135303 | .0271870 | 1518.624 | .1586379 | .1104718 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4105888 | 245.3734 | 6.259756 | F 916.9208 | .2264626 | -.017136 |
| Stddev | .0043358 | 1.2612   | .032620  | 5.9114     | .0008431 | .000140  |
| %RSD   | 1.056002 | .5139760 | .5211026 | .6447040   | .3722906 | .8149656 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4080955 | 244.1622 | 6.226396 | 911.1915 | .2255830 | -.017181 |
| #2 | .4080755 | 245.2787 | 6.261291 | 916.5720 | .2265410 | -.017247 |
| #3 | .4155954 | 246.6792 | 6.291581 | 922.9989 | .2272637 | -.016979 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.641532 | .5062703 | 4.582288 | 15.88628 | 6.315925 | .1276879 |
| Stddev | .080398  | .0051883 | .116065  | .11357   | .030640  | .0013666 |
| %RSD   | 2.207818 | 1.024812 | 2.532901 | .7148972 | .4851276 | 1.070286 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.550439 | .5035426 | 4.506808 | 15.77245 | 6.312063 | .1290490 |
| #2 | 3.671575 | .5030147 | 4.715935 | 15.88679 | 6.348312 | .1263158 |
| #3 | 3.702584 | .5122535 | 4.524122 | 15.99959 | 6.287398 | .1276989 |

Sample Name: I1762-06      Acquired: 2/18/2017 12:58:09      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SG2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0050803 | 12.73931 | 10.01282 | .0146209 | .3912875 | .1056807 |
| Stddev | .0002954 | .03888   | .02712   | .0016273 | .0039452 | .0001497 |
| %RSD   | 5.815082 | .3052202 | .2708289 | 11.12983 | 1.008266 | .1416740 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0052915 | 12.73075 | 10.02878 | .0159818 | .3868870 | .1057754 |
| #2 | .0052066 | 12.78176 | 9.98150  | .0128184 | .3924670 | .1057586 |
| #3 | .0047427 | 12.70542 | 10.02816 | .0150626 | .3945084 | .1055081 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .9766527 |
| Stddev | .0067824 |
| %RSD   | .6944493 |

|    |          |
|----|----------|
| #1 | .9710650 |
| #2 | .9746944 |
| #3 | .9841988 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 30.19222 | 1410.162 | 51329.78 | 8875.989 | 1464.970 |
| Stddev    | .53635   | 1.394    | 145.76   | 51.695   | 3.862    |
| %RSD      | 1.776457 | .0988476 | .2839634 | .5824141 | .2636489 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 30.37952 | 1411.617 | 51308.60 | 8925.155 | 1469.110 |
| #2 | 29.58733 | 1408.838 | 51195.77 | 8880.723 | 1461.464 |
| #3 | 30.60981 | 1410.031 | 51484.97 | 8822.091 | 1464.336 |

Sample Name: I1762-07      Acquired: 2/18/2017 13:02:28      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SG3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0692052 | .0025349 | .6898754 | .0139690 | .0064000 | 50.70397 | 1.598344 |
| Stddev | .0014728 | .0063727 | .0038367 | .0081752 | .0023050 | 1.20311  | .037291  |
| %RSD   | 2.128127 | 251.4029 | .5561500 | 58.52430 | 36.01523 | 2.372812 | 2.333095 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0703964 | .0008408 | .6913245 | .0116505 | .0070353 | 51.26316 | 1.616137 |
| #2 | .0696608 | .0095835 | .6927765 | .0072034 | .0038440 | 49.32304 | 1.555490 |
| #3 | .0675585 | -.002820 | .6855251 | .0230531 | .0083207 | 51.52572 | 1.623406 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037749 | .0041827 | 11.47644 | .0671479 | .0749389 | .1009047 | 86.31279 |
| Stddev | .0001366 | .0000645 | .27740   | .0003169 | .0003826 | .0062853 | 1.94749  |
| %RSD   | 3.617585 | 1.541668 | 2.417090 | .4720111 | .5106016 | 6.228926 | 2.256318 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0037105 | .0041205 | 11.58050 | .0670865 | .0752314 | .1026467 | 87.27271 |
| #2 | .0036824 | .0041782 | 11.16206 | .0674911 | .0745058 | .0939322 | 84.07169 |
| #3 | .0039317 | .0042492 | 11.68676 | .0668662 | .0750794 | .1061353 | 87.59398 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.172146 | 4.925139 | .0763429 | -.004590 | .3251073 | .1767516 | .4887630 |
| Stddev | .167513  | .097654  | .0006847 | .000297  | .0656647 | .0030335 | .0246585 |
| %RSD   | 2.335611 | 1.982769 | .8968576 | 6.472337 | 20.19787 | 1.716271 | 5.045080 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.235728 | 5.018343 | .0759590 | -.004918 | .3347788 | .1793789 | .4603825 |
| #2 | 6.982151 | 4.823573 | .0771334 | -.004513 | .3853999 | .1734316 | .5009658 |
| #3 | 7.298561 | 4.933501 | .0759363 | -.004339 | .2551432 | .1774441 | .5049408 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.993478 | 2.760018 | .0419544 | .0064681 | 3.115785 | 7.475040 | .0138937 |
| Stddev | .119394  | .009414  | .0025900 | .0001851 | .005111  | .142160  | .0022144 |
| %RSD   | 2.989735 | .3411012 | 6.173257 | 2.862068 | .1640335 | 1.901796 | 15.93817 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.042395 | 2.760565 | .0437005 | .0062648 | 3.118773 | 7.553869 | .0113418 |
| #2 | 3.857393 | 2.769147 | .0389786 | .0065127 | 3.109884 | 7.310930 | .0153091 |
| #3 | 4.080645 | 2.750342 | .0431839 | .0066268 | 3.118698 | 7.560322 | .0150301 |

Sample Name: I1762-07      Acquired: 2/18/2017 13:02:28      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SG3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8709554 | .0255596 | .0772767 |
| Stddev | .0213993 | .0007558 | .0019478 |
| %RSD   | 2.456993 | 2.957003 | 2.520509 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8819365 | .0254153 | .0780016 |
| #2 | .8462948 | .0248864 | .0750704 |
| #3 | .8846349 | .0263772 | .0787580 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 31.35861 | 1546.228 | 55369.41 | 8850.883 | 2197.323 |
| Stddev    | 1.89348  | 4.408    | 269.19   | 192.524  | 9.642    |
| %RSD      | 6.038137 | .2850610 | .4861735 | 2.175197 | .4388031 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 32.99691 | 1543.923 | 55307.14 | 8766.946 | 2193.434 |
| #2 | 31.79333 | 1543.450 | 55136.81 | 9071.125 | 2190.233 |
| #3 | 29.28557 | 1551.310 | 55664.28 | 8714.578 | 2208.302 |

Sample Name: I1762-08      Acquired: 2/18/2017 13:06:31      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SG4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0620143 | .0021669 | .6239977 | .0103850 | .0072472 | 64.00398 | 5.859260 |
| Stddev | .0089786 | .0051614 | .0022739 | .0032853 | .0013723 | .36271   | .036852  |
| %RSD   | 14.47822 | 238.1887 | .3644077 | 31.63488 | 18.93566 | .5666999 | .6289519 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0633669 | .0049326 | .6246783 | .0130851 | .0061678 | 63.84806 | 5.851286 |
| #2 | .0524362 | .0053561 | .6214612 | .0113426 | .0067822 | 63.74531 | 5.827049 |
| #3 | .0702398 | -.003788 | .6258536 | .0067273 | .0087916 | 64.41858 | 5.899447 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0059408 | .0067810 | 59.73810 | .0942556 | .1107330 | .1856817 | 110.8481 |
| Stddev | .0000353 | .0000468 | .36280   | .0004464 | .0002538 | .0029633 | .8338    |
| %RSD   | .5938491 | .6903609 | .6073152 | .4735800 | .2291922 | 1.595905 | .7522057 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0059102 | .0068345 | 59.46252 | .0945767 | .1106238 | .1858477 | 110.2449 |
| #2 | .0059328 | .0067477 | 59.60265 | .0937459 | .1105521 | .1826388 | 110.4998 |
| #3 | .0059794 | .0067607 | 60.14914 | .0944443 | .1110231 | .1885585 | 111.7996 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.20072 | 13.20223 | .0756586 | -.005792 | .4650220 | .2299962 | .4420311 |
| Stddev | .07686   | .08839   | .0009689 | .000341  | .0075834 | .0062364 | .0036027 |
| %RSD   | .7535070 | .6694922 | 1.280559 | 5.886178 | 1.630760 | 2.711520 | .8150229 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.14512 | 13.23110 | .0746482 | -.006054 | .4673245 | .2339751 | .4459312 |
| #2 | 10.16861 | 13.10301 | .0757479 | -.005915 | .4565542 | .2228087 | .4413344 |
| #3 | 10.28843 | 13.27257 | .0765797 | -.005406 | .4711873 | .2332046 | .4388276 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.899516 | 3.833099 | .0581471 | .0052277 | 4.955632 | 9.496523 | .0120039 |
| Stddev | .036439  | .002087  | .0015141 | .0002230 | .020569  | .027066  | .0021880 |
| %RSD   | .6176591 | .0544340 | 2.603971 | 4.265512 | .4150599 | .2850116 | 18.22726 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.899697 | 3.830710 | .0574839 | .0054345 | 4.958882 | 9.478879 | .0144735 |
| #2 | 5.862987 | 3.834568 | .0570778 | .0052571 | 4.933632 | 9.483004 | .0112308 |
| #3 | 5.935864 | 3.834018 | .0598797 | .0049914 | 4.974382 | 9.527685 | .0103074 |

Sample Name: I1762-08      Acquired: 2/18/2017 13:06:31      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SG4      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8856496 | .0398302 | .1371150 |
| Stddev | .0047829 | .0003001 | .0008664 |
| %RSD   | .5400438 | .7535440 | .6318571 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8864406 | .0398899 | .1364169 |
| #2 | .8805206 | .0395047 | .1368436 |
| #3 | .8899878 | .0400959 | .1380846 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 31.85803 | 1590.261 | 57118.33 | 9182.090 | 2095.705 |
| Stddev    | .20959   | 4.384    | 258.30   | 42.652   | 4.044    |
| %RSD      | .6578864 | .2756485 | .4522231 | .4645096 | .1929827 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 31.64367 | 1591.163 | 57367.24 | 9217.831 | 2096.750 |
| #2 | 31.86793 | 1594.123 | 57136.19 | 9193.563 | 2099.125 |
| #3 | 32.06250 | 1585.497 | 56851.57 | 9134.875 | 2091.241 |

Sample Name: I1762-09      Acquired: 2/18/2017 13:10:34      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SG5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0757566 | .0026826 | .4387675 | .0134553 | .0065939 | 85.18472 | 2.050334 |
| Stddev | .0020162 | .0030413 | .0032890 | .0048777 | .0017090 | .66089   | .022713  |
| %RSD   | 2.661407 | 113.3722 | .7496099 | 36.25150 | 25.91757 | .7758329 | 1.107771 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0770570 | .0013788 | .4407031 | .0159287 | .0065619 | 85.69955 | 2.067425 |
| #2 | .0734340 | .0005106 | .4349698 | .0166008 | .0049011 | 85.41514 | 2.059016 |
| #3 | .0767787 | .0061584 | .4406294 | .0078363 | .0083187 | 84.43946 | 2.024560 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0064467 | .0045570 | 19.47342 | .1197461 | .1139333 | .1133670 | 149.7287 |
| Stddev | .0002156 | .0001677 | .21990   | .0006368 | .0012655 | .0005278 | 1.6354   |
| %RSD   | 3.344084 | 3.679874 | 1.129211 | .5318082 | 1.110710 | .4656097 | 1.092271 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0066770 | .0044212 | 19.60730 | .1200756 | .1130329 | .1130814 | 151.0052 |
| #2 | .0062497 | .0045053 | 19.59333 | .1190121 | .1133869 | .1139761 | 150.2958 |
| #3 | .0064134 | .0047444 | 19.21963 | .1201507 | .1153802 | .1130434 | 147.8852 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.277833 | 12.19876 | .0627198 | -.008482 | .5266406 | .3112400 | .6877818 |
| Stddev | .061328  | .17564   | .0013250 | .000382  | .0437324 | .0059879 | .0229260 |
| %RSD   | .9768919 | 1.439807 | 2.112521 | 4.508871 | 8.304034 | 1.923897 | 3.333323 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.318860 | 12.33747 | .0614005 | -.008359 | .4772268 | .3140756 | .7098895 |
| #2 | 6.307306 | 12.25753 | .0627085 | -.008176 | .5423345 | .3152834 | .6641169 |
| #3 | 6.207333 | 12.00127 | .0640504 | -.008911 | .5603605 | .3043610 | .6893388 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.257493 | 2.707881 | .0538035 | .0066084 | 1.407212 | 8.185715 | .0123948 |
| Stddev | .065144  | .023750  | .0018945 | .0003588 | .008674  | .049769  | .0006231 |
| %RSD   | 1.041062 | .8770609 | 3.521210 | 5.429492 | .6163714 | .6080024 | 5.027305 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.304427 | 2.701057 | .0543304 | .0061946 | 1.407849 | 8.232320 | .0117005 |
| #2 | 6.284936 | 2.688289 | .0553788 | .0067971 | 1.398237 | 8.191533 | .0125781 |
| #3 | 6.183118 | 2.734295 | .0517013 | .0068335 | 1.415549 | 8.133293 | .0129057 |

Sample Name: I1762-09      Acquired: 2/18/2017 13:10:34      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SG5      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8290347 | .0684459 | .1032564 |
| Stddev | .0048587 | .0012733 | .0009705 |
| %RSD   | .5860661 | 1.860375 | .9399291 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8319465 | .0686833 | .1041328 |
| #2 | .8317317 | .0695838 | .1034232 |
| #3 | .8234257 | .0670705 | .1022133 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 31.42441 | 1599.443 | 57228.44 | 9018.048 | 2130.121 |
| Stddev    | .76751   | 6.846    | 31.66    | 73.793   | 9.626    |
| %RSD      | 2.442413 | .4279942 | .0553238 | .8182793 | .4519121 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 31.51010 | 1601.663 | 57202.22 | 8959.090 | 2137.641 |
| #2 | 32.14548 | 1604.903 | 57263.61 | 8994.252 | 2133.450 |
| #3 | 30.61764 | 1591.763 | 57219.48 | 9100.803 | 2119.272 |

Sample Name: I1762-13      Acquired: 2/18/2017 13:14:37      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SG7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0609892 | .0048037 | .3123971 | .0065445 | .0037251 | 78.76071 | 2.669570 |
| Stddev | .0118639 | .0059559 | .0019184 | .0043713 | .0010669 | .50910   | .018344  |
| %RSD   | 19.45250 | 123.9851 | .6140748 | 66.79406 | 28.64148 | .6463857 | .6871379 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0513155 | .0008520 | .3123256 | .0015589 | .0048077 | 79.01339 | 2.685359 |
| #2 | .0742265 | .0116541 | .3105155 | .0083540 | .0026746 | 79.09404 | 2.673903 |
| #3 | .0574256 | .0019051 | .3143502 | .0097205 | .0036931 | 78.17470 | 2.649448 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0082500 | .0053106 | 29.58567 | .1221195 | .1337973 | .1253624 | 134.3948 |
| Stddev | .0001921 | .0002250 | .18476   | .0004861 | .0018370 | .0022790 | .7910    |
| %RSD   | 2.328678 | 4.237215 | .6244864 | .3980116 | 1.372974 | 1.817925 | .5885599 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0084306 | .0050535 | 29.78064 | .1224073 | .1321443 | .1276696 | 135.2199 |
| #2 | .0082712 | .0054714 | 29.56321 | .1215584 | .1334726 | .1253048 | 134.3217 |
| #3 | .0080481 | .0054070 | 29.41318 | .1223930 | .1357750 | .1231127 | 133.6429 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.93713 | 12.41266 | .1148044 | -.007090 | .4764743 | .2374301 | .3774852 |
| Stddev | .11318   | .15123   | .0007605 | .000261  | .0995865 | .0028769 | .0058559 |
| %RSD   | .5976470 | 1.218338 | .6624452 | 3.687893 | 20.90070 | 1.211666 | 1.551290 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 19.05023 | 12.55484 | .1143139 | -.007242 | .4632996 | .2378826 | .3837088 |
| #2 | 18.93729 | 12.42935 | .1144188 | -.007240 | .5819924 | .2400539 | .3766629 |
| #3 | 18.82388 | 12.25377 | .1156805 | -.006788 | .3841310 | .2343538 | .3720840 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.653180 | 5.677529 | .0509592 | .0054071 | 3.516393 | 7.415160 | .0110421 |
| Stddev | .062226  | .041549  | .0010750 | .0009689 | .025931  | .060274  | .0003718 |
| %RSD   | .8130726 | .7318062 | 2.109590 | 17.91878 | .7374273 | .8128468 | 3.367295 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.691162 | 5.635226 | .0506488 | .0049856 | 3.494073 | 7.480132 | .0106531 |
| #2 | 7.687009 | 5.679080 | .0500734 | .0065153 | 3.510267 | 7.404284 | .0113939 |
| #3 | 7.581367 | 5.718280 | .0521552 | .0047203 | 3.544838 | 7.361065 | .0110793 |

Sample Name: I1762-13      Acquired: 2/18/2017 13:14:37      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SG7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.002507 | .0485048 | .1807497 |
| Stddev | .006145  | .0007453 | .0011487 |
| %RSD   | .6129811 | 1.536646 | .6354959 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.007430 | .0486024 | .1815733 |
| #2 | 1.004470 | .0491966 | .1812382 |
| #3 | .995620  | .0477155 | .1794375 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 33.75223 | 1687.574 | 60268.33 | 9474.083 | 2107.748 |
| Stddev    | 1.39269  | 8.949    | 153.53   | 71.833   | 14.343   |
| %RSD      | 4.126225 | .5302728 | .2547403 | .7582023 | .6804783 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 32.74368 | 1692.917 | 60119.79 | 9417.390 | 2115.269 |
| #2 | 33.17173 | 1692.563 | 60258.79 | 9449.995 | 2116.766 |
| #3 | 35.34127 | 1677.243 | 60426.40 | 9554.864 | 2091.209 |

Sample Name: I1762-14      Acquired: 2/18/2017 13:18:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SG8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1203931 | .0053032 | 2.614542 | .0087072 | .0068274 | 96.09596 | 2.765334 |
| Stddev | .0009286 | .0086024 | .016928  | .0057926 | .0033742 | 1.43208  | .042216  |
| %RSD   | .7713148 | 162.2125 | .6474617 | 66.52670 | 49.42156 | 1.490259 | 1.526604 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1193414 | -.004439 | 2.599631 | .0139607 | .0100472 | 97.73246 | 2.812992 |
| #2 | .1207376 | .008494  | 2.611053 | .0096656 | .0033176 | 95.48326 | 2.750378 |
| #3 | .1211002 | .011855  | 2.632943 | .0024951 | .0071173 | 95.07216 | 2.732633 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0130301 | .0217412 | 98.74900 | .1418112 | .2354371 | .2330020 | 166.7007 |
| Stddev | .0001154 | .0001117 | 1.28890  | .0046382 | .0015714 | .0043575 | 2.3016   |
| %RSD   | .8854855 | .5136100 | 1.305232 | 3.270656 | .6674252 | 1.870149 | 1.380681 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0131500 | .0218265 | 100.1997 | .1404141 | .2336334 | .2371077 | 169.3338 |
| #2 | .0130205 | .0216148 | 98.3115  | .1380322 | .2361682 | .2334683 | 165.6965 |
| #3 | .0129198 | .0217822 | 97.7358  | .1469873 | .2365098 | .2284302 | 165.0719 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.04712 | 26.38051 | .1910935 | -.009097 | .7275172 | .4137624 | 1.108595 |
| Stddev | .30851   | .32068   | .0013563 | .000349  | .0175115 | .0045335 | .024758  |
| %RSD   | 1.338622 | 1.215579 | .7097733 | 3.839792 | 2.407023 | 1.095677 | 2.233241 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.39307 | 26.74991 | .1896880 | -.008712 | .7360385 | .4189585 | 1.136753 |
| #2 | 22.94776 | 26.21792 | .1911978 | -.009393 | .7391372 | .4106143 | 1.098791 |
| #3 | 22.80054 | 26.17370 | .1923946 | -.009185 | .7073760 | .4117142 | 1.090241 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.063956 | 5.954666 | .0755454 | .0086852 | 6.785301 | 12.01926 | .0151086 |
| Stddev | .137352  | .057940  | .0018797 | .0001773 | .072201  | .13440   | .0009805 |
| %RSD   | 1.944409 | .9730252 | 2.488211 | 2.041062 | 1.064077 | 1.118185 | 6.489555 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.222546 | 5.891263 | .0777128 | .0085196 | 6.708774 | 12.17368 | .0142607 |
| #2 | 6.983069 | 5.967873 | .0743618 | .0088722 | 6.794915 | 11.92870 | .0161823 |
| #3 | 6.986253 | 6.004863 | .0745614 | .0086636 | 6.852213 | 11.95540 | .0148829 |

Sample Name: I1762-14      Acquired: 2/18/2017 13:18:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SG8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6659345 | .0457857 | .1147404 |
| Stddev | .0094491 | .0010037 | .0018047 |
| %RSD   | 1.418919 | 2.192245 | 1.572876 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6760440 | .0469435 | .1167560 |
| #2 | .6644340 | .0452532 | .1141910 |
| #3 | .6573255 | .0451605 | .1132742 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 36.40394 | 1787.757 | 65211.39 | 10630.82 | 1984.541 |
| Stddev    | .73310   | 7.011    | 1459.57  | 131.25   | 10.140   |
| %RSD      | 2.013791 | .3921841 | 2.238212 | 1.234614 | .5109534 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 35.66783 | 1795.817 | 65741.77 | 10480.99 | 1995.994 |
| #2 | 36.41000 | 1784.387 | 66331.62 | 10686.00 | 1980.922 |
| #3 | 37.13399 | 1783.067 | 63560.79 | 10725.47 | 1976.707 |

Sample Name: I1762-15      Acquired: 2/18/2017 13:22:43      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SG9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0679268 | -.000457 | .3672153 | .0107417 | .0047574 | 108.2907 | 1.300181 |
| Stddev | .0122898 | .002167  | .0026675 | .0063235 | .0025043 | .3872    | .000996  |
| %RSD   | 18.09268 | 474.3228 | .7264267 | 58.86841 | 52.64087 | .3575760 | .0765831 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0773468 | -.002762 | .3655034 | .0055364 | .0075914 | 108.2026 | 1.300080 |
| #2 | .0724086 | -.000146 | .3702889 | .0089098 | .0028424 | 108.7144 | 1.301223 |
| #3 | .0540252 | .001538  | .3658537 | .0177789 | .0038384 | 107.9551 | 1.299240 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0083122 | .0063057 | 23.33314 | .1413705 | .1485018 | .1486698 | 159.7249 |
| Stddev | .0001252 | .0001663 | .00148   | .0022112 | .0008857 | .0014098 | .1585    |
| %RSD   | 1.505754 | 2.636460 | .0063216 | 1.564107 | .5964479 | .9482911 | .0992092 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0082778 | .0064850 | 23.33395 | .1431464 | .1492656 | .1470583 | 159.6092 |
| #2 | .0082078 | .0061566 | 23.33404 | .1420712 | .1487089 | .1496755 | 159.9055 |
| #3 | .0084509 | .0062757 | 23.33144 | .1388939 | .1475309 | .1492755 | 159.6599 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.15530 | 15.07818 | .1152035 | -.008787 | .4741616 | .3265619 | .4429584 |
| Stddev | .01776   | .08361   | .0005439 | .001064  | .0757917 | .0018477 | .0122092 |
| %RSD   | .1591834 | .5545149 | .4720934 | 12.10767 | 15.98436 | .5657933 | 2.756282 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.16786 | 15.03531 | .1158150 | -.009597 | .4259293 | .3245346 | .4295196 |
| #2 | 11.16306 | 15.02469 | .1150217 | -.009183 | .5615202 | .3269998 | .4533675 |
| #3 | 11.13499 | 15.17453 | .1147738 | -.007582 | .4350352 | .3281513 | .4459880 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.251657 | 2.072311 | .0603162 | .0038040 | 1.488372 | 12.05453 | .0137489 |
| Stddev | .065229  | .005573  | .0031311 | .0005125 | .017526  | .05247   | .0013524 |
| %RSD   | 1.043381 | .2689155 | 5.191132 | 13.47177 | 1.177530 | .4352313 | 9.836541 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.221324 | 2.075709 | .0628413 | .0037826 | 1.486766 | 12.09307 | .0125899 |
| #2 | 6.326529 | 2.075345 | .0568127 | .0043268 | 1.506646 | 12.07572 | .0152348 |
| #3 | 6.207119 | 2.065880 | .0612945 | .0033025 | 1.471704 | 11.99478 | .0134220 |

Sample Name: I1762-15      Acquired: 2/18/2017 13:22:43      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SG9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8660947 | .0606761 | .0574803 |
| Stddev | .0037149 | .0005476 | .0001142 |
| %RSD   | .4289256 | .9025383 | .1986649 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8686566 | .0607475 | .0574608 |
| #2 | .8677934 | .0611845 | .0576030 |
| #3 | .8618342 | .0600962 | .0573772 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 32.53129 | 1678.246 | 59007.83 | 9404.675 | 2123.063 |
| Stddev    | .67034   | 8.515    | 859.21   | 26.068   | 13.438   |
| %RSD      | 2.060607 | .5073772 | 1.456096 | .2771864 | .6329362 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 33.02491 | 1671.587 | 58356.96 | 9376.846 | 2112.547 |
| #2 | 31.76813 | 1675.310 | 58684.80 | 9408.654 | 2118.441 |
| #3 | 32.80083 | 1687.840 | 59981.74 | 9428.525 | 2138.202 |

Sample Name: I1762-16      Acquired: 2/18/2017 13:26:45      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SH0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0859954 | -.000049 | 3.576566 | .0093050 | .0067558 | 69.80544 | 13.67037 |
| Stddev | .0106013 | .005995  | .024174  | .0027423 | .0023339 | 2.75284  | .32735   |
| %RSD   | 12.32779 | 12161.61 | .6759101 | 29.47163 | 34.54690 | 3.943587 | 2.394627 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0891881 | -.005686 | 3.549672 | .0076022 | .0041316 | 67.91833 | 13.38027 |
| #2 | .0946334 | -.000711 | 3.596488 | .0078442 | .0075366 | 72.96422 | 14.02529 |
| #3 | .0741646 | .006249  | 3.583538 | .0124685 | .0085992 | 68.53377 | 13.60555 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066041 | .0093862 | 35.19690 | .1013450 | .1543311 | .1423363 | 124.7466 |
| Stddev | .0003179 | .0002945 | 1.39591  | .0007745 | .0015179 | .0082026 | 4.9764   |
| %RSD   | 4.814038 | 3.138023 | 3.966012 | .7642517 | .9835218 | 5.762808 | 3.989227 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0063071 | .0095273 | 34.25869 | .1004617 | .1525832 | .1378153 | 121.3030 |
| #2 | .0069395 | .0090477 | 36.80108 | .1019077 | .1553181 | .1518046 | 130.4523 |
| #3 | .0065657 | .0095837 | 34.53093 | .1016657 | .1550918 | .1373889 | 122.4846 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 19.10888 | 9.982399 | .1219290 | -.005531 | .4875682 | .2675494 | 1.990452 |
| Stddev | .77544   | .411529  | .0012146 | .000024  | .1651889 | .0049976 | .045445  |
| %RSD   | 4.058008 | 4.122542 | .9961797 | .4425620 | 33.88017 | 1.867907 | 2.283158 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.58089 | 9.731235 | .1208186 | -.005545 | .6729702 | .2642039 | 1.945733 |
| #2 | 19.99915 | 10.45733 | .1232262 | -.005545 | .3560475 | .2732942 | 2.036590 |
| #3 | 18.74658 | 9.75863  | .1217422 | -.005502 | .4336870 | .2651502 | 1.989033 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.237605 | 3.760137 | .0504491 | .0048386 | 5.762567 | 7.681598 | .0129142 |
| Stddev | .340234  | .044397  | .0035903 | .0005913 | .028273  | .297431  | .0013352 |
| %RSD   | 5.454553 | 1.180719 | 7.116691 | 12.22043 | .4906319 | 3.871991 | 10.33861 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.960891 | 3.722029 | .0467466 | .0055202 | 5.730021 | 7.433925 | .0123608 |
| #2 | 6.617480 | 3.808887 | .0539156 | .0045325 | 5.776626 | 8.011489 | .0119448 |
| #3 | 6.134444 | 3.749494 | .0506849 | .0044631 | 5.781055 | 7.599379 | .0144371 |

Sample Name: I1762-16      Acquired: 2/18/2017 13:26:45      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SH0      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8620857 | .0471698 | .1930821 |
| Stddev | .0360201 | .0020814 | .0081903 |
| %RSD   | 4.178249 | 4.412478 | 4.241873 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8388942 | .0457663 | .1874151 |
| #2 | .9035823 | .0495612 | .2024726 |
| #3 | .8437806 | .0461821 | .1893585 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 31.62702 | 1612.679 | 58356.65 | 9103.219 | 2111.851 |
| Stddev    | .88344   | 4.526    | 500.29   | 291.694  | 11.724   |
| %RSD      | 2.793306 | .2806306 | .8572972 | 3.204298 | .5551610 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 32.53826 | 1614.663 | 58871.13 | 9338.273 | 2123.594 |
| #2 | 30.77429 | 1607.500 | 57871.88 | 8776.772 | 2100.146 |
| #3 | 31.56853 | 1615.873 | 58326.95 | 9194.611 | 2111.813 |

Sample Name: I1762-17      Acquired: 2/18/2017 13:30:54      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SH1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1073389 | .0069824 | 2.612188 | .0083217 | .0092359 | 78.65386 | 2.597687 |
| Stddev | .0048320 | .0013643 | .022253  | .0036389 | .0039380 | 2.01885  | .065110  |
| %RSD   | 4.501652 | 19.53851 | .8518958 | 43.72852 | 42.63772 | 2.566748 | 2.506443 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1126076 | .0084109 | 2.601028 | .0072320 | .0079864 | 78.80700 | 2.600587 |
| #2 | .1031143 | .0068433 | 2.597723 | .0123810 | .0060743 | 76.56280 | 2.531176 |
| #3 | .1062947 | .0056930 | 2.637812 | .0053521 | .0136471 | 80.59178 | 2.661298 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0111124 | .0215793 | 69.50540 | .1610336 | .2200306 | .2390230 | 141.3593 |
| Stddev | .0002938 | .0001319 | 1.80618  | .0032439 | .0015136 | .0127079 | 3.4534   |
| %RSD   | 2.644144 | .6114216 | 2.598613 | 2.014406 | .6879172 | 5.316617 | 2.442986 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0112328 | .0214390 | 69.49490 | .1645152 | .2196435 | .2320403 | 142.0867 |
| #2 | .0107775 | .0215982 | 67.70450 | .1604894 | .2187481 | .2313374 | 137.6002 |
| #3 | .0113269 | .0217008 | 71.31681 | .1580963 | .2217002 | .2536912 | 144.3910 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 22.81700 | 13.71194 | .1885321 | -.006301 | .8826156 | .3423335 | 1.074509 |
| Stddev | .56015   | .39070   | .0015802 | .000070  | .1495298 | .0079477 | .039100  |
| %RSD   | 2.454979 | 2.849308 | .8381474 | 1.108481 | 16.94167 | 2.321630 | 3.638887 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 22.90749 | 13.65401 | .1871627 | -.006381 | .7218778 | .3406418 | 1.063637 |
| #2 | 22.21710 | 13.35345 | .1881727 | -.006272 | .9083796 | .3353679 | 1.041995 |
| #3 | 23.32639 | 14.12837 | .1902611 | -.006250 | 1.017589 | .3509909 | 1.117895 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.119454 | 4.866651 | .0698866 | .0129785 | 5.717674 | 9.103711 | .0187876 |
| Stddev | .245106  | .051375  | .0022593 | .0008956 | .018950  | .204940  | .0040112 |
| %RSD   | 4.005357 | 1.055644 | 3.232783 | 6.900365 | .3314255 | 2.251170 | 21.35034 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.035188 | 4.846008 | .0706237 | .0134875 | 5.708394 | 9.125109 | .0155215 |
| #2 | 5.927596 | 4.828809 | .0673508 | .0119444 | 5.705153 | 8.888912 | .0175764 |
| #3 | 6.395577 | 4.925136 | .0716852 | .0135036 | 5.739475 | 9.297113 | .0232648 |

Sample Name: I1762-17      Acquired: 2/18/2017 13:30:54      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SH1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7435756 | .0436976 | .0943420 |
| Stddev | .0204910 | .0040045 | .0046930 |
| %RSD   | 2.755740 | 9.164150 | 4.974437 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7458591 | .0402290 | .0913914 |
| #2 | .7220385 | .0427836 | .0918811 |
| #3 | .7628292 | .0480800 | .0997537 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 36.75263 | 1801.171 | 65011.71 | 10462.13 | 2057.913 |
| Stddev    | .87773   | 16.068   | 291.47   | 220.64   | 17.666   |
| %RSD      | 2.388201 | .8920636 | .4483324 | 2.108908 | .8584563 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 37.28564 | 1799.990 | 65242.49 | 10400.35 | 2060.872 |
| #2 | 37.23266 | 1817.797 | 65108.47 | 10707.08 | 2073.912 |
| #3 | 35.73958 | 1785.727 | 64684.17 | 10278.98 | 2038.954 |

Sample Name: PB96889BS      Acquired: 2/18/2017 13:34:54      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LCS001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0191807 | .0559995 | .0180463 | .0786439 | .1250436 | .4358901 |
| Stddev | .0112203 | .0017653 | .0025166 | .0055325 | .0037611 | .0068553 |
| %RSD   | 58.49778 | 3.152286 | 13.94529 | 7.034898 | 3.007863 | 1.572702 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0062246 | .0545586 | .0208376 | .0725040 | .1293655 | .4345111 |
| #2 | .0256641 | .0554714 | .0173505 | .0801857 | .1232525 | .4433300 |
| #3 | .0256533 | .0579686 | .0159508 | .0832420 | .1225127 | .4298292 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4501619 | .0110934 | .0114790 | 10.56997 | .0242008 | .0959483 |
| Stddev | .0046692 | .0001151 | .0000539 | .08788   | .0005641 | .0004031 |
| %RSD   | 1.037229 | 1.037682 | .4691854 | .8314563 | 2.330976 | .4201143 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4466548 | .0110652 | .0114370 | 10.49084 | .0245625 | .0960044 |
| #2 | .4554619 | .0112201 | .0114603 | 10.66456 | .0235508 | .0955201 |
| #3 | .4483692 | .0109951 | .0115397 | 10.55451 | .0244891 | .0963204 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0586327 | .2354732 | .0352026 | 9.834610 | .0804728 | .0198843 |
| Stddev | .0004437 | .0274308 | .0005879 | .102783  | .0006666 | .0002789 |
| %RSD   | .7566666 | 11.64923 | 1.669976 | 1.045115 | .8283046 | 1.402622 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0588818 | .2414341 | .0358176 | 9.721098 | .0799074 | .0196564 |
| #2 | .0588958 | .2594334 | .0351440 | 9.921375 | .0803032 | .0198012 |
| #3 | .0581204 | .2055520 | .0346463 | 9.861358 | .0812077 | .0201953 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 10.34718 | .1187388 | .1266079 | 10.30381 | F .0287501 | F .0172845 |
| Stddev | .03616   | .0039936 | .0051608 | .09445   | .0030887   | .0009340   |
| %RSD   | .3494585 | 3.363313 | 4.076243 | .9166759 | 10.74314   | 5.403441   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.34110 | .1145310 | .1267259 | 10.24425 | .0273961 | .0166429 |
| #2 | 10.38599 | .1224765 | .1213891 | 10.41271 | .0322845 | .0168546 |
| #3 | 10.31444 | .1192089 | .1317087 | 10.25446 | .0265696 | .0183560 |

Sample Name: PB96889BS      Acquired: 2/18/2017 13:34:54      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LCS001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0226639 | .1760830 | .2026842 | F .0168555 | .2306395 | .1110178 |
| Stddev | .0006403 | .0084457 | .0013453 | .0007377   | .0022064 | .0007332 |
| %RSD   | 2.825187 | 4.796416 | .6637563 | 4.376390   | .9566287 | .6604393 |
|        |          |          |          |            |          |          |
| #1     | .0233449 | .1682898 | .2028745 | .0162647   | .2289344 | .1104263 |
| #2     | .0220740 | .1749022 | .2039242 | .0176823   | .2331314 | .1118381 |
| #3     | .0225728 | .1850569 | .2012538 | .0166195   | .2298525 | .1107889 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2302783 |
| Stddev | .0025724 |
| %RSD   | 1.117062 |
|        |          |
| #1     | .2285599 |
| #2     | .2332357 |
| #3     | .2290393 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 29.13243 | 1526.531 | 53081.87 | 8045.232 | 2233.132 |
| Stddev    | .15279   | 3.495    | 817.35   | 80.513   | 5.522    |
| %RSD      | .5244762 | .2289555 | 1.539801 | 1.000758 | .2472980 |
|           |          |          |          |          |          |
| #1        | 29.01012 | 1523.627 | 52142.42 | 8077.088 | 2228.479 |
| #2        | 29.08345 | 1530.410 | 53629.99 | 7953.665 | 2239.235 |
| #3        | 29.30370 | 1525.557 | 53473.19 | 8104.943 | 2231.684 |

Sample Name: I1762-18      Acquired: 2/18/2017 13:39:00      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SH2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0294022 | -.000627 | .3875382 | .0062346 | .0029155 | 48.98638 | .9262695 |
| Stddev | .0068681 | .002648  | .0028160 | .0040986 | .0046392 | .16526   | .0032060 |
| %RSD   | 23.35905 | 422.4011 | .7266379 | 65.73915 | 159.1225 | .3373644 | .3461195 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0373294 | .001953  | .3859575 | .0026296 | .0082673 | 48.82180 | .9241370 |
| #2 | .0256398 | -.000495 | .3907894 | .0053817 | .0004439 | 48.98502 | .9247152 |
| #3 | .0252374 | -.003338 | .3858676 | .0106925 | .0000354 | 49.15231 | .9299564 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0028171 | .0022492 | 3.650259 | .0727744 | .0579069 | .0648173 | 95.47958 |
| Stddev | .0001506 | .0001097 | .030109  | .0009469 | .0002173 | .0003323 | .20230   |
| %RSD   | 5.346874 | 4.875461 | .8248322 | 1.301203 | .3752256 | .5126337 | .2118766 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0026750 | .0023714 | 3.643920 | .0738667 | .0576857 | .0645113 | 95.36545 |
| #2 | .0029750 | .0022167 | 3.623825 | .0721845 | .0581200 | .0651708 | 95.36012 |
| #3 | .0028013 | .0021595 | 3.683032 | .0722721 | .0579151 | .0647697 | 95.71315 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.309777 | 6.333083 | .0523786 | -.005223 | .3878318 | .1828328 | .3034763 |
| Stddev | .008080  | .056687  | .0003943 | .000324  | .0542461 | .0028774 | .0214179 |
| %RSD   | .6168834 | .8951005 | .7527386 | 6.208410 | 13.98702 | 1.573775 | 7.057526 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.307045 | 6.363727 | .0524634 | -.005597 | .3257070 | .1825381 | .3135346 |
| #2 | 1.303418 | 6.267670 | .0527235 | -.005026 | .4119645 | .1801141 | .2788806 |
| #3 | 1.318869 | 6.367853 | .0519488 | -.005045 | .4258239 | .1858461 | .3180136 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.870710 | 1.480365 | .0361793 | .0055436 | 1.345504 | 7.259135 | .0143121 |
| Stddev | .033212  | .022922  | .0010486 | .0004415 | .017118  | .039794  | .0028690 |
| %RSD   | 1.156937 | 1.548426 | 2.898205 | 7.964458 | 1.272268 | .5481943 | 20.04575 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.889876 | 1.489989 | .0357531 | .0060410 | 1.354100 | 7.296749 | .0111641 |
| #2 | 2.832359 | 1.496907 | .0373739 | .0053919 | 1.356622 | 7.217470 | .0167796 |
| #3 | 2.889893 | 1.454200 | .0354110 | .0051980 | 1.325791 | 7.263186 | .0149927 |

Sample Name: I1762-18      Acquired: 2/18/2017 13:39:00      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SH2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8921606 | .0419131 | .0456131 |
| Stddev | .0013486 | .0004502 | .0001301 |
| %RSD   | .1511564 | 1.074076 | .2853020 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8906276 | .0421668 | .0454893 |
| #2 | .8931638 | .0421792 | .0456011 |
| #3 | .8926905 | .0413934 | .0457487 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 31.61925 | 1549.679 | 55543.87 | 8769.535 | 2186.610 |
| Stddev    | .97862   | 11.858   | 213.81   | 14.168   | 20.989   |
| %RSD      | 3.095029 | .7651647 | .3849462 | .1615575 | .9598994 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 30.56691 | 1546.813 | 55320.48 | 8759.548 | 2184.036 |
| #2 | 32.50200 | 1539.517 | 55564.52 | 8785.750 | 2167.027 |
| #3 | 31.78883 | 1562.707 | 55746.61 | 8763.306 | 2208.768 |

Sample Name: CCV085      Acquired: 2/18/2017 13:47:10      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV085      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.035525 | 4.822402 | 24.30647 | 5.064409 | 5.039118 | 423.0302 | 10.43908 |
| Stddev | .031823  | .013929  | .11391   | .045093  | .017107  | 2.1186   | .09263   |
| %RSD   | .6319751 | .2888496 | .4686573 | .8903821 | .3394757 | .5008057 | .8873337 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.999498 | 4.809665 | 24.17498 | 5.019724 | 5.029835 | 423.3855 | 10.52724 |
| #2 | 5.047272 | 4.837277 | 24.36927 | 5.063605 | 5.028660 | 420.7565 | 10.34255 |
| #3 | 5.059805 | 4.820266 | 24.37517 | 5.109898 | 5.058859 | 424.9487 | 10.44746 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5144069 | 2.386765 | 400.8442 | 15.57344 | 2.449509 | 15.81158 | 401.3641 |
| Stddev | .0041480 | .008360  | 1.8421   | .21826   | .008029  | .05280   | 1.8633   |
| %RSD   | .8063660 | .3502505 | .4595578 | 1.401475 | .3277900 | .3339358 | .4642378 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5181789 | 2.377373 | 401.5455 | 15.77123 | 2.440469 | 15.83586 | 401.9491 |
| #2 | .5099645 | 2.393391 | 398.7544 | 15.33928 | 2.455813 | 15.75101 | 399.2786 |
| #3 | .5150772 | 2.389529 | 402.2326 | 15.60982 | 2.452244 | 15.84788 | 402.8647 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.85110 | 395.5138 | 2.449915 | 1.247434 | 399.0276 | 2.636160 | 14.65167 |
| Stddev | .08876   | 2.0311   | .011326  | .018026  | 2.1372   | .019349  | .27558   |
| %RSD   | .5976445 | .5135438 | .4623046 | 1.445035 | .5355951 | .7339787 | 1.880895 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.86159 | 395.6911 | 2.437081 | 1.264076 | 399.8510 | 2.634239 | 14.94300 |
| #2 | 14.75756 | 393.3999 | 2.458509 | 1.228287 | 396.6011 | 2.617844 | 14.61686 |
| #3 | 14.93414 | 397.4505 | 2.454157 | 1.249939 | 400.6305 | 2.656398 | 14.39515 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 159.6483 | 5.006784 | 4.879228 | 4.957698 | 5.094592 | 4.787580 | 4.877665 |
| Stddev | .5814    | .032800  | .036341  | .024504  | .008433  | .040471  | .032241  |
| %RSD   | .3641916 | .6551189 | .7448040 | .4942527 | .1655366 | .8453430 | .6609907 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 160.0146 | 4.971146 | 4.914022 | 4.929933 | 5.084907 | 4.822878 | 4.842172 |
| #2 | 158.9779 | 5.013497 | 4.841516 | 4.966863 | 5.100309 | 4.743408 | 4.905141 |
| #3 | 159.9523 | 5.035708 | 4.882147 | 4.976297 | 5.098560 | 4.796455 | 4.885681 |

Sample Name: CCV085      Acquired: 2/18/2017 13:47:10      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV085      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.253461 | 5.305611 | 5.256986 |
| Stddev | .028091  | .020414  | .055463  |
| %RSD   | .5347102 | .3847719 | 1.055042 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.267679 | 5.307770 | 5.310233 |
| #2 | 5.221103 | 5.284202 | 5.199545 |
| #3 | 5.271599 | 5.324859 | 5.261182 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 26.04719 | 1287.031 | 46013.62 | 7705.961 | 1598.382 |
| Stddev    | .54511   | 6.225    | 553.45   | 52.344   | 6.269    |
| %RSD      | 2.092795 | .4836983 | 1.202787 | .6792620 | .3921845 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 25.45539 | 1294.082 | 45532.42 | 7674.586 | 1605.617 |
| #2 | 26.15741 | 1284.716 | 46618.42 | 7766.387 | 1594.568 |
| #3 | 26.52878 | 1282.295 | 45890.02 | 7676.909 | 1594.962 |

Sample Name: CCB085      Acquired: 2/18/2017 13:55:58      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB085      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0042361 | -.003023 | -.002951 | .0060636 | .0000065 | -.004442 | -.002333 |
| Stddev | .0041868 | .003887  | .000942  | .0063816 | .0017809 | .009034  | .000501  |
| %RSD   | 98.83740 | 128.5817 | 31.92405 | 105.2445 | 27316.83 | 203.3668 | 21.46083 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000534 | -.004028 | -.002661 | -.001277 | .0019524 | -.013302 | -.001993 |
| #2 | .007303  | .001268  | -.004004 | .010291  | -.000391 | -.004780 | -.002097 |
| #3 | .005939  | -.006309 | -.002188 | .009177  | -.001542 | .004756  | -.002908 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000192 | .0003253 | .0114367 | .0006398 | .0002037 | .0019545 | -.000194 |
| Stddev | .0000679 | .0000094 | .0018778 | .0003331 | .0000417 | .0018413 | .013161  |
| %RSD   | 353.0721 | 2.873649 | 16.41873 | 52.06890 | 20.44376 | 94.20619 | 6773.126 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000017 | .0003148 | .0095016 | .0002908 | .0002129 | .0031187 | .010105  |
| #2 | -.000023 | .0003329 | .0132513 | .0009543 | .0002400 | .0029132 | .004333  |
| #3 | .000098  | .0003282 | .0115571 | .0006741 | .0001583 | -.000168 | -.015021 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005500 | -.012597 | .0008139 | .0001085 | -.079908 | -.002608 | .0148421 |
| Stddev | .0005300 | .005434  | .0002817 | .0002600 | .034761  | .002486  | .0100247 |
| %RSD   | 96.35037 | 43.13871 | 34.61378 | 239.6491 | 43.50193 | 95.32409 | 67.54189 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000194 | -.015870 | .0011299 | .0003735 | -.118805 | -.005161 | .0243504 |
| #2 | .0010793 | -.006324 | .0007231 | -.000146 | -.069041 | -.000194 | .0043706 |
| #3 | .0005514 | -.015598 | .0005888 | .000098  | -.051878 | -.002470 | .0158054 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.383922 | .0078377 | -.003454 | -.001037 | -.006550 | -.006506 | .0046414 |
| Stddev | .056561  | .0075751 | .000696  | .000246  | .004474  | .000971  | .0019398 |
| %RSD   | 14.73255 | 96.64997 | 20.16005 | 23.72494 | 68.30617 | 14.91966 | 41.79381 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.319441 | .0073326 | -.002808 | -.001015 | -.011716 | -.006896 | .0028492 |
| #2 | -.407167 | .0156527 | -.003363 | -.000803 | -.003989 | -.005401 | .0043739 |
| #3 | -.425157 | .0005277 | -.004192 | -.001294 | -.003945 | -.007221 | .0067010 |

Sample Name: CCB085      Acquired: 2/18/2017 13:55:58      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB085      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000076 | -.003027 | -.000044 |
| Stddev | .001151  | .001056  | .000090  |
| %RSD   | 1510.085 | 34.87792 | 204.9489 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .001225  | -.002954 | -.000109 |
| #2 | -.000494 | -.002010 | -.000082 |
| #3 | -.000960 | -.004117 | .000059  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 30.06306 | 1564.282 | 54948.26 | 8201.617 | 2364.398 |
| Stddev    | .68315   | 3.270    | 333.66   | 60.646   | 3.965    |
| %RSD      | 2.272379 | .2090387 | .6072185 | .7394364 | .1676959 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 29.46167 | 1561.073 | 54644.05 | 8237.700 | 2360.292 |
| #2 | 30.80583 | 1564.163 | 54895.63 | 8235.550 | 2368.205 |
| #3 | 29.92167 | 1567.610 | 55305.11 | 8131.600 | 2364.698 |

Sample Name: I1674-17      Acquired: 2/18/2017 14:00:05      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9S19      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2870966 | .0119481 | .5242573 | .0117603 | .0148910 | 139.8603 | .5051903 |
| Stddev | .0033398 | .0015661 | .0075780 | .0030012 | .0020797 | .0444    | .0011442 |
| %RSD   | 1.163296 | 13.10775 | 1.445466 | 25.51993 | 13.96609 | .0317727 | .2264856 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2907209 | .0127525 | .5324390 | .0118068 | .0169038 | 139.9109 | .5058635 |
| #2 | .2864256 | .0129487 | .5174794 | .0087361 | .0150188 | 139.8426 | .5038691 |
| #3 | .2841433 | .0101433 | .5228534 | .0147381 | .0127503 | 139.8274 | .5058382 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0113869 | .0067861 | 6.269121 | .2559485 | .1083687 | .5151473 | 458.4422 |
| Stddev | .0002316 | .0002949 | .025600  | .0024755 | .0016741 | .0032968 | .9767    |
| %RSD   | 2.034169 | 4.345425 | .4083464 | .9671819 | 1.544823 | .6399704 | .2130461 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0112264 | .0067717 | 6.264590 | .2546670 | .1097122 | .5138611 | 457.5417 |
| #2 | .0112817 | .0064987 | 6.246090 | .2588020 | .1064932 | .5126875 | 458.3043 |
| #3 | .0116524 | .0070879 | 6.296684 | .2543764 | .1089006 | .5188933 | 459.4805 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9886660 | 6.681393 | .2100163 | -.024685 | .5742861 | .9579492 | .3233793 |
| Stddev | .0019922 | .052748  | .0019946 | .000283  | .1188124 | .0011298 | .0237129 |
| %RSD   | .2015050 | .7894729 | .9497246 | 1.145103 | 20.68872 | .1179402 | 7.332855 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9871807 | 6.622533 | .2121496 | -.024366 | .6121116 | .9580827 | .3140758 |
| #2 | .9878872 | 6.724387 | .2081980 | -.024784 | .4411660 | .9567585 | .3057288 |
| #3 | .9909299 | 6.697259 | .2097014 | -.024904 | .6695808 | .9590063 | .3503332 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.153646 | 1.408724 | .1490248 | .0078564 | 1.105098 | 23.65642 | .0225237 |
| Stddev | .020488  | .016766  | .0005738 | .0004328 | .013327  | .17237   | .0011220 |
| %RSD   | .4932586 | 1.190177 | .3850588 | 5.509109 | 1.206000 | .7286306 | 4.981569 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.158860 | 1.427359 | .1483995 | .0083474 | 1.109075 | 23.49985 | .0212303 |
| #2 | 4.171024 | 1.394861 | .1495273 | .0076918 | 1.090235 | 23.62829 | .0231043 |
| #3 | 4.131055 | 1.403952 | .1491475 | .0075301 | 1.115985 | 23.84113 | .0232365 |

Sample Name: I1674-17      Acquired: 2/18/2017 14:00:05      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9S19      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.234634 | .0448514 | .0549875 |
| Stddev | .003974  | .0000903 | .0001116 |
| %RSD   | .3218911 | .2014234 | .2029180 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.238164 | .0449310 | .0551159 |
| #2 | 1.230330 | .0448699 | .0549137 |
| #3 | 1.235409 | .0447532 | .0549330 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 32.76458 | 1620.117 | 56580.62 | 9043.924 | 2063.413 |
| Stddev    | 1.03406  | 12.557   | 413.63   | 41.881   | 18.420   |
| %RSD      | 3.156024 | .7750594 | .7310505 | .4630820 | .8927187 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 32.90081 | 1607.437 | 56824.62 | 9069.785 | 2044.165 |
| #2 | 33.72378 | 1632.547 | 56103.04 | 9066.384 | 2080.876 |
| #3 | 31.66916 | 1620.367 | 56814.21 | 8995.604 | 2065.197 |

Sample Name: I1762-19      Acquired: 2/18/2017 14:04:06      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SH3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0270973 | -.003299 | .5075157 | .0073168 | .0033891 | 41.16600 | 2.099422 |
| Stddev | .0084119 | .003938  | .0066130 | .0071664 | .0046312 | .03862   | .006715  |
| %RSD   | 31.04316 | 119.3449 | 1.303012 | 97.94551 | 136.6508 | .0938095 | .3198427 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0189487 | -.006722 | .5065236 | .0155838 | .0070840 | 41.20033 | 2.106082 |
| #2 | .0265934 | -.004180 | .5014548 | .0028675 | .0048896 | 41.17349 | 2.092654 |
| #3 | .0357498 | .001004  | .5145686 | .0034990 | -.001806 | 41.12419 | 2.099532 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0042803 | .0046274 | 15.23990 | .0654176 | .0805717 | .0648042 | 79.98136 |
| Stddev | .0001042 | .0000827 | .00571   | .0016637 | .0011781 | .0012308 | .09029   |
| %RSD   | 2.433942 | 1.786385 | .0374377 | 2.543183 | 1.462201 | 1.899183 | .1128835 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0043958 | .0046457 | 15.24171 | .0662800 | .0806687 | .0659152 | 79.99036 |
| #2 | .0042515 | .0045372 | 15.24447 | .0664730 | .0793480 | .0650163 | 80.06682 |
| #3 | .0041936 | .0046994 | 15.23350 | .0634998 | .0816983 | .0634812 | 79.88692 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.473604 | 5.715651 | .0519674 | -.003732 | .3072167 | .1430475 | .3646388 |
| Stddev | .012691  | .036251  | .0005637 | .000460  | .1060374 | .0030502 | .0195497 |
| %RSD   | .2318514 | .6342338 | 1.084739 | 12.33650 | 34.51552 | 2.132312 | 5.361386 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.483522 | 5.738941 | .0518213 | -.004258 | .4184153 | .1465674 | .3548533 |
| #2 | 5.477987 | 5.673885 | .0514911 | -.003401 | .2960032 | .1413959 | .3871490 |
| #3 | 5.459302 | 5.734126 | .0525897 | -.003537 | .2072316 | .1411792 | .3519141 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.731157 | 1.840154 | .0314601 | .0045417 | 1.929680 | 6.442678 | .0119330 |
| Stddev | .033195  | .027394  | .0011864 | .0005502 | .019337  | .026732  | .0014040 |
| %RSD   | 1.215417 | 1.488678 | 3.771275 | 12.11477 | 1.002058 | .4149193 | 11.76535 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.757802 | 1.837456 | .0306420 | .0039989 | 1.920450 | 6.460964 | .0111376 |
| #2 | 2.693972 | 1.814208 | .0309175 | .0045272 | 1.916687 | 6.455071 | .0111074 |
| #3 | 2.741698 | 1.868797 | .0328208 | .0050990 | 1.951901 | 6.411999 | .0135541 |

Sample Name: I1762-19      Acquired: 2/18/2017 14:04:06      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SH3      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7080623 | .0295492 | .0800197 |
| Stddev | .0037314 | .0008227 | .0002308 |
| %RSD   | .5269902 | 2.784248 | .2884191 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7123604 | .0298470 | .0801287 |
| #2 | .7061736 | .0301816 | .0797546 |
| #3 | .7056528 | .0286191 | .0801758 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 31.91242 | 1596.933 | 57918.07 | 9116.158 | 2206.974 |
| Stddev    | .98575   | 10.401   | 1020.67  | 19.167   | 17.117   |
| %RSD      | 3.088937 | .6513410 | 1.762273 | .2102559 | .7755832 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 31.11925 | 1602.573 | 57136.64 | 9099.522 | 2214.295 |
| #2 | 31.60200 | 1603.297 | 57544.70 | 9111.834 | 2219.214 |
| #3 | 33.01602 | 1584.930 | 59072.85 | 9137.118 | 2187.415 |

Sample Name: I1762-20      Acquired: 2/18/2017 14:08:09      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SH4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0183524 | .0007161 | .3114945 | .0038952 | .0053429 | 38.53710 | 1.144129 |
| Stddev | .0056144 | .0005199 | .0034063 | .0068273 | .0019649 | .20825   | .004412  |
| %RSD   | 30.59195 | 72.60128 | 1.093528 | 175.2734 | 36.77583 | .5404010 | .3855827 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0185490 | .0006196 | .3083627 | .0109751 | .0076037 | 38.46993 | 1.143178 |
| #2 | .0126423 | .0002512 | .3109999 | .0033583 | .0043776 | 38.77065 | 1.148939 |
| #3 | .0238659 | .0012775 | .3151211 | -.002648 | .0040473 | 38.37072 | 1.140271 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029393 | .0029739 | 8.052164 | .0632311 | .0574775 | .0593359 | 80.43560 |
| Stddev | .0002527 | .0000777 | .013849  | .0010504 | .0004650 | .0007667 | .31192   |
| %RSD   | 8.598144 | 2.612290 | .1719949 | 1.661272 | .8089662 | 1.292127 | .3877929 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0026586 | .0028862 | 8.040061 | .0634792 | .0576601 | .0591328 | 80.13744 |
| #2 | .0030103 | .0030340 | 8.067267 | .0620788 | .0578234 | .0586912 | 80.75967 |
| #3 | .0031488 | .0030015 | 8.049164 | .0641353 | .0569489 | .0601837 | 80.40969 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.214398 | 5.321966 | .0450682 | -.003875 | .2485029 | .1543364 | .3188959 |
| Stddev | .018756  | .010220  | .0005128 | .000244  | .0569721 | .0012073 | .0162693 |
| %RSD   | .5835039 | .1920311 | 1.137750 | 6.306764 | 22.92616 | .7822516 | 5.101748 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.200437 | 5.330443 | .0453875 | -.003981 | .2222867 | .1540748 | .3354435 |
| #2 | 3.235717 | 5.310618 | .0444767 | -.003596 | .2093581 | .1556531 | .3029201 |
| #3 | 3.207039 | 5.324837 | .0453404 | -.004050 | .3138638 | .1532814 | .3183241 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.178107 | 1.874349 | .0321649 | .0048475 | 1.872931 | 5.623236 | .0119229 |
| Stddev | .040313  | .013403  | .0007586 | .0005361 | .022303  | .020285  | .0007752 |
| %RSD   | 1.268448 | .7150695 | 2.358452 | 11.06002 | 1.190792 | .3607357 | 6.501426 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.141724 | 1.859021 | .0312890 | .0048921 | 1.850321 | 5.608855 | .0120634 |
| #2 | 3.221444 | 1.883863 | .0326166 | .0053599 | 1.894913 | 5.614415 | .0110871 |
| #3 | 3.171151 | 1.880164 | .0325889 | .0042904 | 1.873560 | 5.646438 | .0126182 |

Sample Name: I1762-20      Acquired: 2/18/2017 14:08:09      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SH4      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7805255 | .0271887 | .0593373 |
| Stddev | .0026786 | .0002501 | .0004537 |
| %RSD   | .3431778 | .9198118 | .7645372 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7777862 | .0272390 | .0591320 |
| #2 | .7831390 | .0274098 | .0598573 |
| #3 | .7806514 | .0269173 | .0590226 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 30.53928 | 1547.642 | 56121.12 | 8791.635 | 2214.664 |
| Stddev    | .39666   | 6.193    | 276.60   | 30.282   | 10.148   |
| %RSD      | 1.298845 | .4001507 | .4928664 | .3444429 | .4582029 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 30.35905 | 1553.177 | 55895.53 | 8809.103 | 2220.208 |
| #2 | 30.26473 | 1540.953 | 56429.72 | 8756.668 | 2202.952 |
| #3 | 30.99405 | 1548.797 | 56038.11 | 8809.134 | 2220.832 |

Sample Name: I1762-21      Acquired: 2/18/2017 14:12:12      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SH5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2242369 | -.001663 | 17.82059 | -.002489 | .0161067 | 115.1630 |
| Stddev | .0166111 | .003573  | .06067   | .004102  | .0043365 | .4434    |
| %RSD   | 7.407816 | 214.9071 | .3404354 | 164.7814 | 26.92367 | .3850317 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2230358 | -.000772 | 17.77599 | -.007217 | .0111606 | 115.5862 |
| #2 | .2082591 | -.005597 | 17.79611 | -.000377 | .0179036 | 114.7018 |
| #3 | .2414160 | .001381  | 17.88967 | .000126  | .0192559 | 115.2010 |

|        |            |          |          |            |          |          |
|--------|------------|----------|----------|------------|----------|----------|
| Elem   | Ba4934     | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | F 29.27623 | .0116909 | .0241770 | F 1362.710 | .1362766 | .1003778 |
| Stddev | .30985     | .0001647 | .0003840 | 12.246     | .0010364 | .0004362 |
| %RSD   | 1.058361   | 1.409257 | 1.588433 | .8986282   | .7604884 | .4345845 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 29.36927 | .0116363 | .0245031 | 1363.209 | .1362896 | .1008702 |
| #2 | 28.93052 | .0115604 | .0237538 | 1350.222 | .1373063 | .1000398 |
| #3 | 29.52890 | .0118760 | .0242743 | 1374.698 | .1352337 | .1002233 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4348476 | 234.1302 | 5.543695 | F 831.9027 | .2210618 | -.015284 |
| Stddev | .0029855 | .7916    | .032574  | 3.7284     | .0009049 | .000384  |
| %RSD   | .6865683 | .3381159 | .5875916 | .4481734   | .4093268 | 2.509981 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4358829 | 234.3810 | 5.562075 | 834.0344 | .2208016 | -.014953 |
| #2 | .4371776 | 233.2436 | 5.506085 | 827.5976 | .2203156 | -.015194 |
| #3 | .4314822 | 234.7661 | 5.562926 | 834.0761 | .2220683 | -.015704 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.636571 | .4496064 | 4.506456 | 12.03719 | 5.444178 | .1192046 |
| Stddev | .101085  | .0082210 | .134677  | .06886   | .024696  | .0013239 |
| %RSD   | 3.833958 | 1.828485 | 2.988526 | .5720863 | .4536145 | 1.110618 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.753162 | .4564107 | 4.644609 | 12.00909 | 5.422214 | .1177238 |
| #2 | 2.573460 | .4404718 | 4.375548 | 11.98682 | 5.439410 | .1202738 |
| #3 | 2.583092 | .4519367 | 4.499212 | 12.11566 | 5.470909 | .1196161 |

Sample Name: I1762-21      Acquired: 2/18/2017 14:12:12      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SH5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062864 | 11.89400 | 10.36308 | .0072655 | .3519631 | .0761113 |
| Stddev | .0004814 | .05767   | .08940   | .0066081 | .0014934 | .0004253 |
| %RSD   | 7.658089 | .4848954 | .8626788 | 90.95165 | .4243192 | .5587914 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0068009 | 11.83180 | 10.33972 | .0048436 | .3502386 | .0759120 |
| #2 | .0062114 | 11.90450 | 10.28768 | .0147429 | .3528171 | .0758222 |
| #3 | .0058468 | 11.94570 | 10.46185 | .0022100 | .3528335 | .0765997 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .8868909 |
| Stddev | .0021717 |
| %RSD   | .2448625 |

|    |          |
|----|----------|
| #1 | .8888615 |
| #2 | .8845626 |
| #3 | .8872486 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 29.48492 | 1394.167 | 50785.02 | 8755.216 | 1499.293 |
| Stddev    | .77642   | 3.502    | 113.30   | 33.981   | 3.425    |
| %RSD      | 2.633274 | .2511882 | .2230937 | .3881279 | .2284563 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 28.59384 | 1397.634 | 50671.16 | 8739.863 | 1503.071 |
| #2 | 30.01599 | 1394.235 | 50786.14 | 8794.165 | 1498.417 |
| #3 | 29.84492 | 1390.632 | 50897.75 | 8731.620 | 1496.390 |

Sample Name: I1762-22      Acquired: 2/18/2017 14:16:32      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SH6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0650504 | .0010407 | .5910522 | .0081953 | .0052213 | 49.55606 | 1.365241 |
| Stddev | .0046600 | .0055114 | .0087399 | .0007721 | .0026736 | .22095   | .004325  |
| %RSD   | 7.163634 | 529.5840 | 1.478706 | 9.421352 | 51.20566 | .4458642 | .3168110 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0639261 | .0066702 | .5837050 | .0074008 | .0061290 | 49.38691 | 1.361894 |
| #2 | .0610554 | .0007963 | .5887341 | .0082424 | .0073230 | 49.47523 | 1.363704 |
| #3 | .0701696 | -.004344 | .6007174 | .0089428 | .0022121 | 49.80605 | 1.370125 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034621 | .0033738 | 7.620429 | .0706531 | .0524440 | .0975680 | 86.44598 |
| Stddev | .0001649 | .0001452 | .045845  | .0003068 | .0004573 | .0017768 | .42457   |
| %RSD   | 4.762062 | 4.302358 | .6016083 | .4342139 | .8719897 | 1.821044 | .4911447 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0034290 | .0033340 | 7.579191 | .0707983 | .0519545 | .0971919 | 86.06218 |
| #2 | .0036410 | .0032526 | 7.612301 | .0708603 | .0525170 | .0995027 | 86.37371 |
| #3 | .0033163 | .0035346 | 7.669794 | .0703006 | .0528603 | .0960093 | 86.90205 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.092279 | 5.158891 | .0717367 | -.003819 | .3312542 | .1693698 | .4419048 |
| Stddev | .020350  | .044110  | .0008499 | .000207  | .1465952 | .0012617 | .0270945 |
| %RSD   | .6581037 | .8550280 | 1.184810 | 5.409833 | 44.25459 | .7449521 | 6.131301 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.074517 | 5.209792 | .0718458 | -.004045 | .4223161 | .1693783 | .4180530 |
| #2 | 3.087836 | 5.135024 | .0708375 | -.003641 | .1621476 | .1706273 | .4362970 |
| #3 | 3.114484 | 5.131857 | .0725269 | -.003770 | .4092991 | .1681039 | .4713644 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.880064 | 2.515808 | .0374590 | .0059564 | 2.545569 | 7.117675 | .0150971 |
| Stddev | .059287  | .030679  | .0013952 | .0002983 | .017369  | .029124  | .0009524 |
| %RSD   | 1.527991 | 1.219457 | 3.724533 | 5.008166 | .6823146 | .4091719 | 6.308435 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.833032 | 2.490146 | .0359958 | .0059635 | 2.546798 | 7.086426 | .0158968 |
| #2 | 3.860499 | 2.507489 | .0387744 | .0056546 | 2.527618 | 7.122537 | .0153510 |
| #3 | 3.946661 | 2.549789 | .0376067 | .0062511 | 2.562290 | 7.144061 | .0140435 |

Sample Name: I1762-22      Acquired: 2/18/2017 14:16:32      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SH6      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8097851 | .0293557 | .0598559 |
| Stddev | .0039495 | .0004421 | .0003000 |
| %RSD   | .4877267 | 1.506106 | .5011566 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8072128 | .0288566 | .0596786 |
| #2 | .8078098 | .0296984 | .0596867 |
| #3 | .8143325 | .0295120 | .0602022 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 30.63047 | 1542.327 | 55557.82 | 8866.484 | 2205.132 |
| Stddev    | 1.06247  | 6.521    | 244.02   | 25.109   | 17.212   |
| %RSD      | 3.468670 | .4227761 | .4392205 | .2831899 | .7805249 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 29.78688 | 1543.600 | 55649.54 | 8887.862 | 2210.618 |
| #2 | 31.82370 | 1548.117 | 55281.23 | 8872.757 | 2218.932 |
| #3 | 30.28082 | 1535.263 | 55742.70 | 8838.833 | 2185.846 |

Sample Name: I1763-02      Acquired: 2/18/2017 14:20:35      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SH8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0344107 | .0010729 | .1830519 | .0065762 | -.000206 | 77.04498 | 1.864325 |
| Stddev | .0033944 | .0064570 | .1637488 | .0041333 | .003267  | .54053   | .010485  |
| %RSD   | 9.864481 | 601.8106 | 89.45485 | 62.85171 | 1583.656 | .7015739 | .5624046 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0380828 | -.005713 | .3146283 | .0064740 | .001455  | 76.43471 | 1.852472 |
| #2 | .0337616 | .001791  | .2348622 | .0107597 | .001896  | 77.23673 | 1.868115 |
| #3 | .0313876 | .007141  | -.000335 | .0024950 | -.003971 | 77.46348 | 1.872388 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0048320 | .0015240 | 17.44695 | .0893698 | .0483410 | .1074786 | 101.2001 |
| Stddev | .0000826 | .0041058 | .12647   | .0008385 | .0430771 | .0022887 | .7458    |
| %RSD   | 1.709896 | 269.4108 | .7248992 | .9381949 | 89.11086 | 2.129459 | .7369816 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0047725 | .0048024 | 17.30745 | .0902658 | .0827014 | .1087909 | 100.4320 |
| #2 | .0047971 | .0028506 | 17.47930 | .0886042 | .0623082 | .1088091 | 101.2469 |
| #3 | .0049263 | -.003081 | 17.55411 | .0892393 | .0000135 | .1048359 | 101.9214 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.347162 | 11.46279 | .0365177 | -.005310 | .4483592 | .2012883 | .7599839 |
| Stddev | .023743  | .11601   | .0322329 | .000256  | .0478533 | .0032704 | .0481102 |
| %RSD   | .5461736 | 1.012046 | 88.26658 | 4.827835 | 10.67299 | 1.624760 | 6.330428 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.326656 | 11.32971 | .0616590 | -.005232 | .4952309 | .1995134 | .7212895 |
| #2 | 4.341655 | 11.54255 | .0477146 | -.005102 | .4502655 | .2050625 | .8138514 |
| #3 | 4.373174 | 11.51611 | .0001795 | -.005596 | .3995813 | .1992890 | .7448107 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.118005 | 1.558100 | .0362503 | .0030091 | .8074117 | 1.907392 | .0044206 |
| Stddev | .077555  | 1.401112 | .0010018 | .0032164 | .8687162 | .009620  | .0081474 |
| %RSD   | 1.267656 | 89.92439 | 2.763446 | 106.8893 | 107.5927 | .5043669 | 184.3059 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.029280 | 2.683011 | .0366497 | .0060020 | 1.502863 | 1.896390 | .0113877 |
| #2 | 6.151850 | 2.002643 | .0369907 | .0034172 | 1.085727 | 1.911566 | .0064119 |
| #3 | 6.172887 | -.011354 | .0351104 | -.000392 | -.166356 | 1.914220 | -.004538 |

Sample Name: I1763-02      Acquired: 2/18/2017 14:20:35      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SH8      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6614653 | .0677914 | .0953905 |
| Stddev | .0042089 | .0004368 | .0006346 |
| %RSD   | .6362927 | .6443486 | .6652510 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6566054 | .0682861 | .0946693 |
| #2 | .6638666 | .0674588 | .0956387 |
| #3 | .6639238 | .0676293 | .0958634 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 32.11458 | 3375.535 | 57949.81 | 9215.921 | 4785.284 |
| Stddev    | .71098   | 2793.249 | 318.83   | 41.539   | 4190.708 |
| %RSD      | 2.213877 | 82.74981 | .5501910 | .4507322 | 87.57491 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 32.10383 | 1581.343 | 57633.32 | 9263.720 | 2114.446 |
| #2 | 31.40904 | 1951.447 | 57945.18 | 9195.485 | 2626.135 |
| #3 | 32.83087 | 6593.815 | 58270.94 | 9188.559 | 9615.270 |

Sample Name: I1763-07      Acquired: 2/18/2017 14:28:40      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SJ1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0862032 | .0086224 | 2.333391 | .0034026 | .0075481 | 76.29502 | 2.627751 |
| Stddev | .0065494 | .0053283 | .018522  | .0041415 | .0015628 | .70107   | .023482  |
| %RSD   | 7.597625 | 61.79557 | .7937842 | 121.7155 | 20.70439 | .9188930 | .8936136 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0804932 | .0147391 | 2.337511 | .0016808 | .0077671 | 75.64360 | 2.604462 |
| #2 | .0933526 | .0049898 | 2.313155 | .0003998 | .0058874 | 76.20450 | 2.627368 |
| #3 | .0847637 | .0061383 | 2.349505 | .0081274 | .0089899 | 77.03695 | 2.651421 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0107150 | .0182182 | 62.38202 | .1341707 | .2129518 | .1922182 | 126.9960 |
| Stddev | .0001048 | .0000971 | .54194   | .0035065 | .0014448 | .0015232 | 1.3295   |
| %RSD   | .9777888 | .5331987 | .8687506 | 2.613453 | .6784532 | .7924308 | 1.046858 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0106093 | .0181458 | 62.03814 | .1319959 | .2130426 | .1909783 | 125.9856 |
| #2 | .0108188 | .0181802 | 62.10117 | .1382159 | .2114637 | .1917578 | 126.5004 |
| #3 | .0107170 | .0183286 | 63.00674 | .1323005 | .2143490 | .1939185 | 128.5021 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.27360 | 14.00297 | .1627573 | -.006120 | .5819526 | .3017519 | .9692631 |
| Stddev | .22006   | .16174   | .0009804 | .000484  | .0692263 | .0056400 | .0161033 |
| %RSD   | .9455172 | 1.155039 | .6023777 | 7.914864 | 11.89553 | 1.869072 | 1.661401 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.11455 | 13.85395 | .1629709 | -.005698 | .5374284 | .2952667 | .9725153 |
| #2 | 23.18150 | 13.97998 | .1616877 | -.006649 | .6617081 | .3044793 | .9517819 |
| #3 | 23.52474 | 14.17497 | .1636133 | -.006013 | .5467215 | .3055098 | .9834922 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.451000 | 4.927140 | .0511075 | .0074486 | 5.187019 | 2.918450 | .0100711 |
| Stddev | .056437  | .016458  | .0009552 | .0003610 | .026459  | .023921  | .0009445 |
| %RSD   | 1.035346 | .3340268 | 1.869028 | 4.846753 | .5101032 | .8196495 | 9.378596 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.419427 | 4.938244 | .0506705 | .0078653 | 5.210276 | 2.893463 | .0106411 |
| #2 | 5.417417 | 4.908231 | .0522030 | .0072292 | 5.158232 | 2.941140 | .0105915 |
| #3 | 5.516157 | 4.934943 | .0504489 | .0072514 | 5.192549 | 2.920747 | .0089809 |

Sample Name: I1763-07      Acquired: 2/18/2017 14:28:40      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SJ1      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5301741 | .0392004 | .0899761 |
| Stddev | .0036589 | .0005922 | .0008264 |
| %RSD   | .6901329 | 1.510720 | .9184550 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5273309 | .0386947 | .0892469 |
| #2 | .5288891 | .0390546 | .0898077 |
| #3 | .5343021 | .0398519 | .0908737 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 35.65055 | 1785.980 | 64272.89 | 10473.23 | 2119.546 |
| Stddev    | 1.10925  | 19.563   | 1180.42  | 75.28    | 22.658   |
| %RSD      | 3.111449 | 1.095359 | 1.836582 | .7188258 | 1.069001 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 34.87537 | 1798.073 | 65104.38 | 10543.20 | 2128.452 |
| #2 | 36.92118 | 1796.457 | 62921.80 | 10482.93 | 2136.398 |
| #3 | 35.15510 | 1763.410 | 64792.50 | 10393.57 | 2093.788 |

Sample Name: I1763-08      Acquired: 2/18/2017 14:32:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SJ2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0560126 | -.001236 | .3366868 | .0080720 | .0089593 | 82.75652 | .9910765 |
| Stddev | .0072900 | .003440  | .0016721 | .0045386 | .0026095 | 1.65747  | .0196168 |
| %RSD   | 13.01492 | 278.3033 | .4966315 | 56.22601 | 29.12573 | 2.002826 | 1.979340 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0519731 | -.005182 | .3372000 | .0104329 | .0110571 | 83.97585 | 1.006549 |
| #2 | .0516366 | .000343  | .3348182 | .0028396 | .0060372 | 83.42441 | .997667  |
| #3 | .0644281 | .001131  | .3380421 | .0109436 | .0097836 | 80.86931 | .969013  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062539 | .0050088 | 14.68008 | .8042205 | .1136707 | .1208060 | 126.8436 |
| Stddev | .0000720 | .0001532 | .23071   | .0035036 | .0010611 | .0021817 | 2.2847   |
| %RSD   | 1.151387 | 3.058164 | 1.571569 | .4356554 | .9334668 | 1.805933 | 1.801171 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0062934 | .0050695 | 14.78612 | .8073759 | .1140705 | .1225268 | 128.3917 |
| #2 | .0062975 | .0048346 | 14.83871 | .8004501 | .1124678 | .1215390 | 127.9196 |
| #3 | .0061708 | .0051224 | 14.41542 | .8048355 | .1144738 | .1183522 | 124.2197 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.209788 | 10.86995 | .2163411 | -.007040 | .4852842 | .2406814 | .3095784 |
| Stddev | .152717  | .15624   | .0007176 | .000540  | .0472161 | .0039794 | .0220165 |
| %RSD   | 1.860186 | 1.437364 | .3316874 | 7.668270 | 9.729580 | 1.653411 | 7.111780 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.318372 | 11.01915 | .2168028 | -.006684 | .5316192 | .2445158 | .2859414 |
| #2 | 8.275828 | 10.88319 | .2155144 | -.006774 | .4372337 | .2409571 | .3295023 |
| #3 | 8.035165 | 10.70751 | .2167061 | -.007661 | .4869997 | .2365712 | .3132913 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.774746 | 1.968805 | .0447960 | .0054837 | 1.371952 | 2.279239 | .0095320 |
| Stddev | .140044  | .022076  | .0020313 | .0001329 | .022122  | .029295  | .0019916 |
| %RSD   | 2.933018 | 1.121295 | 4.534545 | 2.423290 | 1.612435 | 1.285303 | 20.89407 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.850248 | 1.981613 | .0462373 | .0054795 | 1.379475 | 2.284638 | .0118191 |
| #2 | 4.860838 | 1.943314 | .0456780 | .0053531 | 1.347049 | 2.305460 | .0085969 |
| #3 | 4.613153 | 1.981488 | .0424728 | .0056187 | 1.389330 | 2.247620 | .0081800 |

Sample Name: I1763-08      Acquired: 2/18/2017 14:32:41      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SJ2      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6433655 | .0527478 | .0445898 |
| Stddev | .0149727 | .0016985 | .0010120 |
| %RSD   | 2.327244 | 3.220082 | 2.269674 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6546431 | .0536196 | .0454227 |
| #2 | .6490755 | .0538335 | .0448832 |
| #3 | .6263780 | .0507905 | .0434634 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 33.05054 | 1654.607 | 58928.00 | 9594.057 | 2156.391 |
| Stddev    | 1.16411  | 5.174    | 244.37   | 141.982  | 10.449   |
| %RSD      | 3.522219 | .3126727 | .4146885 | 1.479891 | .4845594 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 32.20847 | 1648.867 | 58646.11 | 9500.949 | 2147.791 |
| #2 | 32.56419 | 1658.910 | 59057.97 | 9523.748 | 2168.020 |
| #3 | 34.37896 | 1656.043 | 59079.91 | 9757.474 | 2153.363 |

Sample Name: I1763-09      Acquired: 2/18/2017 14:36:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SJ3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2103327 | -.003791 | 2.035880 | .0063350 | .0073749 | 152.1804 | 1.896262 |
| Stddev | .0054225 | .004474  | .040118  | .0046054 | .0014056 | 3.1093   | .037513  |
| %RSD   | 2.578050 | 118.0145 | 1.970528 | 72.69710 | 19.05865 | 2.043195 | 1.978251 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2049080 | .001374  | 2.039402 | .0043472 | .0070365 | 154.5128 | 1.925385 |
| #2 | .2157530 | -.006476 | 2.074120 | .0030574 | .0089188 | 153.3782 | 1.909470 |
| #3 | .2103371 | -.006271 | 1.994118 | .0116004 | .0061695 | 148.6503 | 1.853932 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0121831 | .0206109 | 63.08028 | .2022512 | .2176912 | .2591811 | 223.0109 |
| Stddev | .0002354 | .0003345 | 1.28877  | .0077496 | .0039137 | .0079843 | 4.2826   |
| %RSD   | 1.931999 | 1.623149 | 2.043063 | 3.831656 | 1.797820 | 3.080585 | 1.920370 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0123816 | .0204456 | 64.09465 | .2006005 | .2185958 | .2673512 | 226.1007 |
| #2 | .0122447 | .0209959 | 63.51608 | .1954600 | .2210733 | .2587954 | 224.8096 |
| #3 | .0119231 | .0203911 | 61.63011 | .2106932 | .2134044 | .2513966 | 218.1222 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.51088 | 31.16762 | .3104638 | -.011650 | .7617139 | .4376479 | 2.656238 |
| Stddev | .23590   | .53886   | .0057408 | .001024  | .0642425 | .0093026 | .089901  |
| %RSD   | 1.885559 | 1.728923 | 1.849119 | 8.785970 | 8.433948 | 2.125592 | 3.384517 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.69058 | 31.58197 | .3121462 | -.012010 | .8306489 | .4436462 | 2.682272 |
| #2 | 12.59832 | 31.36246 | .3151755 | -.010496 | .7035171 | .4423659 | 2.730249 |
| #3 | 12.24375 | 30.55843 | .3040697 | -.012446 | .7509755 | .4269317 | 2.556193 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.18730 | 7.720703 | .0899241 | .0024653 | 7.081960 | 4.256453 | .0254047 |
| Stddev | .26771   | .137144  | .0034337 | .0005537 | .121087  | .061433  | .0032681 |
| %RSD   | 2.030093 | 1.776313 | 3.818473 | 22.45918 | 1.709792 | 1.443290 | 12.86414 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.38627 | 7.772165 | .0923868 | .0029802 | 7.076792 | 4.326050 | .0245908 |
| #2 | 13.29271 | 7.824673 | .0913838 | .0025361 | 7.205547 | 4.233534 | .0290029 |
| #3 | 12.88293 | 7.565272 | .0860017 | .0018796 | 6.963539 | 4.209774 | .0226205 |

Sample Name: I1763-09      Acquired: 2/18/2017 14:36:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SJ3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7483846 | .0854517 | .0896454 |
| Stddev | .0143729 | .0014787 | .0018128 |
| %RSD   | 1.920519 | 1.730499 | 2.022225 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7601638 | .0865503 | .0910805 |
| #2 | .7526202 | .0860345 | .0902475 |
| #3 | .7323700 | .0837704 | .0876081 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 36.27910 | 1805.104 | 65043.04 | 10604.70 | 2038.774 |
| Stddev    | 1.13977  | 22.477   | 1570.16  | 169.45   | 29.661   |
| %RSD      | 3.141659 | 1.245180 | 2.414033 | 1.597856 | 1.454858 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 36.00003 | 1805.817 | 65338.72 | 10466.84 | 2030.738 |
| #2 | 35.30479 | 1782.280 | 66444.35 | 10553.38 | 2013.959 |
| #3 | 37.53248 | 1827.217 | 63346.07 | 10793.87 | 2071.625 |

Sample Name: I1763-10      Acquired: 2/18/2017 14:40:39      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SJ4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0655667 | -.004618 | .7527039 | .0055196 | .0013170 | 92.42073 | 3.485689 |
| Stddev | .0060595 | .004542  | .0080805 | .0058509 | .0016447 | .72858   | .027927  |
| %RSD   | 9.241725 | 98.34195 | 1.073535 | 106.0036 | 124.8835 | .7883317 | .8011812 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0699206 | -.009026 | .7582159 | .0072960 | .0006905 | 92.24486 | 3.477615 |
| #2 | .0681331 | .000046  | .7564678 | .0102764 | .0031828 | 91.79618 | 3.462690 |
| #3 | .0586463 | -.004875 | .7434280 | -.001014 | .0000776 | 93.22115 | 3.516764 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0096312 | .0114058 | 62.10904 | .1147911 | .1697275 | .2171435 | 148.1494 |
| Stddev | .0002272 | .0002315 | .47322   | .0031098 | .0018545 | .0009347 | 1.1946   |
| %RSD   | 2.358692 | 2.030149 | .7619136 | 2.709078 | 1.092666 | .4304646 | .8063517 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0094482 | .0115870 | 61.79577 | .1130465 | .1706682 | .2164183 | 147.5991 |
| #2 | .0095599 | .0114854 | 61.87795 | .1129454 | .1709231 | .2168137 | 147.3291 |
| #3 | .0098855 | .0111449 | 62.65340 | .1183815 | .1675911 | .2181984 | 149.5200 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.27152 | 24.67488 | .1591621 | -.007783 | .4409532 | .2752774 | 1.124406 |
| Stddev | .08473   | .23957   | .0013695 | .000290  | .1031342 | .0006947 | .051789  |
| %RSD   | .7517293 | .9709027 | .8604309 | 3.731607 | 23.38892 | .2523651 | 4.605911 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.22304 | 24.56457 | .1594993 | -.007670 | .3601699 | .2744783 | 1.072526 |
| #2 | 11.22216 | 24.51034 | .1603314 | -.007566 | .4055674 | .2757383 | 1.124587 |
| #3 | 11.36936 | 24.94973 | .1576555 | -.008113 | .5571221 | .2756155 | 1.176104 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.754115 | 6.695400 | .0606830 | .0042508 | 7.433051 | 3.871732 | .0121391 |
| Stddev | .070601  | .061693  | .0015325 | .0002877 | .074278  | .031459  | .0016355 |
| %RSD   | .7238066 | .9214310 | 2.525360 | 6.767588 | .9992955 | .8125294 | 13.47275 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.798477 | 6.756277 | .0593911 | .0045527 | 7.510429 | 3.838496 | .0119489 |
| #2 | 9.672702 | 6.697003 | .0602817 | .0039799 | 7.426405 | 3.875655 | .0138613 |
| #3 | 9.791167 | 6.632921 | .0623762 | .0042198 | 7.362320 | 3.901046 | .0106070 |

Sample Name: I1763-10      Acquired: 2/18/2017 14:40:39      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SJ4      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5346107 | .0511136 | .0872051 |
| Stddev | .0058578 | .0010906 | .0008379 |
| %RSD   | 1.095710 | 2.133611 | .9608809 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5318721 | .0508818 | .0870871 |
| #2 | .5306239 | .0501576 | .0864323 |
| #3 | .5413362 | .0523015 | .0880957 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 34.44205 | 1731.012 | 61186.18 | 10089.09 | 2040.291 |
| Stddev    | 1.50786  | 9.910    | 1489.03  | 54.77    | 16.698   |
| %RSD      | 4.377952 | .5724814 | 2.433599 | .5428431 | .8184130 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 35.91159 | 1720.723 | 61939.35 | 10149.08 | 2026.568 |
| #2 | 34.51596 | 1731.820 | 62148.16 | 10076.45 | 2035.422 |
| #3 | 32.89859 | 1740.493 | 59471.03 | 10041.75 | 2058.882 |

Sample Name: I1763-11      Acquired: 2/18/2017 14:44:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SJ5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0634506 | -.003439 | .6458542 | .0054437 | .0063514 | 84.15762 | 3.762732 |
| Stddev | .0028888 | .005165  | .0009499 | .0054156 | .0037997 | .57697   | .011490  |
| %RSD   | 4.552869 | 150.1869 | .1470716 | 99.48450 | 59.82417 | .6855826 | .3053518 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0601249 | -.000480 | .6451502 | .0023354 | .0056571 | 83.55805 | 3.750296 |
| #2 | .0653368 | -.009403 | .6469346 | .0022985 | .0029468 | 84.20584 | 3.764948 |
| #3 | .0648902 | -.000434 | .6454778 | .0116970 | .0104504 | 84.70896 | 3.772952 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0087837 | .0089313 | 38.88142 | .1141302 | .1426358 | .1627400 | 134.6724 |
| Stddev | .0000782 | .0003748 | .23009   | .0034267 | .0005369 | .0033380 | .7280    |
| %RSD   | .8907108 | 4.196022 | .5917714 | 3.002427 | .3764190 | 2.051097 | .5405395 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0087105 | .0091260 | 38.61588 | .1177033 | .1422270 | .1633597 | 133.8352 |
| #2 | .0087743 | .0091686 | 39.00657 | .1138155 | .1432439 | .1591356 | 135.0257 |
| #3 | .0088662 | .0084992 | 39.02181 | .1108716 | .1424365 | .1657247 | 135.1563 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.69529 | 16.51741 | .1299967 | -.007204 | .6372289 | .2635447 | .8220496 |
| Stddev | .09588   | .09301   | .0011995 | .000625  | .1266580 | .0042977 | .0114743 |
| %RSD   | .7000768 | .5631128 | .9227108 | 8.670800 | 19.87637 | 1.630724 | 1.395819 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.58932 | 16.41068 | .1311408 | -.007548 | .6268494 | .2586420 | .8103880 |
| #2 | 13.72053 | 16.56043 | .1301009 | -.007581 | .5160800 | .2653312 | .8224337 |
| #3 | 13.77602 | 16.58113 | .1287486 | -.006483 | .7687572 | .2666610 | .8333270 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.270016 | 5.878799 | .0490288 | .0043881 | 4.890253 | 1.767748 | .0126917 |
| Stddev | .036638  | .034478  | .0010480 | .0001065 | .009100  | .001466  | .0005837 |
| %RSD   | .5843334 | .5864885 | 2.137598 | 2.426391 | .1860827 | .0829235 | 4.598692 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.268355 | 5.869090 | .0486040 | .0043748 | 4.892843 | 1.769342 | .0120751 |
| #2 | 6.234237 | 5.917091 | .0502225 | .0042889 | 4.897776 | 1.766459 | .0127643 |
| #3 | 6.307456 | 5.850216 | .0482598 | .0045006 | 4.880138 | 1.767441 | .0132357 |

Sample Name: I1763-11      Acquired: 2/18/2017 14:44:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SJ5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5884654 | .0434898 | .0958086 |
| Stddev | .0045393 | .0001978 | .0006590 |
| %RSD   | .7713766 | .4547603 | .6877806 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5832820 | .0433137 | .0952924 |
| #2 | .5903833 | .0437037 | .0955826 |
| #3 | .5917310 | .0434520 | .0965508 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 34.99721 | 1727.326 | 61165.00 | 9915.734 | 2097.675 |
| Stddev    | .54159   | 7.622    | 1649.57  | 59.607   | 8.436    |
| %RSD      | 1.547519 | .4412505 | 2.696916 | .6011341 | .4021451 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 35.31572 | 1723.637 | 59538.27 | 9982.627 | 2094.051 |
| #2 | 35.30404 | 1722.250 | 61120.25 | 9896.320 | 2091.657 |
| #3 | 34.37188 | 1736.090 | 62836.49 | 9868.254 | 2107.317 |

Sample Name: I1763-12      Acquired: 2/18/2017 14:48:42      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SJ6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0517838 | -.002675 | .7564668 | .0079402 | .0031418 | 72.89281 | 4.441789 |
| Stddev | .0074748 | .002815  | .0019718 | .0064715 | .0028805 | .27998   | .015744  |
| %RSD   | 14.43461 | 105.2457 | .2606541 | 81.50287 | 91.68225 | .3840992 | .3544615 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0435335 | -.003596 | .7546054 | .0134759 | .0037327 | 72.74175 | 4.427687 |
| #2 | .0537132 | -.004915 | .7585330 | .0095193 | .0056810 | 72.72079 | 4.438904 |
| #3 | .0581048 | .000485  | .7562621 | .0008253 | .0000117 | 73.21587 | 4.458776 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0073354 | .0097220 | 61.86920 | .0949441 | .1130689 | .1449307 | 116.9064 |
| Stddev | .0001144 | .0000715 | .12189   | .0004114 | .0007985 | .0029197 | .0296    |
| %RSD   | 1.559648 | .7352691 | .1970077 | .4332918 | .7061897 | 2.014578 | .0252829 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0072092 | .0097639 | 62.00993 | .0954189 | .1123193 | .1438854 | 116.8916 |
| #2 | .0073644 | .0096394 | 61.80045 | .0946934 | .1129789 | .1426775 | 116.8871 |
| #3 | .0074325 | .0097626 | 61.79722 | .0947201 | .1139086 | .1482292 | 116.9404 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.62899 | 31.03144 | .0996715 | -.005616 | .5282499 | .2411508 | 1.108252 |
| Stddev | .01136   | .17913   | .0008592 | .000282  | .1392009 | .0027353 | .053280  |
| %RSD   | .1068567 | .5772633 | .8620421 | 5.027336 | 26.35134 | 1.134258 | 4.807561 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.63527 | 31.21468 | .0994740 | -.005596 | .6524315 | .2394371 | 1.148021 |
| #2 | 10.61588 | 30.85672 | .1006122 | -.005345 | .3777787 | .2443053 | 1.047716 |
| #3 | 10.63583 | 31.02292 | .0989282 | -.005909 | .5545396 | .2397099 | 1.129020 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.356499 | 5.519570 | .0453920 | .0034778 | 4.211649 | 2.645597 | .0099967 |
| Stddev | .025781  | .005684  | .0001086 | .0003461 | .015712  | .019318  | .0010905 |
| %RSD   | .4055790 | .1029816 | .2392658 | 9.953165 | .3730599 | .7302040 | 10.90899 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.333046 | 5.525916 | .0455150 | .0038759 | 4.202196 | 2.666014 | .0087711 |
| #2 | 6.384103 | 5.517848 | .0453515 | .0033091 | 4.202964 | 2.643171 | .0103591 |
| #3 | 6.352349 | 5.514946 | .0453094 | .0032483 | 4.229786 | 2.627607 | .0108598 |

Sample Name: I1763-12      Acquired: 2/18/2017 14:48:42      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SJ6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5208451 | .0360298 | .0870845 |
| Stddev | .0021677 | .0014720 | .0002748 |
| %RSD   | .4161975 | 4.085395 | .3155792 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5203851 | .0343467 | .0868908 |
| #2 | .5189443 | .0366660 | .0869638 |
| #3 | .5232059 | .0370766 | .0873991 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 34.04984 | 1674.080 | 61005.06 | 9760.379 | 2080.753 |
| Stddev    | 2.10442  | 4.475    | 405.74   | 37.918   | 4.651    |
| %RSD      | 6.180412 | .2673182 | .6650906 | .3884882 | .2235392 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 32.00500 | 1671.420 | 60584.31 | 9721.700 | 2078.130 |
| #2 | 36.20917 | 1671.573 | 61036.98 | 9761.950 | 2078.005 |
| #3 | 33.93535 | 1679.247 | 61393.90 | 9797.487 | 2086.123 |

Sample Name: I1763-13      Acquired: 2/18/2017 14:52:44      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SJ7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1915870 | .0075686 | .8968069 | .0068716 | .0121261 | 97.63700 | 2.821918 |
| Stddev | .0026275 | .0047750 | .0055403 | .0078324 | .0059257 | 3.83397  | .105094  |
| %RSD   | 1.371457 | 63.08985 | .6177808 | 113.9835 | 48.86696 | 3.926756 | 3.724207 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1943159 | .0093024 | .8971019 | -.000985 | .0059744 | 93.35615 | 2.704682 |
| #2 | .1890742 | .0112346 | .8911250 | .006920  | .0126077 | 100.7547 | 2.907676 |
| #3 | .1913709 | .0021689 | .9021938 | .014680  | .0177963 | 98.8002  | 2.853395 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0126850 | .0133635 | 81.08944 | .1756687 | .1848203 | .2586898 | 316.6472 |
| Stddev | .0003536 | .0004922 | 2.98206  | .0029049 | .0008975 | .0115324 | 12.0558  |
| %RSD   | 2.787564 | 3.683569 | 3.677494 | 1.653629 | .4856143 | 4.457986 | 3.807326 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0122797 | .0138903 | 77.73364 | .1789479 | .1855624 | .2462109 | 302.9900 |
| #2 | .0128454 | .0129153 | 83.43563 | .1734180 | .1850759 | .2689546 | 325.8109 |
| #3 | .0129300 | .0132848 | 82.09905 | .1746401 | .1838228 | .2609038 | 321.1406 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.11673 | 30.55218 | .2138428 | -.016811 | .7778079 | .5005609 | .6371576 |
| Stddev | .91177   | 1.22544  | .0012777 | .000813  | .0819701 | .0198061 | .0103764 |
| %RSD   | 3.780644 | 4.010975 | .5974885 | 4.838810 | 10.53861 | 3.956782 | 1.628542 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.09457 | 29.16912 | .2145708 | -.017705 | .7441219 | .4784626 | .6316411 |
| #2 | 24.84624 | 31.50267 | .2145901 | -.016115 | .7180477 | .5167120 | .6491270 |
| #3 | 24.40937 | 30.98474 | .2123675 | -.016612 | .8712540 | .5065082 | .6307046 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.722699 | 5.978395 | .1221767 | .0015980 | 5.703953 | 1.702083 | .0183881 |
| Stddev | .355013  | .022451  | .0070061 | .0002786 | .040521  | .054153  | .0003632 |
| %RSD   | 4.069986 | .3755348 | 5.734400 | 17.43119 | .7104048 | 3.181581 | 1.975074 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.313867 | 5.997805 | .1141128 | .0015766 | 5.750738 | 1.639709 | .0180716 |
| #2 | 8.953120 | 5.953808 | .1267703 | .0013308 | 5.679998 | 1.737101 | .0183081 |
| #3 | 8.901110 | 5.983572 | .1256469 | .0018867 | 5.681122 | 1.729439 | .0187846 |

Sample Name: I1763-13      Acquired: 2/18/2017 14:52:44      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SJ7      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5532194 | .0438181 | .1141177 |
| Stddev | .0218901 | .0023294 | .0043892 |
| %RSD   | 3.956861 | 5.315970 | 3.846230 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5285954 | .0412727 | .1091652 |
| #2 | .5704734 | .0458435 | .1175267 |
| #3 | .5605893 | .0443381 | .1156612 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 35.55882 | 1712.612 | 61954.59 | 10082.92 | 2007.629 |
| Stddev    | .41300   | 1.514    | 284.09   | 325.28   | 5.678    |
| %RSD      | 1.161449 | .0884177 | .4585420 | 3.226000 | .2828165 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 35.77750 | 1711.553 | 61647.26 | 10452.90 | 2001.485 |
| #2 | 35.08247 | 1714.347 | 62207.60 | 9841.88  | 2012.683 |
| #3 | 35.81651 | 1711.937 | 62008.89 | 9953.99  | 2008.718 |

Sample Name: I1763-14      Acquired: 2/18/2017 14:56:46      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SJ8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0607648 | .0065130 | .8376304 | .0065187 | .0047154 | 83.54843 | 2.331605 |
| Stddev | .0065601 | .0017988 | .0055220 | .0010144 | .0030712 | 1.80466  | .045462  |
| %RSD   | 10.79589 | 27.61838 | .6592358 | 15.56052 | 65.13133 | 2.160020 | 1.949805 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0659456 | .0050837 | .8439577 | .0061189 | .0071697 | 81.85253 | 2.288101 |
| #2 | .0533886 | .0085328 | .8337845 | .0076721 | .0012714 | 85.44507 | 2.378800 |
| #3 | .0629604 | .0059223 | .8351490 | .0057652 | .0057052 | 83.34771 | 2.327913 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0086931 | .0089754 | 34.86884 | .1130566 | .1403469 | .2003770 | 138.5362 |
| Stddev | .0001062 | .0001918 | .68250   | .0015493 | .0009853 | .0032661 | 2.9198   |
| %RSD   | 1.221876 | 2.137067 | 1.957324 | 1.370358 | .7020168 | 1.629986 | 2.107603 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0087585 | .0091969 | 34.34868 | .1142894 | .1409580 | .1970815 | 136.1835 |
| #2 | .0087502 | .0088632 | 35.64163 | .1113175 | .1408725 | .2036129 | 141.8039 |
| #3 | .0085705 | .0088662 | 34.61619 | .1135629 | .1392103 | .2004365 | 137.6213 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.24725 | 13.98906 | .1255542 | -.006796 | .5541868 | .2688413 | .8481699 |
| Stddev | .28137   | .33524   | .0011976 | .000207  | .0781903 | .0061813 | .0088580 |
| %RSD   | 2.124011 | 2.396460 | .9538190 | 3.044794 | 14.10901 | 2.299243 | 1.044365 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.00947 | 13.72405 | .1265329 | -.006969 | .5931104 | .2646818 | .8576463 |
| #2 | 13.55788 | 14.36593 | .1259108 | -.006852 | .6052759 | .2759443 | .8467653 |
| #3 | 13.17439 | 13.87719 | .1242188 | -.006567 | .4641740 | .2658979 | .8400981 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.443236 | 8.128735 | .0532207 | .0058432 | 5.213868 | 2.118017 | .0157414 |
| Stddev | .156015  | .039235  | .0005718 | .0002978 | .029380  | .033663  | .0003462 |
| %RSD   | 2.096065 | .4826700 | 1.074355 | 5.097061 | .5634937 | 1.589373 | 2.199101 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.305903 | 8.168454 | .0533866 | .0058623 | 5.245534 | 2.092952 | .0159807 |
| #2 | 7.612875 | 8.127750 | .0536912 | .0055363 | 5.208577 | 2.156279 | .0158990 |
| #3 | 7.410929 | 8.090003 | .0525843 | .0061310 | 5.187494 | 2.104820 | .0153445 |

Sample Name: I1763-14      Acquired: 2/18/2017 14:56:46      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SJ8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6257196 | .0439543 | .0841454 |
| Stddev | .0130566 | .0006544 | .0016624 |
| %RSD   | 2.086659 | 1.488749 | 1.975662 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6146654 | .0432021 | .0826072 |
| #2 | .6401253 | .0443927 | .0859090 |
| #3 | .6223681 | .0442680 | .0839201 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 34.00147 | 1744.117 | 62627.71 | 9868.723 | 2118.281 |
| Stddev    | .22410   | 8.721    | 487.18   | 147.108  | 15.761   |
| %RSD      | .6590982 | .5000233 | .7778950 | 1.490648 | .7440684 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 33.76150 | 1735.080 | 62193.71 | 9974.035 | 2101.647 |
| #2 | 34.03760 | 1744.787 | 63154.67 | 9700.643 | 2120.203 |
| #3 | 34.20531 | 1752.483 | 62534.76 | 9931.491 | 2132.994 |

Sample Name: I1763-15      Acquired: 2/18/2017 15:00:47      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SJ9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0354381 | -.001900 | .6822253 | .0093264 | .0041736 | 46.64099 | 9.350954 |
| Stddev | .0022275 | .002101  | .0033040 | .0009001 | .0033109 | .16386   | .100850  |
| %RSD   | 6.285481 | 110.5687 | .4843039 | 9.650631 | 79.32920 | .3513266 | 1.078499 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0338340 | -.003754 | .6840608 | .0101524 | .0077534 | 46.45557 | 9.272341 |
| #2 | .0344991 | .000381  | .6784110 | .0094595 | .0012216 | 46.70109 | 9.315859 |
| #3 | .0379813 | -.002327 | .6842041 | .0083671 | .0035457 | 46.76632 | 9.464663 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054256 | .0085785 | 253.4228 | .0916688 | .0845095 | .2444045 | 93.53135 |
| Stddev | .0000939 | .0002006 | 1.6453   | .0015117 | .0002176 | .0020476 | .52795   |
| %RSD   | 1.730625 | 2.338662 | .6492351 | 1.649060 | .2574384 | .8377887 | .5644589 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0055276 | .0086362 | 251.9126 | .0928809 | .0843135 | .2435745 | 93.12013 |
| #2 | .0054064 | .0083553 | 253.1796 | .0921507 | .0847436 | .2429022 | 93.34722 |
| #3 | .0053427 | .0087439 | 255.1761 | .0899750 | .0844714 | .2467368 | 94.12670 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.90065 | 41.68555 | .0937061 | -.004064 | 1.015696 | .1688298 | 1.490820 |
| Stddev | .07970   | .19377   | .0002008 | .000649  | .025099  | .0047072 | .020775  |
| %RSD   | .6178021 | .4648327 | .2143165 | 15.97405 | 2.471096 | 2.788129 | 1.393559 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.84867 | 41.55720 | .0934840 | -.003332 | 1.029603 | .1640024 | 1.500297 |
| #2 | 12.86087 | 41.59101 | .0938748 | -.004287 | .986723  | .1690803 | 1.466995 |
| #3 | 12.99241 | 41.90844 | .0937597 | -.004571 | 1.030764 | .1734068 | 1.505166 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.347965 | 9.918744 | .0741587 | .0026525 | 5.917141 | 2.232769 | .0382215 |
| Stddev | .058725  | .012975  | .0008868 | .0003929 | .004089  | .015901  | .0014592 |
| %RSD   | .6282083 | .1308093 | 1.195852 | 14.81293 | .0691052 | .7121453 | 3.817859 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.308279 | 9.912244 | .0745223 | .0024120 | 5.920035 | 2.221329 | .0367273 |
| #2 | 9.320192 | 9.910304 | .0731478 | .0031059 | 5.918926 | 2.226051 | .0396430 |
| #3 | 9.415425 | 9.933684 | .0748059 | .0024395 | 5.912463 | 2.250926 | .0382943 |

Sample Name: I1763-15      Acquired: 2/18/2017 15:00:47      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SJ9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5664390 | .0196153 | .7681421 |
| Stddev | .0056167 | .0004201 | .0026077 |
| %RSD   | .9915734 | 2.141863 | .3394746 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5599559 | .0200439 | .7655083 |
| #2 | .5695233 | .0192042 | .7681951 |
| #3 | .5698377 | .0195978 | .7707228 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 31.88639 | 1601.030 | 56803.12 | 9300.592 | 1978.137 |
| Stddev    | .24890   | 3.427    | 382.83   | 55.764   | 3.414    |
| %RSD      | .7805697 | .2140192 | .6739552 | .5995714 | .1725679 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 31.67416 | 1601.843 | 56600.15 | 9343.232 | 1979.335 |
| #2 | 31.82468 | 1603.977 | 56564.51 | 9321.058 | 1980.790 |
| #3 | 32.16034 | 1597.270 | 57244.69 | 9237.487 | 1974.286 |

Sample Name: I1763-16      Acquired: 2/18/2017 15:04:57      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SK0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0358508 | -.002660 | .7085539 | .0109101 | .0054152 | 45.52741 | 9.984443 |
| Stddev | .0055155 | .002889  | .0073195 | .0084098 | .0026418 | .37518   | .072853  |
| %RSD   | 15.38463 | 108.6137 | 1.033025 | 77.08227 | 48.78554 | .8240757 | .7296637 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0295337 | -.001730 | .7161546 | .0205792 | .0057647 | 45.56022 | 10.01832 |
| #2 | .0397105 | -.005899 | .7079548 | .0052975 | .0078649 | 45.88510 | 10.03419 |
| #3 | .0383082 | -.000350 | .7015523 | .0068536 | .0026160 | 45.13690 | 9.90082  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054852 | .0087395 | 263.1504 | .0795785 | .0851209 | .2737346 | 94.09587 |
| Stddev | .0001266 | .0001131 | 1.8482   | .0008436 | .0001165 | .0013118 | .50022   |
| %RSD   | 2.308109 | 1.294391 | .7023214 | 1.060061 | .1368597 | .4792244 | .5316020 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0056180 | .0087542 | 263.0788 | .0801895 | .0852299 | .2728753 | 94.11793 |
| #2 | .0053659 | .0088445 | 265.0332 | .0786160 | .0849981 | .2752445 | 94.58469 |
| #3 | .0054718 | .0086197 | 261.3390 | .0799300 | .0851348 | .2730840 | 93.58499 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.87255 | 44.01743 | .0931614 | -.004279 | .8061980 | .1692714 | 1.375647 |
| Stddev | .12228   | .33119   | .0005687 | .000317  | .1037586 | .0021152 | .037252  |
| %RSD   | .9499109 | .7524102 | .6104156 | 7.412604 | 12.87011 | 1.249617 | 2.707987 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.85284 | 44.14272 | .0938176 | -.004374 | .7064943 | .1709989 | 1.333340 |
| #2 | 13.00348 | 44.26771 | .0928542 | -.004538 | .9135844 | .1669123 | 1.403532 |
| #3 | 12.76132 | 43.64188 | .0928124 | -.003925 | .7985152 | .1699030 | 1.390070 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.558149 | 10.23984 | .0692744 | .0035239 | 6.300543 | 1.993441 | .0104692 |
| Stddev | .147321  | .10153   | .0004831 | .0005748 | .060932  | .037523  | .0016042 |
| %RSD   | 1.541314 | .9915514 | .6973580 | 16.31128 | .9670922 | 1.882319 | 15.32336 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.622361 | 10.35434 | .0688276 | .0034495 | 6.369011 | 2.036141 | .0087701 |
| #2 | 9.662466 | 10.20441 | .0692085 | .0029899 | 6.280336 | 1.978455 | .0106798 |
| #3 | 9.389621 | 10.16077 | .0697870 | .0041322 | 6.252281 | 1.965726 | .0119578 |

Sample Name: I1763-16      Acquired: 2/18/2017 15:04:57      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SK0      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5395117 | .0185219 | .7934428 |
| Stddev | .0010069 | .0009944 | .0077932 |
| %RSD   | .1866326 | 5.368965 | .9821942 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5389812 | .0178864 | .7946265 |
| #2 | .5406729 | .0196679 | .8005763 |
| #3 | .5388808 | .0180115 | .7851255 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 32.22504 | 1579.429 | 56686.11 | 9232.727 | 1943.423 |
| Stddev    | .41875   | 12.289   | 707.86   | 49.102   | 14.358   |
| %RSD      | 1.299471 | .7780722 | 1.248730 | .5318214 | .7388183 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 32.67365 | 1567.283 | 56250.92 | 9196.959 | 1927.923 |
| #2 | 32.15701 | 1579.147 | 57502.89 | 9212.512 | 1946.076 |
| #3 | 31.84447 | 1591.857 | 56304.53 | 9288.709 | 1956.270 |

Sample Name: I1763-17      Acquired: 2/18/2017 15:09:08      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SK1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0788220 | .0018208 | .9300203 | .0098613 | .0060204 | 83.35323 | 8.005024 |
| Stddev | .0103784 | .0030027 | .0141419 | .0031208 | .0054579 | .50672   | .033935  |
| %RSD   | 13.16692 | 164.9097 | 1.520597 | 31.64748 | 90.65620 | .6079230 | .4239193 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0875469 | -.001585 | .9214395 | .0130172 | .0117290 | 83.62824 | 8.004126 |
| #2 | .0673448 | .004087  | .9222786 | .0067767 | .0054784 | 82.76846 | 7.971547 |
| #3 | .0815743 | .002961  | .9463427 | .0097899 | .0008538 | 83.66299 | 8.039399 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0088760 | .0102002 | 220.3152 | .1139406 | .1934599 | .2130556 | 164.7343 |
| Stddev | .0001587 | .0001051 | 1.4019   | .0010441 | .0022221 | .0012598 | .9561    |
| %RSD   | 1.787891 | 1.030185 | .6363325 | .9163848 | 1.148607 | .5913174 | .5803653 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0089269 | .0101252 | 220.8048 | .1131487 | .1926531 | .2129319 | 164.8651 |
| #2 | .0090031 | .0101552 | 218.7342 | .1151239 | .1917539 | .2118622 | 163.7195 |
| #3 | .0086982 | .0103203 | 221.4068 | .1135492 | .1959727 | .2143727 | 165.6182 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.37191 | 104.9449 | .1586353 | -.006838 | .6361643 | .2940985 | .7415630 |
| Stddev | .07791   | .4044    | .0015370 | .000030  | .1200416 | .0028326 | .0173158 |
| %RSD   | .6850918 | .3853307 | .9688550 | .4413795 | 18.86959 | .9631608 | 2.335040 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.38210 | 104.9318 | .1574524 | -.006865 | .7152382 | .2923867 | .7611263 |
| #2 | 11.28941 | 104.5472 | .1580811 | -.006842 | .6952198 | .2925406 | .7282044 |
| #3 | 11.44422 | 105.3557 | .1603725 | -.006805 | .4980349 | .2973681 | .7353582 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.014323 | 4.908442 | .0726783 | .0041187 | 7.232866 | 2.998851 | .0060407 |
| Stddev | .068065  | .080091  | .0008339 | .0003429 | .074466  | .013706  | .0048696 |
| %RSD   | .7550777 | 1.631709 | 1.147397 | 8.324424 | 1.029550 | .4570531 | 80.61321 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.062052 | 4.852684 | .0734522 | .0040287 | 7.182812 | 3.005844 | .0112248 |
| #2 | 8.936382 | 4.872423 | .0727875 | .0044976 | 7.197344 | 2.983059 | .0053348 |
| #3 | 9.044536 | 5.000219 | .0717951 | .0038299 | 7.318441 | 3.007651 | .0015626 |

Sample Name: I1763-17      Acquired: 2/18/2017 15:09:08      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SK1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5092443 | .0424900 | .1558762 |
| Stddev | .0019698 | .0003803 | .0006645 |
| %RSD   | .3868079 | .8950321 | .4263147 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5109345 | .0429141 | .1561092 |
| #2 | .5070811 | .0421794 | .1551266 |
| #3 | .5097173 | .0423763 | .1563929 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 33.50923 | 1618.999 | 57762.28 | 9602.587 | 1889.334 |
| Stddev    | 1.08176  | 15.103   | 226.27   | 50.824   | 20.163   |
| %RSD      | 3.228243 | .9328536 | .3917183 | .5292731 | 1.067192 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 32.29354 | 1629.540 | 57778.39 | 9600.930 | 1899.530 |
| #2 | 34.36563 | 1625.760 | 57528.38 | 9654.219 | 1902.362 |
| #3 | 33.86852 | 1601.697 | 57980.05 | 9552.612 | 1866.109 |

Sample Name: I1763-18      Acquired: 2/18/2017 15:13:21      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SK2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0736294 | .0012343 | .8311390 | .0128557 | .0081828 | 81.49288 | 5.583501 |
| Stddev | .0032518 | .0065058 | .0088090 | .0051855 | .0035550 | .43001   | .026565  |
| %RSD   | 4.416449 | 527.0896 | 1.059872 | 40.33593 | 43.44466 | .5276713 | .4757680 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0702640 | -.003192 | .8209741 | .0177604 | .0078099 | 81.90158 | 5.587359 |
| #2 | .0767543 | .008704  | .8365460 | .0074289 | .0119096 | 81.04433 | 5.555218 |
| #3 | .0738699 | -.001809 | .8358969 | .0133778 | .0048290 | 81.53273 | 5.607925 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0088256 | .0123741 | 36.96535 | .1033370 | .1403949 | .2278206 | 137.7184 |
| Stddev | .0001021 | .0001483 | .09340   | .0010682 | .0003955 | .0044088 | .6577    |
| %RSD   | 1.157064 | 1.198057 | .2526727 | 1.033669 | .2816905 | 1.935188 | .4775702 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0089262 | .0122031 | 37.02727 | .1042029 | .1401047 | .2325940 | 137.9662 |
| #2 | .0088286 | .0124665 | 36.85792 | .1036646 | .1408453 | .2239016 | 136.9727 |
| #3 | .0087220 | .0124528 | 37.01087 | .1021433 | .1402346 | .2269661 | 138.2161 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.06313 | 14.08533 | .1549102 | -.006279 | .5263941 | .2670961 | 1.033287 |
| Stddev | .05922   | .05974   | .0030288 | .000462  | .0810450 | .0018638 | .022802  |
| %RSD   | .3278289 | .4241387 | 1.955187 | 7.364400 | 15.39626 | .6977850 | 2.206791 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.11099 | 14.06952 | .1519499 | -.006321 | .4905223 | .2649944 | 1.020031 |
| #2 | 17.99691 | 14.15138 | .1547775 | -.006719 | .4694755 | .2677463 | 1.020213 |
| #3 | 18.08149 | 14.03508 | .1580031 | -.005797 | .6191846 | .2685477 | 1.059616 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.26327 | 10.92289 | .0571761 | .0073989 | 6.589949 | 3.063883 | .0154533 |
| Stddev | .10780   | .10896   | .0014147 | .0003850 | .050886  | .019191  | .0012244 |
| %RSD   | .7062439 | .9975594 | 2.474267 | 5.202944 | .7721755 | .6263637 | 7.923452 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.31806 | 10.79727 | .0578140 | .0075910 | 6.531312 | 3.084367 | .0140498 |
| #2 | 15.13909 | 10.97960 | .0581595 | .0069557 | 6.616006 | 3.060961 | .0160069 |
| #3 | 15.33267 | 10.99180 | .0555548 | .0076500 | 6.622529 | 3.046320 | .0163030 |

Sample Name: I1763-18      Acquired: 2/18/2017 15:13:21      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SK2      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7610869 | .0392665 | .0898092 |
| Stddev | .0037723 | .0002551 | .0003799 |
| %RSD   | .4956478 | .6496310 | .4229947 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7649891 | .0394468 | .0898388 |
| #2 | .7574595 | .0389747 | .0894153 |
| #3 | .7608121 | .0393782 | .0901734 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 35.13232 | 1746.543 | 62775.71 | 10047.30 | 2088.362 |
| Stddev    | .64297   | 5.671    | 354.38   | 49.20    | 14.924   |
| %RSD      | 1.830138 | .3247209 | .5645188 | .4896366 | .7146425 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 34.44417 | 1753.090 | 62662.57 | 9990.80  | 2105.541 |
| #2 | 35.23506 | 1743.413 | 62491.72 | 10070.42 | 2080.951 |
| #3 | 35.71774 | 1743.127 | 63172.85 | 10080.68 | 2078.593 |

Sample Name: I1763-19      Acquired: 2/18/2017 15:17:23      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SK3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0600958 | -.000683 | .6648255 | .0047562 | .0051338 | 80.30628 | 2.186596 |
| Stddev | .0108604 | .006625  | .0016223 | .0062501 | .0025060 | .78490   | .022206  |
| %RSD   | 18.07176 | 970.6074 | .2440243 | 131.4097 | 48.81407 | .9773843 | 1.015565 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0475662 | .005887  | .6633862 | .0001450 | .0077659 | 80.72535 | 2.204452 |
| #2 | .0668123 | -.000573 | .6645068 | .0118697 | .0048587 | 79.40079 | 2.161731 |
| #3 | .0659089 | -.007361 | .6665835 | .0022539 | .0027766 | 80.79270 | 2.193606 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0086797 | .0090146 | 37.48615 | .1058581 | .1283970 | .1794069 | 131.7358 |
| Stddev | .0000485 | .0001853 | .29877   | .0033223 | .0014081 | .0011618 | 1.2561   |
| %RSD   | .5585201 | 2.055724 | .7970111 | 3.138470 | 1.096640 | .6476021 | .9534745 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0086270 | .0088704 | 37.70011 | .1084215 | .1269113 | .1806705 | 132.8644 |
| #2 | .0086898 | .0089498 | 37.14480 | .1070481 | .1285679 | .1783847 | 130.3826 |
| #3 | .0087223 | .0092236 | 37.61354 | .1021046 | .1297119 | .1791653 | 131.9605 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.48722 | 14.98683 | .1231172 | -.006230 | .4530109 | .2538919 | .7519733 |
| Stddev | .10069   | .13594   | .0017954 | .000518  | .0322700 | .0080810 | .0199552 |
| %RSD   | .8765103 | .9070340 | 1.458260 | 8.309056 | 7.123458 | 3.182865 | 2.653714 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.57809 | 15.14359 | .1215571 | -.006563 | .4902724 | .2550813 | .7315089 |
| #2 | 11.37898 | 14.90147 | .1227148 | -.006494 | .4341758 | .2452821 | .7530339 |
| #3 | 11.50459 | 14.91543 | .1250796 | -.005634 | .4345845 | .2613124 | .7713770 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.996861 | 6.753232 | .0489870 | .0038306 | 5.124214 | 1.936948 | .0128262 |
| Stddev | .084351  | .073159  | .0020035 | .0003348 | .062802  | .017487  | .0020868 |
| %RSD   | 1.406583 | 1.083325 | 4.089837 | 8.739241 | 1.225601 | .9028270 | 16.27000 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.071360 | 6.671553 | .0511617 | .0037175 | 5.063258 | 1.956719 | .0123000 |
| #2 | 5.905275 | 6.775398 | .0485828 | .0042072 | 5.120673 | 1.930621 | .0151257 |
| #3 | 6.013948 | 6.812745 | .0472164 | .0035670 | 5.188713 | 1.923506 | .0110528 |

Sample Name: I1763-19      Acquired: 2/18/2017 15:17:23      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SK3      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6042657 | .0428334 | .0791883 |
| Stddev | .0053543 | .0009957 | .0008463 |
| %RSD   | .8860819 | 2.324584 | 1.068673 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6081343 | .0437661 | .0798410 |
| #2 | .5981548 | .0417848 | .0782322 |
| #3 | .6065080 | .0429492 | .0794917 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 34.26554 | 1720.103 | 62447.76 | 9804.218 | 2082.028 |
| Stddev    | 1.19428  | 13.883   | 1402.27  | 54.168   | 17.316   |
| %RSD      | 3.485359 | .8071137 | 2.245504 | .5524966 | .8316886 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 35.36391 | 1735.277 | 61668.69 | 9762.213 | 2100.465 |
| #2 | 34.43850 | 1716.997 | 61608.02 | 9865.356 | 2079.509 |
| #3 | 32.99421 | 1708.037 | 64066.58 | 9785.084 | 2066.109 |

Sample Name: I1763-20      Acquired: 2/18/2017 15:21:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SK4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1811561 | -.000255 | 1.607029 | .0090380 | .0074497 | 122.7897 | 1.627589 |
| Stddev | .0052048 | .003291  | .021615  | .0044852 | .0024364 | 1.2367   | .017753  |
| %RSD   | 2.873108 | 1288.490 | 1.345005 | 49.62583 | 32.70462 | 1.007157 | 1.090747 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1757087 | .003527  | 1.618755 | .0090440 | .0095515 | 122.5609 | 1.618855 |
| #2 | .1816810 | -.002463 | 1.582086 | .0045498 | .0080183 | 121.6835 | 1.615895 |
| #3 | .1860785 | -.001831 | 1.620247 | .0135202 | .0047793 | 124.1249 | 1.648017 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0106870 | .0164651 | 63.54009 | .1643010 | .1616551 | .2231552 | 190.0987 |
| Stddev | .0000435 | .0002615 | .51088   | .0019009 | .0009449 | .0025454 | 1.4616   |
| %RSD   | .4071555 | 1.588054 | .8040340 | 1.156966 | .5845487 | 1.140621 | .7688702 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0106499 | .0167091 | 63.46783 | .1636623 | .1621868 | .2224100 | 189.6733 |
| #2 | .0106761 | .0161891 | 63.06918 | .1664390 | .1605641 | .2210655 | 188.8970 |
| #3 | .0107349 | .0164973 | 64.08325 | .1628016 | .1622144 | .2259899 | 191.7258 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.896992 | 31.59422 | .2476050 | -.009478 | .7221375 | .3667921 | 2.263130 |
| Stddev | .081624  | .30029   | .0026107 | .000436  | .0768296 | .0037520 | .053396  |
| %RSD   | .8247386 | .9504614 | 1.054395 | 4.595472 | 10.63919 | 1.022910 | 2.359401 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.879076 | 31.57063 | .2497466 | -.009364 | .6991193 | .3645022 | 2.214809 |
| #2 | 9.825815 | 31.30642 | .2446968 | -.009959 | .6594481 | .3647519 | 2.254126 |
| #3 | 9.986087 | 31.90561 | .2483717 | -.009110 | .8078450 | .3711220 | 2.320456 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.64855 | 6.713604 | .0754403 | .0028974 | 6.114529 | 1.695320 | .0209539 |
| Stddev | .13840   | .066632  | .0022225 | .0006142 | .085813  | .002689  | .0024668 |
| %RSD   | 1.299719 | .9924884 | 2.946043 | 21.19820 | 1.403432 | .1586194 | 11.77270 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.58050 | 6.743497 | .0728757 | .0032545 | 6.165448 | 1.696104 | .0184009 |
| #2 | 10.55734 | 6.637260 | .0768042 | .0032495 | 6.015453 | 1.692327 | .0233244 |
| #3 | 10.80780 | 6.760054 | .0766409 | .0021882 | 6.162686 | 1.697531 | .0211365 |

Sample Name: I1763-20      Acquired: 2/18/2017 15:21:24      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SK4      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7251650 | .0685778 | .0820644 |
| Stddev | .0073914 | .0010474 | .0008268 |
| %RSD   | 1.019276 | 1.527348 | 1.007484 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7225961 | .0677387 | .0815782 |
| #2 | .7194007 | .0682429 | .0815960 |
| #3 | .7334981 | .0697517 | .0830190 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 33.25302 | 1745.591 | 62666.45 | 9925.305 | 2049.079 |
| Stddev    | .46813   | 11.173   | 417.01   | 65.731   | 20.343   |
| %RSD      | 1.407774 | .6400818 | .6654477 | .6622556 | .9928111 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 33.72256 | 1743.497 | 62879.19 | 9882.335 | 2039.871 |
| #2 | 33.25020 | 1757.663 | 62185.97 | 10000.97 | 2072.398 |
| #3 | 32.78631 | 1735.613 | 62934.18 | 9892.61  | 2034.967 |

Sample Name: I1763-21      Acquired: 2/18/2017 15:25:23      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SK5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0559604 | -.002087 | .6524010 | .0085232 | .0084075 | 90.05836 | 3.319289 |
| Stddev | .0077820 | .003874  | .0004288 | .0027180 | .0009115 | .21898   | .011479  |
| %RSD   | 13.90629 | 185.6875 | .0657221 | 31.88910 | 10.84159 | .2431488 | .3458241 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0613002 | -.004856 | .6522252 | .0056157 | .0088314 | 90.18685 | 3.326997 |
| #2 | .0470315 | .002341  | .6520880 | .0089537 | .0073612 | 89.80552 | 3.306097 |
| #3 | .0595494 | -.003745 | .6528897 | .0110002 | .0090298 | 90.18270 | 3.324773 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0084615 | .0095362 | 60.79408 | .1154055 | .1440078 | .1893342 | 135.1606 |
| Stddev | .0000506 | .0001726 | .08642   | .0018357 | .0009343 | .0014725 | .2450    |
| %RSD   | .5979999 | 1.810419 | .1421440 | 1.590697 | .6488125 | .7777124 | .1812983 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0084160 | .0097279 | 60.79858 | .1164883 | .1441998 | .1910329 | 135.3483 |
| #2 | .0085160 | .0093930 | 60.70550 | .1164423 | .1429923 | .1884230 | 134.8834 |
| #3 | .0084526 | .0094876 | 60.87815 | .1132859 | .1448312 | .1885465 | 135.2500 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.944717 | 27.18099 | .1428300 | -.006234 | .4028465 | .2546040 | .9933013 |
| Stddev | .026298  | .09460   | .0001294 | .000459  | .0557369 | .0013309 | .0225520 |
| %RSD   | .2644458 | .3480494 | .0906142 | 7.362511 | 13.83576 | .5227415 | 2.270408 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.959826 | 27.20866 | .1426873 | -.006453 | .3679216 | .2536881 | .9707775 |
| #2 | 9.914350 | 27.07564 | .1428627 | -.006541 | .3734923 | .2561307 | .9932450 |
| #3 | 9.959974 | 27.25868 | .1429399 | -.005706 | .4671255 | .2539932 | 1.015881 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.493285 | 5.493769 | .0586445 | .0041834 | 5.823088 | 2.150931 | .0129128 |
| Stddev | .039116  | .027351  | .0013089 | .0014506 | .026341  | .014521  | .0030831 |
| %RSD   | .4120350 | .4978588 | 2.231859 | 34.67493 | .4523552 | .6750998 | 23.87641 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.526440 | 5.503712 | .0586106 | .0026619 | 5.833628 | 2.145767 | .0108542 |
| #2 | 9.450144 | 5.462837 | .0599700 | .0055508 | 5.793109 | 2.139698 | .0164575 |
| #3 | 9.503269 | 5.514759 | .0573529 | .0043374 | 5.842527 | 2.167328 | .0114267 |

Sample Name: I1763-21      Acquired: 2/18/2017 15:25:23      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SK5      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4872305 | .0507820 | .0820742 |
| Stddev | .0009923 | .0004677 | .0001421 |
| %RSD   | .2036501 | .9210596 | .1731414 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4881186 | .0512809 | .0822108 |
| #2 | .4861595 | .0503534 | .0819272 |
| #3 | .4874135 | .0507117 | .0820847 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 34.00203 | 1654.991 | 60219.08 | 9530.877 | 2025.095 |
| Stddev    | .79539   | 3.349    | 1011.24  | 48.904   | 6.771    |
| %RSD      | 2.339243 | .2023504 | 1.679269 | .5131097 | .3343486 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 34.30153 | 1651.243 | 59541.11 | 9522.353 | 2020.410 |
| #2 | 34.60420 | 1657.690 | 59734.73 | 9583.483 | 2032.858 |
| #3 | 33.10037 | 1656.040 | 61381.40 | 9486.796 | 2022.016 |

Sample Name: I1763-22      Acquired: 2/18/2017 15:29:24      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SK6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0598036 | -.000951 | .5480234 | .0048215 | .0045079 | 84.79491 | 3.647267 |
| Stddev | .0111901 | .003941  | .0039969 | .0043456 | .0020665 | .20083   | .012165  |
| %RSD   | 18.71139 | 414.4978 | .7293369 | 90.12830 | 45.84206 | .2368470 | .3335239 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0727245 | -.002687 | .5525887 | .0010699 | .0068696 | 84.75290 | 3.640048 |
| #2 | .0534121 | -.003726 | .5451539 | .0095832 | .0030320 | 84.61840 | 3.640442 |
| #3 | .0532740 | .003560  | .5463276 | .0038115 | .0036220 | 85.01343 | 3.661312 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0083931 | .0075847 | 36.19558 | .1088018 | .1168564 | .1528789 | 128.8561 |
| Stddev | .0001202 | .0000349 | .14458   | .0018243 | .0004339 | .0015133 | .6244    |
| %RSD   | 1.432211 | .4596221 | .3994495 | 1.676753 | .3712706 | .9898878 | .4845830 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0083140 | .0076070 | 36.20369 | .1077597 | .1173549 | .1512081 | 128.6961 |
| #2 | .0085314 | .0076025 | 36.04711 | .1077373 | .1165638 | .1532708 | 128.3272 |
| #3 | .0083339 | .0075445 | 36.33594 | .1109083 | .1166506 | .1541576 | 129.5449 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.36401 | 16.69090 | .1267269 | -.006183 | .5708732 | .2474164 | .7231140 |
| Stddev | .03909   | .07774   | .0014555 | .000524  | .0952924 | .0015084 | .0365444 |
| %RSD   | .3161837 | .4657657 | 1.148506 | 8.480139 | 16.69239 | .6096684 | 5.053753 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.35600 | 16.64570 | .1275210 | -.006417 | .6370790 | .2480624 | .6812815 |
| #2 | 12.32954 | 16.64633 | .1276125 | -.005582 | .4616571 | .2484943 | .7392314 |
| #3 | 12.40649 | 16.78066 | .1250471 | -.006549 | .6138836 | .2456926 | .7488290 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.475553 | 5.741548 | .0496152 | .0042721 | 4.617500 | 2.162216 | .0135540 |
| Stddev | .028251  | .029266  | .0006355 | .0001369 | .031328  | .002652  | .0010348 |
| %RSD   | .4362640 | .5097196 | 1.280772 | 3.204749 | .6784674 | .1226477 | 7.634523 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.444239 | 5.735374 | .0495141 | .0041151 | 4.617576 | 2.164856 | .0145560 |
| #2 | 6.483292 | 5.715862 | .0490364 | .0043344 | 4.586134 | 2.162240 | .0124892 |
| #3 | 6.499127 | 5.773408 | .0502952 | .0043667 | 4.648790 | 2.159552 | .0136167 |

Sample Name: I1763-22      Acquired: 2/18/2017 15:29:24      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SK6      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6606586 | .0454594 | .0976277 |
| Stddev | .0009573 | .0006426 | .0001951 |
| %RSD   | .1449067 | 1.413662 | .1997949 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6599746 | .0455526 | .0975137 |
| #2 | .6602486 | .0447752 | .0975166 |
| #3 | .6617527 | .0460503 | .0978529 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 33.86498 | 1724.070 | 61112.85 | 9788.468 | 2085.251 |
| Stddev    | .61416   | 6.736    | 765.20   | 7.983    | 9.341    |
| %RSD      | 1.813554 | .3907050 | 1.252114 | .0815511 | .4479645 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 34.57376 | 1722.247 | 61496.78 | 9795.929 | 2081.215 |
| #2 | 33.53083 | 1731.530 | 61610.08 | 9780.050 | 2095.931 |
| #3 | 33.49033 | 1718.433 | 60231.70 | 9789.424 | 2078.606 |

Sample Name: I1763-06      Acquired: 2/18/2017 15:33:28      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SJ0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0472374 | .0007869 | .2791444 | .0129054 | .0041277 | 79.93551 | 2.553741 |
| Stddev | .0066336 | .0041197 | .0012852 | .0077595 | .0017160 | .29699   | .006716  |
| %RSD   | 14.04309 | 523.5469 | .4604047 | 60.12605 | 41.57335 | .3715379 | .2629735 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0548917 | -.001133 | .2794919 | .0187693 | .0056786 | 80.19706 | 2.559709 |
| #2 | .0436609 | .005516  | .2777212 | .0041065 | .0022842 | 79.99682 | 2.555046 |
| #3 | .0431595 | -.002022 | .2802202 | .0158404 | .0044203 | 79.61265 | 2.546469 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0073193 | .0051113 | 25.25891 | .1671217 | .1130338 | .1154527 | 119.8946 |
| Stddev | .0000581 | .0000719 | .06743   | .0011342 | .0007481 | .0001251 | .2058    |
| %RSD   | .7932811 | 1.406173 | .2669687 | .6786368 | .6618619 | .1083734 | .1716321 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0073715 | .0050562 | 25.31352 | .1658121 | .1122561 | .1155194 | 120.1321 |
| #2 | .0073296 | .0050850 | 25.27967 | .1677804 | .1137484 | .1153083 | 119.7822 |
| #3 | .0072567 | .0051926 | 25.18354 | .1677725 | .1130968 | .1155303 | 119.7694 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.36962 | 12.15184 | .1267444 | -.005123 | .5138255 | .2087751 | .3717551 |
| Stddev | .03783   | .08333   | .0003760 | .000289  | .0516948 | .0018621 | .0319441 |
| %RSD   | .2178041 | .6857275 | .2966254 | 5.643358 | 10.06077 | .8918932 | 8.592785 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.40678 | 12.24322 | .1267533 | -.004789 | .5257822 | .2087797 | .4077784 |
| #2 | 17.37094 | 12.13225 | .1271159 | -.005279 | .5584942 | .2106349 | .3468756 |
| #3 | 17.33115 | 12.08005 | .1263641 | -.005301 | .4572000 | .2069108 | .3606112 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.762343 | 5.346016 | .0476635 | .0047152 | 3.158473 | 9.705420 | .0107893 |
| Stddev | .042937  | .020403  | .0014536 | .0007030 | .018538  | .037739  | .0032588 |
| %RSD   | .5531424 | .3816536 | 3.049625 | 14.91010 | .5869155 | .3888405 | 30.20375 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.794287 | 5.345693 | .0484443 | .0051853 | 3.156781 | 9.740329 | .0141053 |
| #2 | 7.713534 | 5.366579 | .0485597 | .0039070 | 3.177798 | 9.665377 | .0075910 |
| #3 | 7.779208 | 5.325776 | .0459864 | .0050534 | 3.140839 | 9.710555 | .0106714 |

Sample Name: I1763-06      Acquired: 2/18/2017 15:33:28      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SJ0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9276356 | .0544656 | .1658176 |
| Stddev | .0029413 | .0013731 | .0005228 |
| %RSD   | .3170750 | 2.521108 | .3153060 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9304536 | .0559374 | .1664197 |
| #2 | .9278684 | .0542403 | .1655544 |
| #3 | .9245848 | .0532190 | .1654786 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 31.77046 | 1659.890 | 59645.41 | 9453.019 | 2115.876 |
| Stddev    | .66059   | 5.953    | 199.01   | 39.630   | 8.619    |
| %RSD      | 2.079261 | .3586598 | .3336634 | .4192343 | .4073385 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 31.01714 | 1663.113 | 59873.50 | 9407.352 | 2115.005 |
| #2 | 32.25083 | 1653.020 | 59555.63 | 9478.400 | 2107.726 |
| #3 | 32.04341 | 1663.537 | 59507.10 | 9473.303 | 2124.897 |

Sample Name: CCV086      Acquired: 2/18/2017 15:46:26      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV086      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.120895 | 4.878325 | 24.10465 | 5.103679 | 5.105424 | 423.2191 | 10.48563 |
| Stddev | .109172  | .105547  | .61858   | .123896  | .126546  | 2.9792   | .02989   |
| %RSD   | 2.131887 | 2.163596 | 2.566216 | 2.427573 | 2.478662 | .7039494 | .2850577 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.200304 | 4.934585 | 24.53186 | 5.193332 | 5.193295 | 425.2398 | 10.48743 |
| #2 | 4.996402 | 4.756566 | 23.39531 | 4.962303 | 4.960380 | 424.6199 | 10.45489 |
| #3 | 5.165979 | 4.943824 | 24.38679 | 5.155402 | 5.162596 | 419.7976 | 10.51459 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4917964 | 2.365414 | 396.7797 | 15.45563 | 2.429259 | 15.84942 | 401.6581 |
| Stddev | .0010476 | .061319  | 3.1957   | .08852   | .066859  | .12687   | 2.7665   |
| %RSD   | .2130200 | 2.592334 | .8054169 | .5727630 | 2.752234 | .8004727 | .6887691 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4926157 | 2.408824 | 398.6273 | 15.35537 | 2.475413 | 15.92694 | 403.7208 |
| #2 | .4921577 | 2.295266 | 398.6223 | 15.48852 | 2.352587 | 15.91832 | 402.7392 |
| #3 | .4906160 | 2.392153 | 393.0896 | 15.52301 | 2.459778 | 15.70301 | 398.5143 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.80373 | 395.7294 | 2.432339 | 1.260235 | 411.1640 | 2.550137 | 14.85599 |
| Stddev | .09157   | 2.7259   | .065206  | .007959  | 3.5860   | .017891  | .21868   |
| %RSD   | .6185842 | .6888378 | 2.680785 | .6315199 | .8721700 | .7015514 | 1.472009 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.88472 | 398.0053 | 2.477129 | 1.251048 | 414.4108 | 2.548786 | 14.62542 |
| #2 | 14.82212 | 396.4746 | 2.357530 | 1.264631 | 411.7662 | 2.568665 | 14.88209 |
| #3 | 14.70436 | 392.7084 | 2.462357 | 1.265027 | 407.3150 | 2.532961 | 15.06044 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 155.7312 | 5.043708 | 4.820638 | 4.982846 | 5.094841 | 4.814513 | 4.803024 |
| Stddev | 1.1330   | .120386  | .001205  | .116918  | .133584  | .009059  | .119809  |
| %RSD   | .7275208 | 2.386854 | .0250048 | 2.346417 | 2.621954 | .1881551 | 2.494456 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 156.3947 | 5.113761 | 4.820733 | 5.067008 | 5.171546 | 4.824737 | 4.876784 |
| #2 | 156.3759 | 4.904700 | 4.819388 | 4.849346 | 4.940592 | 4.807487 | 4.664784 |
| #3 | 154.4230 | 5.112663 | 4.821793 | 5.032184 | 5.172386 | 4.811314 | 4.867504 |

Sample Name: CCV086      Acquired: 2/18/2017 15:46:26      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCV086      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.102138 | 5.393718 | 5.198909 |
| Stddev | .030939  | .040153  | .044302  |
| %RSD   | .6063874 | .7444443 | .8521340 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.122801 | 5.425793 | 5.248464 |
| #2 | 5.117045 | 5.406676 | 5.185128 |
| #3 | 5.066568 | 5.348686 | 5.163136 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 24.74627 | 1255.307 | 45530.22 | 7729.669 | 1578.817 |
| Stddev    | .38532   | 27.415   | 155.57   | 23.127   | 37.396   |
| %RSD      | 1.557092 | 2.183930 | .3416883 | .2991993 | 2.368624 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 25.07917 | 1234.517 | 45702.81 | 7706.725 | 1551.939 |
| #2 | 24.83546 | 1286.376 | 45400.77 | 7729.308 | 1621.525 |
| #3 | 24.32417 | 1245.029 | 45487.08 | 7752.975 | 1562.987 |

Sample Name: CCB086      Acquired: 2/18/2017 15:50:34      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB086      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.007703 | .0049111 | -.000918 | .0089172 | .0013992 | -.004294 | -.002342 |
| Stddev | .007657  | .0051757 | .001708  | .0045203 | .0033714 | .003968  | .000129  |
| %RSD   | 99.40723 | 105.3875 | 186.1060 | 50.69138 | 240.9534 | 92.40436 | 5.493168 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000726 | .0021622 | .001031  | .0108766 | .0034578 | -.008852 | -.002297 |
| #2 | -.006489 | .0108813 | -.001632 | .0121271 | -.002492 | -.001618 | -.002487 |
| #3 | -.015895 | .0016898 | -.002153 | .0037478 | .003231  | -.002411 | -.002241 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000555 | .0002691 | -.001359 | .0003201 | .0002458 | .0015286 | -.009947 |
| Stddev | .0000169 | .0000481 | .007057  | .0001609 | .0002437 | .0005265 | .006711  |
| %RSD   | 30.41376 | 17.87008 | 519.3800 | 50.27136 | 99.13454 | 34.44259 | 67.47405 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000395 | .0003205 | .001159  | .0001675 | .0004725 | .0018769 | -.005864 |
| #2 | .0000732 | .0002252 | -.009329 | .0003047 | -.000012 | .0009229 | -.017692 |
| #3 | .0000539 | .0002616 | .004094  | .0004882 | .000277  | .0017859 | -.006283 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008277 | .0026858 | .0005318 | .0006515 | .0703560 | .0028593 | -.021875 |
| Stddev | .0009544 | .0313722 | .0004712 | .0004110 | .0529434 | .0007821 | .011858  |
| %RSD   | 115.3111 | 1168.085 | 88.60379 | 63.09298 | 75.25067 | 27.35332 | 54.20571 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016964 | .0249430 | .0007626 | .0007021 | .1279745 | .0036373 | -.020764 |
| #2 | -.000194 | .0163095 | -.000010 | .0002175 | .0592410 | .0020732 | -.010613 |
| #3 | .000981  | -.033195 | .000843  | .0010349 | .0238526 | .0028674 | -.034250 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.225687 | .0057043 | -.001045 | .0006340 | -.007313 | -.005892 | .0048397 |
| Stddev | .041536  | .0040102 | .000839  | .0003949 | .007421  | .000795  | .0017255 |
| %RSD   | 18.40425 | 70.30184 | 80.27649 | 62.28779 | 101.4765 | 13.49543 | 35.65274 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.224956 | .0062719 | -.000582 | .0010723 | .001234  | -.005019 | .0068094 |
| #2 | -.184521 | .0014405 | -.000539 | .0003059 | -.011051 | -.006084 | .0035952 |
| #3 | -.267584 | .0094005 | -.002014 | .0005237 | -.012121 | -.006575 | .0041145 |

Sample Name: CCB086      Acquired: 2/18/2017 15:50:34      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB086      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000700 | -.001212 | -.000036 |
| Stddev | .000502  | .000902  | .000079  |
| %RSD   | 71.69843 | 74.38430 | 218.7710 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000152 | -.001534 | -.000011 |
| #2 | -.000809 | -.000194 | .000027  |
| #3 | -.001138 | -.001909 | -.000125 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 29.41694 | 1522.748 | 54108.15 | 8195.617 | 2327.335 |
| Stddev    | 1.48253  | 21.726   | 179.95   | 15.905   | 27.715   |
| %RSD      | 5.039709 | 1.426758 | .3325770 | .1940698 | 1.190829 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 30.92000 | 1507.600 | 54251.90 | 8206.400 | 2309.744 |
| #2 | 27.95583 | 1513.003 | 54166.23 | 8177.350 | 2312.978 |
| #3 | 29.37500 | 1547.640 | 53906.34 | 8203.100 | 2359.283 |

Sample Name: I1763-01      Acquired: 2/18/2017 15:54:40      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SH7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0460277 | .0006476 | .4977177 | .0177571 | .0073426 | 70.23591 | 4.551601 |
| Stddev | .0079163 | .0029442 | .0039953 | .0037911 | .0021428 | .65674   | .037209  |
| %RSD   | 17.19895 | 454.6330 | .8027185 | 21.34979 | 29.18358 | .9350510 | .8174946 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0409763 | -.001696 | .5020157 | .0220490 | .0097664 | 70.91791 | 4.588553 |
| #2 | .0551512 | -.000314 | .4970203 | .0163575 | .0057000 | 70.18207 | 4.552110 |
| #3 | .0419557 | .003952  | .4941170 | .0148648 | .0065613 | 69.60774 | 4.514140 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044604 | .0055654 | 40.75685 | .0876528 | .0934744 | .1561432 | 102.6801 |
| Stddev | .0003065 | .0002299 | .26300   | .0003313 | .0001842 | .0023371 | .5998    |
| %RSD   | 6.870893 | 4.130016 | .6452926 | .3780063 | .1970782 | 1.496759 | .5841331 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046506 | .0056513 | 40.98470 | .0873831 | .0935234 | .1564289 | 103.2627 |
| #2 | .0046237 | .0057399 | 40.81679 | .0875526 | .0936291 | .1583243 | 102.7130 |
| #3 | .0041069 | .0053050 | 40.46905 | .0880227 | .0932706 | .1536763 | 102.0645 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.775869 | 12.58654 | .0730288 | -.004659 | .3756873 | .2143102 | .4250139 |
| Stddev | .050746  | .12208   | .0011664 | .000141  | .0084635 | .0035855 | .0100523 |
| %RSD   | .6526140 | .9698998 | 1.597105 | 3.032227 | 2.252815 | 1.673017 | 2.365162 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.827847 | 12.68748 | .0740399 | -.004820 | .3669469 | .2170729 | .4343461 |
| #2 | 7.773309 | 12.62129 | .0732936 | -.004600 | .3762712 | .2155992 | .4263254 |
| #3 | 7.726451 | 12.45086 | .0717528 | -.004556 | .3838437 | .2102585 | .4143703 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.680173 | 3.382465 | .0565124 | .0047614 | 3.864726 | 6.222064 | .0126182 |
| Stddev | .110029  | .021476  | .0017038 | .0004310 | .033394  | .022056  | .0029852 |
| %RSD   | 1.647096 | .6349225 | 3.014840 | 9.052665 | .8640775 | .3544730 | 23.65797 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.805612 | 3.399188 | .0565929 | .0052281 | 3.895103 | 6.247036 | .0094612 |
| #2 | 6.634917 | 3.389963 | .0581744 | .0046778 | 3.870107 | 6.205246 | .0129982 |
| #3 | 6.599989 | 3.358246 | .0547697 | .0043783 | 3.828968 | 6.213911 | .0153952 |

Sample Name: I1763-01      Acquired: 2/18/2017 15:54:40      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SH7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8783507 | .0546540 | .1115026 |
| Stddev | .0074994 | .0013598 | .0007269 |
| %RSD   | .8538051 | 2.488072 | .6519296 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8849478 | .0561247 | .1122259 |
| #2 | .8799102 | .0543953 | .1115097 |
| #3 | .8701942 | .0534422 | .1107721 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 30.59678 | 1560.930 | 56248.06 | 9102.295 | 2107.963 |
| Stddev    | .36257   | 13.122   | 29.15    | 57.016   | 14.610   |
| %RSD      | 1.185007 | .8406289 | .0518255 | .6263935 | .6931072 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 30.17818 | 1548.350 | 56265.59 | 9037.882 | 2094.680 |
| #2 | 30.79977 | 1559.907 | 56214.41 | 9122.707 | 2105.597 |
| #3 | 30.81239 | 1574.533 | 56264.19 | 9146.295 | 2123.612 |

Sample Name: I1764-01      Acquired: 2/18/2017 15:58:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SK7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0496925 | .0010120 | .7581365 | .0128435 | .0034117 | 76.36204 | 4.784212 |
| Stddev | .0016664 | .0033862 | .0018839 | .0059340 | .0036223 | .47519   | .034777  |
| %RSD   | 3.353377 | 334.5900 | .2484975 | 46.20255 | 106.1726 | .6222833 | .7269093 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0483186 | -.002652 | .7596817 | .0168190 | .0066884 | 75.84518 | 4.744247 |
| #2 | .0492128 | .004026  | .7586899 | .0060226 | .0040249 | 76.46095 | 4.800803 |
| #3 | .0515461 | .001662  | .7560378 | .0156889 | -.000478 | 76.77999 | 4.807587 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0075081 | .0103503 | 36.31104 | .1002001 | .1126544 | .1561827 | 128.6368 |
| Stddev | .0001311 | .0002017 | .31633   | .0006184 | .0013512 | .0015898 | 1.1018   |
| %RSD   | 1.745969 | 1.948201 | .8711678 | .6171279 | 1.199441 | 1.017916 | .8565119 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0076568 | .0101315 | 35.98411 | .1005080 | .1139256 | .1547996 | 127.4315 |
| #2 | .0074583 | .0105287 | 36.33341 | .0994883 | .1112354 | .1579196 | 128.8867 |
| #3 | .0074093 | .0103909 | 36.61558 | .1006041 | .1128023 | .1558289 | 129.5921 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.48178 | 17.00123 | .1074924 | -.006072 | .6062521 | .2584912 | 1.215720 |
| Stddev | .07777   | .13152   | .0006835 | .000257  | .0653187 | .0056474 | .039391  |
| %RSD   | .7419309 | .7736097 | .6358956 | 4.240006 | 10.77418 | 2.184755 | 3.240128 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.39882 | 16.85700 | .1082498 | -.006187 | .6524754 | .2548384 | 1.208857 |
| #2 | 10.49349 | 17.03214 | .1073058 | -.005778 | .6347553 | .2556394 | 1.258091 |
| #3 | 10.55302 | 17.11454 | .1069215 | -.006253 | .5315256 | .2649959 | 1.180211 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.463777 | 5.747655 | .0541512 | .0035687 | 4.200564 | 3.270276 | .0127950 |
| Stddev | .067038  | .047414  | .0006389 | .0006354 | .021498  | .012978  | .0013995 |
| %RSD   | 1.037128 | .8249268 | 1.179866 | 17.80510 | .5117947 | .3968502 | 10.93784 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.386972 | 5.793561 | .0536825 | .0038224 | 4.213890 | 3.262585 | .0112395 |
| #2 | 6.493822 | 5.698865 | .0538922 | .0028456 | 4.175762 | 3.262984 | .0131931 |
| #3 | 6.510537 | 5.750537 | .0548790 | .0040380 | 4.212038 | 3.285260 | .0139522 |

Sample Name: I1764-01      Acquired: 2/18/2017 15:58:41      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SK7      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6190103 | .0372124 | .0815725 |
| Stddev | .0050416 | .0004624 | .0004792 |
| %RSD   | .8144629 | 1.242487 | .5874372 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6133119 | .0367493 | .0810206 |
| #2 | .6208278 | .0376740 | .0818828 |
| #3 | .6228911 | .0372140 | .0818141 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 32.83665 | 1703.577 | 62007.60 | 9771.755 | 2097.881 |
| Stddev    | 1.01866  | 4.177    | 279.14   | 42.201   | 9.095    |
| %RSD      | 3.102202 | .2452065 | .4501732 | .4318646 | .4335181 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 32.68195 | 1701.557 | 62328.80 | 9810.219 | 2090.986 |
| #2 | 31.90419 | 1708.380 | 61870.26 | 9778.433 | 2108.189 |
| #3 | 33.92381 | 1700.793 | 61823.73 | 9726.614 | 2094.469 |

Sample Name: I1764-02      Acquired: 2/18/2017 16:02:43      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SK8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0816652 | .0028808 | .7177771 | .0119640 | .0061596 | 91.34329 | 2.191845 |
| Stddev | .0025238 | .0019602 | .0102881 | .0012402 | .0026164 | 1.02820  | .025495  |
| %RSD   | 3.090420 | 68.04450 | 1.433332 | 10.36625 | 42.47675 | 1.125639 | 1.163170 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0837104 | .0045793 | .7283991 | .0105377 | .0032375 | 90.16911 | 2.162481 |
| #2 | .0788447 | .0007359 | .7078591 | .0125662 | .0069562 | 92.08256 | 2.204715 |
| #3 | .0824406 | .0033272 | .7170730 | .0127882 | .0082851 | 91.77821 | 2.208340 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0078046 | .0079017 | 75.53614 | .1296639 | .1184019 | .1948572 | 167.2477 |
| Stddev | .0001056 | .0004746 | .75746   | .0010066 | .0013585 | .0029663 | 2.0804   |
| %RSD   | 1.352529 | 6.006637 | 1.002777 | .7763381 | 1.147373 | 1.522290 | 1.243879 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0078321 | .0083979 | 74.66151 | .1307830 | .1198998 | .1926998 | 164.8487 |
| #2 | .0076881 | .0074520 | 75.97102 | .1288322 | .1172493 | .1982398 | 168.5545 |
| #3 | .0078937 | .0078553 | 75.97589 | .1293766 | .1180567 | .1936320 | 168.3399 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.90183 | 28.86457 | .1517797 | -.007923 | .5097178 | .2628951 | .4270053 |
| Stddev | .22778   | .45380   | .0025155 | .000224  | .0304290 | .0017169 | .0100464 |
| %RSD   | 1.205065 | 1.572166 | 1.657332 | 2.823535 | 5.969780 | .6530599 | 2.352758 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.63973 | 28.34999 | .1539307 | -.008158 | .4796076 | .2648164 | .4337710 |
| #2 | 19.01386 | 29.03617 | .1490138 | -.007713 | .5090900 | .2615112 | .4317832 |
| #3 | 19.05190 | 29.20755 | .1523947 | -.007898 | .5404560 | .2623577 | .4154616 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.079652 | 4.997363 | .0862041 | .0019925 | 5.044474 | 2.484493 | .0145493 |
| Stddev | .103818  | .075008  | .0005583 | .0005112 | .088218  | .005512  | .0006663 |
| %RSD   | 1.143416 | 1.500947 | .6477089 | 25.65661 | 1.748797 | .2218687 | 4.579396 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.961165 | 5.068259 | .0862352 | .0025821 | 5.134509 | 2.481383 | .0145494 |
| #2 | 9.123121 | 4.918828 | .0867462 | .0016733 | 4.958194 | 2.481238 | .0152156 |
| #3 | 9.154670 | 5.005002 | .0856308 | .0017220 | 5.040718 | 2.490857 | .0138830 |

Sample Name: I1764-02      Acquired: 2/18/2017 16:02:43      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SK8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5452126 | .0458073 | .1040842 |
| Stddev | .0065201 | .0010796 | .0011244 |
| %RSD   | 1.195885 | 2.356884 | 1.080320 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5377800 | .0445649 | .1027937 |
| #2 | .5499680 | .0465172 | .1048529 |
| #3 | .5478897 | .0463399 | .1046061 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 34.42435 | 1665.663 | 59847.38 | 9732.220 | 2043.997 |
| Stddev    | .63261   | 15.057   | 195.42   | 43.184   | 25.911   |
| %RSD      | 1.837682 | .9039759 | .3265348 | .4437239 | 1.267643 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 33.79583 | 1649.100 | 59847.09 | 9781.675 | 2017.484 |
| #2 | 34.41623 | 1678.523 | 59652.11 | 9713.015 | 2069.260 |
| #3 | 35.06098 | 1669.367 | 60042.95 | 9701.969 | 2045.248 |

Sample Name: I1764-03      Acquired: 2/18/2017 16:06:45      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SK9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0541899 | .0029492 | .7263095 | .0005254 | .0077659 | 80.10595 | 2.155919 |
| Stddev | .0035056 | .0048526 | .0084503 | .0084772 | .0009903 | .32745   | .009101  |
| %RSD   | 6.469021 | 164.5416 | 1.163461 | 1613.560 | 12.75208 | .4087661 | .4221383 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0580191 | .0032683 | .7342631 | .0075108 | .0068510 | 80.21246 | 2.152530 |
| #2 | .0511388 | .0076343 | .7272279 | -.008906 | .0088174 | 79.73850 | 2.148999 |
| #3 | .0534116 | -.002055 | .7174375 | .002971  | .0076292 | 80.36687 | 2.166228 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0077919 | .0076567 | 31.52971 | .1055317 | .1076889 | .1864932 | 127.6224 |
| Stddev | .0000230 | .0001468 | .27061   | .0004305 | .0018914 | .0034246 | .8937    |
| %RSD   | .2949937 | 1.917929 | .8582713 | .4079831 | 1.756397 | 1.836298 | .7002796 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0077724 | .0078174 | 31.44807 | .1051863 | .1096635 | .1826261 | 127.3585 |
| #2 | .0077859 | .0075293 | 31.30932 | .1053947 | .1075098 | .1891424 | 126.8903 |
| #3 | .0078172 | .0076235 | 31.83174 | .1060141 | .1058934 | .1877109 | 128.6183 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.71150 | 13.20407 | .1137141 | -.005947 | .6092890 | .2515364 | .7605247 |
| Stddev | .07301   | .08274   | .0013531 | .000238  | .1090583 | .0024230 | .0102795 |
| %RSD   | .6815770 | .6266526 | 1.189914 | 4.003326 | 17.89926 | .9632666 | 1.351638 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.69490 | 13.10975 | .1145984 | -.005773 | .6596067 | .2499669 | .7533943 |
| #2 | 10.64822 | 13.26442 | .1143874 | -.005851 | .6841042 | .2503153 | .7558717 |
| #3 | 10.79138 | 13.23805 | .1121564 | -.006218 | .4841562 | .2543270 | .7723079 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.262327 | 7.419121 | .0531070 | .0056162 | 4.674040 | 2.378467 | .0131850 |
| Stddev | .016512  | .064049  | .0024960 | .0008289 | .035732  | .014214  | .0028350 |
| %RSD   | .2273675 | .8633016 | 4.699868 | 14.75921 | .7644755 | .5975948 | 21.50180 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.247309 | 7.480268 | .0502796 | .0064192 | 4.714870 | 2.387031 | .0106657 |
| #2 | 7.280009 | 7.424576 | .0550045 | .0047636 | 4.648483 | 2.362060 | .0126344 |
| #3 | 7.259662 | 7.352518 | .0540370 | .0056657 | 4.658767 | 2.386310 | .0162550 |

Sample Name: I1764-03      Acquired: 2/18/2017 16:06:45      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SK9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6021800 | .0427945 | .0805095 |
| Stddev | .0023193 | .0007487 | .0003575 |
| %RSD   | .3851478 | 1.749497 | .4440249 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6011444 | .0420780 | .0803330 |
| #2 | .6005589 | .0427339 | .0802747 |
| #3 | .6048366 | .0435716 | .0809210 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 33.28579 | 1702.407 | 60269.89 | 9631.920 | 2114.433 |
| Stddev    | .89869   | 8.567    | 38.45    | 40.984   | 13.118   |
| %RSD      | 2.699906 | .5032079 | .0637957 | .4255002 | .6204129 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 33.42722 | 1697.630 | 60293.24 | 9647.408 | 2099.292 |
| #2 | 34.10537 | 1712.297 | 60225.51 | 9662.902 | 2122.392 |
| #3 | 32.32477 | 1697.293 | 60290.92 | 9585.449 | 2121.615 |

Sample Name: I1764-07      Acquired: 2/18/2017 16:10:47      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SL1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0433673 | .0032369 | 1.017918 | .0096493 | .0062245 | 61.22573 | 15.20952 |
| Stddev | .0108793 | .0002510 | .007464  | .0038343 | .0016463 | .23754   | .02143   |
| %RSD   | 25.08634 | 7.753501 | .7332583 | 39.73621 | 26.44827 | .3879768 | .1409071 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0413307 | .0032205 | 1.009946 | .0064490 | .0057821 | 60.97076 | 15.18524 |
| #2 | .0336503 | .0034957 | 1.024741 | .0086000 | .0080467 | 61.26564 | 15.21750 |
| #3 | .0551210 | .0029945 | 1.019068 | .0138990 | .0048446 | 61.44078 | 15.22582 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0070262 | .0127557 | 496.7113 | .0899814 | .1210682 | .3852323 | 103.2142 |
| Stddev | .0000459 | .0002837 | 2.2427   | .0042027 | .0012688 | .0025204 | .5192    |
| %RSD   | .6539808 | 2.224029 | .4515147 | 4.670604 | 1.047979 | .6542482 | .5030471 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0070656 | .0124733 | 494.5101 | .0856253 | .1206178 | .3824494 | 102.6527 |
| #2 | .0069757 | .0130407 | 496.6303 | .0940117 | .1225007 | .3858864 | 103.3129 |
| #3 | .0070374 | .0127531 | 498.9934 | .0903071 | .1200861 | .3873612 | 103.6770 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 20.07585 | 46.54883 | .1397281 | -.004252 | 1.155893 | .1799381 | 2.089186 |
| Stddev | .09194   | .39783   | .0011729 | .000241  | .035136  | .0028297 | .049897  |
| %RSD   | .4579635 | .8546605 | .8393899 | 5.666730 | 3.039711 | 1.572615 | 2.388364 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 19.98024 | 46.14262 | .1385607 | -.003974 | 1.125911 | .1831954 | 2.130512 |
| #2 | 20.08369 | 46.56613 | .1409064 | -.004404 | 1.147212 | .1785331 | 2.103291 |
| #3 | 20.16361 | 46.93773 | .1397172 | -.004378 | 1.194555 | .1780859 | 2.033754 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.42896 | 16.48126 | .1111109 | .0039433 | 9.815950 | 3.354648 | .0166612 |
| Stddev | .04029   | .09295   | .0009417 | .0007215 | .053415  | .020281  | .0009397 |
| %RSD   | .2792281 | .5639655 | .8474893 | 18.29751 | .5441619 | .6045514 | 5.640094 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.38393 | 16.40366 | .1107986 | .0031792 | 9.777227 | 3.331475 | .0155766 |
| #2 | 14.44135 | 16.45584 | .1121690 | .0040378 | 9.793736 | 3.369163 | .0171742 |
| #3 | 14.46159 | 16.58427 | .1103650 | .0046130 | 9.876887 | 3.363305 | .0172327 |

Sample Name: I1764-07      Acquired: 2/18/2017 16:10:47      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SL1      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5652195 | .0308933 | 1.751759 |
| Stddev | .0035056 | .0002418 | .006131  |
| %RSD   | .6202271 | .7826603 | .3500031 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5614496 | .0306145 | 1.745368 |
| #2 | .5658275 | .0310196 | 1.752316 |
| #3 | .5683814 | .0310458 | 1.757592 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 31.95213 | 1570.939 | 56906.90 | 9439.511 | 1805.701 |
| Stddev    | 1.17780  | 13.194   | 1989.22  | 39.733   | 11.633   |
| %RSD      | 3.686125 | .8399063 | 3.495571 | .4209269 | .6442410 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 30.67759 | 1584.723 | 58801.26 | 9476.191 | 1818.948 |
| #2 | 32.17847 | 1569.667 | 54834.76 | 9445.040 | 1801.004 |
| #3 | 33.00033 | 1558.427 | 57084.68 | 9397.303 | 1797.151 |

Sample Name: I1764-08      Acquired: 2/18/2017 16:14:58      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SL2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0641630 | .0017991 | .9797351 | .0022428 | .0103823 | 77.12478 | 10.53241 |
| Stddev | .0027757 | .0024231 | .0112410 | .0090074 | .0016437 | .21878   | .06142   |
| %RSD   | 4.326085 | 134.6806 | 1.147349 | 401.6060 | 15.83134 | .2836696 | .5831281 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0658600 | .0041358 | .9706427 | .0108746 | .0119176 | 77.37196 | 10.60099 |
| #2 | .0656692 | .0019635 | .9762591 | .0029521 | .0086484 | 77.04639 | 10.48247 |
| #3 | .0609597 | -.000702 | .9923035 | -.007098 | .0105810 | 76.95600 | 10.51377 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081722 | .0113510 | 380.3027 | .1086519 | .2090362 | .2176274 | 167.2123 |
| Stddev | .0001971 | .0002109 | .5872    | .0008879 | .0030679 | .0015634 | .3884    |
| %RSD   | 2.412129 | 1.858111 | .1543987 | .8171715 | 1.467634 | .7183835 | .2323073 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0081038 | .0111083 | 379.6628 | .1096174 | .2059855 | .2169457 | 166.7988 |
| #2 | .0080184 | .0114908 | 380.8168 | .1084679 | .2090021 | .2165206 | 167.5695 |
| #3 | .0083944 | .0114537 | 380.4286 | .1078705 | .2121210 | .2194159 | 167.2687 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.48692 | 193.8726 | .1758461 | -.006318 | .8461190 | .2464378 | .7893957 |
| Stddev | .03125   | .5068    | .0030649 | .000237  | .0606564 | .0025933 | .0158522 |
| %RSD   | .2316895 | .2614186 | 1.742948 | 3.754840 | 7.168776 | 1.052302 | 2.008146 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.46389 | 193.2929 | .1723113 | -.006045 | .8097766 | .2494221 | .7747219 |
| #2 | 13.52249 | 194.2323 | .1774641 | -.006434 | .8124382 | .2451587 | .8062090 |
| #3 | 13.47438 | 194.0926 | .1777630 | -.006476 | .9161420 | .2447326 | .7872563 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.521534 | 5.008393 | .0775188 | .0025268 | 8.690473 | 3.416057 | .0090292 |
| Stddev | .044889  | .051914  | .0016112 | .0003835 | .112789  | .012746  | .0025726 |
| %RSD   | .5267676 | 1.036547 | 2.078516 | 15.17755 | 1.297846 | .3731303 | 28.49162 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.471089 | 4.959792 | .0771790 | .0024722 | 8.602102 | 3.430239 | .0061049 |
| #2 | 8.557076 | 5.002303 | .0761046 | .0029347 | 8.651806 | 3.405557 | .0109436 |
| #3 | 8.536435 | 5.063084 | .0792728 | .0021735 | 8.817509 | 3.412374 | .0100390 |

Sample Name: I1764-08      Acquired: 2/18/2017 16:14:58      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SL2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4345699 | .0437293 | .2173478 |
| Stddev | .0025167 | .0000378 | .0005280 |
| %RSD   | .5791235 | .0865601 | .2429467 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4373674 | .0437335 | .2178277 |
| #2 | .4338524 | .0437649 | .2174336 |
| #3 | .4324899 | .0436895 | .2167821 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 31.22256 | 1539.986 | 55521.16 | 9428.898 | 1775.069 |
| Stddev    | .19487   | 13.673   | 270.24   | 12.241   | 15.914   |
| %RSD      | .6241304 | .8878979 | .4867282 | .1298282 | .8965448 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 31.43147 | 1549.813 | 55299.34 | 9414.765 | 1787.282 |
| #2 | 31.04570 | 1545.773 | 55442.01 | 9435.765 | 1780.855 |
| #3 | 31.19050 | 1524.370 | 55822.14 | 9436.164 | 1757.072 |

Sample Name: I1764-09      Acquired: 2/18/2017 16:19:10      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SL3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0572994 | .0001953 | .8160267 | .0058399 | .0078829 | 79.79535 | 5.362087 |
| Stddev | .0076447 | .0071281 | .0174642 | .0050633 | .0016520 | .22159   | .026453  |
| %RSD   | 13.34166 | 3650.031 | 2.140148 | 86.70180 | 20.95722 | .2776990 | .4933364 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0612856 | -.005976 | .8069747 | .0035777 | .0073410 | 79.54580 | 5.331585 |
| #2 | .0621272 | -.001435 | .8049469 | .0116400 | .0065698 | 79.87119 | 5.378744 |
| #3 | .0484855 | .007997  | .8361586 | .0023021 | .0097378 | 79.96907 | 5.375933 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0082443 | .0121506 | 33.75044 | .1253414 | .1397835 | .2135604 | 133.9172 |
| Stddev | .0001001 | .0002628 | .07511   | .0012393 | .0030703 | .0020904 | .2283    |
| %RSD   | 1.213953 | 2.162857 | .2225591 | .9887335 | 2.196442 | .9788191 | .1704965 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0081335 | .0120095 | 33.75605 | .1266299 | .1380626 | .2112211 | 133.6728 |
| #2 | .0083281 | .0119885 | 33.67268 | .1241580 | .1379596 | .2142150 | 133.9537 |
| #3 | .0082712 | .0124538 | 33.82260 | .1252362 | .1433282 | .2152452 | 134.1251 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.31968 | 13.51129 | .1606293 | -.005675 | .5154573 | .2629910 | .9646134 |
| Stddev | .00682   | .05024   | .0038469 | .000245  | .0092044 | .0011233 | .0394835 |
| %RSD   | .0372053 | .3718506 | 2.394903 | 4.318089 | 1.785671 | .4271111 | 4.093193 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.32671 | 13.48177 | .1574303 | -.005957 | .5249703 | .2622218 | 1.006353 |
| #2 | 18.31310 | 13.56930 | .1595597 | -.005510 | .5065962 | .2642800 | .927859  |
| #3 | 18.31924 | 13.48279 | .1648978 | -.005560 | .5148053 | .2624711 | .959628  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.28850 | 10.16450 | .0603035 | .0069953 | 6.021599 | 11.19228 | .0195165 |
| Stddev | .03294   | .20558   | .0006276 | .0005787 | .118610  | .05947   | .0017427 |
| %RSD   | .2305295 | 2.022508 | 1.040684 | 8.273006 | 1.969743 | .5313421 | 8.929364 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.29567 | 10.02476 | .0603137 | .0071969 | 5.939977 | 11.25771 | .0175423 |
| #2 | 14.25257 | 10.06818 | .0609259 | .0074463 | 5.967165 | 11.14153 | .0201664 |
| #3 | 14.31727 | 10.40055 | .0596709 | .0063428 | 6.157656 | 11.17760 | .0208409 |

Sample Name: I1764-09      Acquired: 2/18/2017 16:19:10      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SL3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9407327 | .0383786 | .0863186 |
| Stddev | .0035913 | .0005705 | .0002228 |
| %RSD   | .3817595 | 1.486405 | .2580760 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9365925 | .0380046 | .0860616 |
| #2 | .9430076 | .0390352 | .0864391 |
| #3 | .9425980 | .0380959 | .0864553 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 33.60675 | 1705.519 | 61738.53 | 9946.838 | 2072.565 |
| Stddev    | 1.58211  | 19.132   | 270.55   | 53.275   | 33.814   |
| %RSD      | 4.707720 | 1.121777 | .4382215 | .5355978 | 1.631526 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 31.79860 | 1715.503 | 61433.46 | 9895.613 | 2091.624 |
| #2 | 34.73667 | 1717.593 | 61949.35 | 10001.95 | 2092.549 |
| #3 | 34.28500 | 1683.460 | 61832.78 | 9942.95  | 2033.523 |

Sample Name: I1764-10      Acquired: 2/18/2017 16:23:11      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SL4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0495678 | .0049447 | .5819506 | .0043826 | .0081864 | 82.58181 | 2.070206 |
| Stddev | .0079957 | .0039345 | .0022577 | .0010705 | .0020921 | .33999   | .004834  |
| %RSD   | 16.13073 | 79.57046 | .3879567 | 24.42703 | 25.55605 | .4116981 | .2335122 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0580183 | .0081863 | .5804908 | .0032871 | .0058352 | 82.96930 | 2.073436 |
| #2 | .0485630 | .0060805 | .5845511 | .0054262 | .0098425 | 82.44264 | 2.072533 |
| #3 | .0421220 | .0005672 | .5808100 | .0044345 | .0088817 | 82.33349 | 2.064648 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0079928 | .0077550 | 33.06045 | .1101840 | .1052130 | .1730933 | 127.7109 |
| Stddev | .0001420 | .0000982 | .14690   | .0024748 | .0007420 | .0012871 | .7446    |
| %RSD   | 1.776278 | 1.266605 | .4443480 | 2.246101 | .7052766 | .7435997 | .5830034 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0081366 | .0078265 | 33.22526 | .1119701 | .1059823 | .1728948 | 128.3610 |
| #2 | .0078527 | .0076430 | 32.94327 | .1112230 | .1051551 | .1719170 | 127.8731 |
| #3 | .0079889 | .0077956 | 33.01284 | .1073591 | .1045016 | .1744681 | 126.8986 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.545871 | 14.90911 | .1179660 | -.005748 | .5436142 | .2501350 | .7172229 |
| Stddev | .058097  | .11061   | .0005924 | .000634  | .1067803 | .0028957 | .0026117 |
| %RSD   | .6086093 | .7419019 | .5021812 | 11.02709 | 19.64266 | 1.157642 | .3641438 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.607252 | 14.98430 | .1182704 | -.005718 | .4563878 | .2521052 | .7200786 |
| #2 | 9.538622 | 14.96093 | .1183442 | -.006397 | .6626972 | .2514895 | .7149554 |
| #3 | 9.491738 | 14.78211 | .1172832 | -.005130 | .5117575 | .2468104 | .7166347 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.188005 | 6.246172 | .0566361 | .0042736 | 4.561463 | 6.389294 | .0160972 |
| Stddev | .041650  | .025282  | .0024984 | .0004900 | .026860  | .059726  | .0011348 |
| %RSD   | .6730784 | .4047571 | 4.411333 | 11.46629 | .5888416 | .9347811 | 7.049440 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.140102 | 6.267988 | .0585080 | .0037128 | 4.580946 | 6.436279 | .0160904 |
| #2 | 6.208261 | 6.252064 | .0576011 | .0046193 | 4.572620 | 6.409523 | .0149658 |
| #3 | 6.215653 | 6.218465 | .0537990 | .0044886 | 4.530822 | 6.322081 | .0172353 |

Sample Name: I1764-10      Acquired: 2/18/2017 16:23:11      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SL4      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6514307 | .0435870 | .0769551 |
| Stddev | .0044943 | .0003316 | .0003104 |
| %RSD   | .6899110 | .7607635 | .4033056 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6562743 | .0439691 | .0772602 |
| #2 | .6506224 | .0434178 | .0769653 |
| #3 | .6473954 | .0433742 | .0766398 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 32.57787 | 1691.434 | 61450.65 | 9627.451 | 2089.569 |
| Stddev    | .68743   | 3.251    | 735.29   | 78.972   | 4.548    |
| %RSD      | 2.110117 | .1922137 | 1.196546 | .8202827 | .2176543 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 31.90726 | 1693.073 | 60794.49 | 9544.605 | 2087.034 |
| #2 | 33.28097 | 1687.690 | 61312.11 | 9635.872 | 2086.853 |
| #3 | 32.54538 | 1693.540 | 62245.36 | 9701.875 | 2094.820 |

Sample Name: PB96977BL      Acquired: 2/18/2017 16:27:12      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | -.001701 | -.000430 | -.002350 | .0088864 | .0014296 | -.009219 | -.002690 |
| Stddev | .005634  | .003943  | .000631  | .0025496 | .0024329 | .005285  | .000405  |
| %RSD   | 331.1823 | 916.9045 | 26.84177 | 28.69157 | 170.1814 | 57.32264 | 15.04708 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002951 | .002459  | -.001994 | .0118263 | .0025510 | -.010502 | -.003150 |
| #2 | .004453  | -.004922 | -.003078 | .0075518 | -.001362 | -.003411 | -.002531 |
| #3 | -.006606 | .001173  | -.001977 | .0072810 | .003100  | -.013745 | -.002388 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000001 | .0002546 | .0060517 | .0001367 | .0001624 | .0022794 | -.005425 |
| Stddev | .000041  | .0001221 | .0060411 | .0002908 | .0002811 | .0012679 | .011908  |
| %RSD   | 4649.376 | 47.95111 | 99.82485 | 212.6672 | 173.0485 | 55.62331 | 219.5018 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000046 | .0001618 | .0080170 | .0001332 | .0004489 | .0035851 | -.005362 |
| #2 | .000034  | .0002090 | .0108655 | -.000152 | -.000113 | .0010532 | .006451  |
| #3 | .000009  | .0003929 | -.000727 | .000429  | .000151  | .0021998 | -.017364 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011143 | .0086311 | .0005702 | .0006077 | -.063963 | -.000598 | .0016679 |
| Stddev | .0008341 | .0356185 | .0004229 | .0003127 | .031740  | .000881  | .0269090 |
| %RSD   | 74.85023 | 412.6771 | 74.16708 | 51.45267 | 49.62187 | 147.2798 | 1613.397 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002097 | .0054500 | .0010584 | .0009204 | -.087119 | -.000561 | .0320467 |
| #2 | .0018528 | -.025290 | .0003142 | .0006075 | -.027783 | -.001497 | -.007870 |
| #3 | .0012805 | .045733  | .0003381 | .0002951 | -.076987 | .000264  | -.019173 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.258925 | .0049584 | -.005901 | .0002468 | .0010279 | -.007203 | .0038271 |
| Stddev | .033865  | .0053352 | .001297  | .0002924 | .0018825 | .000392  | .0008368 |
| %RSD   | 13.07902 | 107.5991 | 21.97226 | 118.5154 | 183.1533 | 5.437445 | 21.86644 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.273145 | .0048349 | -.006461 | .0000101 | .0020516 | -.006751 | .0041416 |
| #2 | -.220269 | -.000314 | -.004419 | .0005737 | .0021767 | -.007438 | .0028785 |
| #3 | -.283363 | .010354  | -.006824 | .0001565 | -.001145 | -.007420 | .0044611 |

Sample Name: PB96977BL      Acquired: 2/18/2017 16:27:12      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | -.001295 | -.003654 | -.000075 |
| Stddev | .000336  | .000348  | .000014  |
| %RSD   | 25.92097 | 9.515921 | 18.35014 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001680 | -.003343 | -.000084 |
| #2 | -.001064 | -.004029 | -.000082 |
| #3 | -.001141 | -.003589 | -.000059 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 28.93889 | 1530.794 | 53480.16 | 8120.850 | 2343.173 |
| Stddev    | .62699   | 18.646   | 747.00   | 229.329  | 26.155   |
| %RSD      | 2.166609 | 1.218079 | 1.396789 | 2.823950 | 1.116217 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 29.09583 | 1510.410 | 52911.83 | 8036.300 | 2314.283 |
| #2 | 28.24833 | 1546.990 | 53202.38 | 7945.800 | 2365.241 |
| #3 | 29.47250 | 1534.983 | 54326.26 | 8380.450 | 2349.996 |

Sample Name: PB96977BS      Acquired: 2/18/2017 16:31:19      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | F .0099360 | .0592578 | .0187796 | .0873895 | .1265481 | .4282827 |
| Stddev | .0069386   | .0025074 | .0017330 | .0144909 | .0032628 | .0172116 |
| %RSD   | 69.83296   | 4.231288 | 9.227830 | 16.58200 | 2.578282 | 4.018740 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0023550 | .0595121 | .0202321 | .0942998 | .1267212 | .4256779 |
| #2 | .0114814 | .0616284 | .0168614 | .0707369 | .1232022 | .4466482 |
| #3 | .0159716 | .0566330 | .0192453 | .0971318 | .1297208 | .4125220 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4424329 | .0103296 | .0113130 | 10.12625 | .0239294 | .0951988 |
| Stddev | .0060156 | .0001547 | .0000116 | .13072   | .0002109 | .0007135 |
| %RSD   | 1.359654 | 1.497746 | .1021904 | 1.290883 | .8813556 | .7495261 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4457461 | .0104372 | .0113251 | 10.16460 | .0239506 | .0955700 |
| #2 | .4460635 | .0103994 | .0113020 | 10.23350 | .0237087 | .0943761 |
| #3 | .4354892 | .0101523 | .0113120 | 9.98065  | .0241289 | .0956502 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0586491 | .2456160 | .0344232 | 9.468454 | .0801271 | .0200829 |
| Stddev | .0018712 | .0111810 | .0010575 | .149683  | .0003564 | .0006495 |
| %RSD   | 3.190454 | 4.552232 | 3.072173 | 1.580861 | .4448055 | 3.234039 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0606610 | .2537175 | .0353948 | 9.513626 | .0803773 | .0196150 |
| #2 | .0583255 | .2502710 | .0345781 | 9.590349 | .0797191 | .0198093 |
| #3 | .0569609 | .2328596 | .0332968 | 9.301388 | .0802851 | .0208244 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 10.37757 | .1142371 | .1412891 | 10.01590 | F .0321652 | F .0159914 |
| Stddev | .06739   | .0042354 | .0124261 | .13734   | .0063401   | .0015111   |
| %RSD   | .6494159 | 3.707540 | 8.794785 | 1.371192 | 19.71096   | 9.449478   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.30389 | .1191163 | .1482565 | 10.08109 | .0365841 | .0176967 |
| #2 | 10.39272 | .1115089 | .1269426 | 10.10849 | .0249009 | .0148186 |
| #3 | 10.43610 | .1120860 | .1486680 | 9.85810  | .0350107 | .0154591 |

Sample Name: PB96977BS      Acquired: 2/18/2017 16:31:19      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | .0220157 | .1777527 | .1993665 | F .0180807 | .2196520 | .1108528 |
| Stddev | .0001656 | .0055622 | .0027362 | .0011216   | .0030507 | .0019894 |
| %RSD   | .7520223 | 3.129162 | 1.372436 | 6.203153   | 1.388882 | 1.794614 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0220529 | .1723110 | .2003511 | .0190901 | .2212545 | .1114215 |
| #2 | .0218347 | .1834280 | .2014741 | .0182786 | .2215675 | .1124960 |
| #3 | .0221595 | .1775191 | .1962743 | .0168733 | .2161340 | .1086411 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2237611 |
| Stddev | .0032117 |
| %RSD   | 1.435308 |

|    |          |
|----|----------|
| #1 | .2250083 |
| #2 | .2261622 |
| #3 | .2201130 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 28.28806 | 1498.031 | 53725.32 | 8196.351 | 2207.687 |
| Stddev    | 1.10211  | 12.857   | 1018.14  | 79.341   | 17.801   |
| %RSD      | 3.896028 | .8582658 | 1.895085 | .9680064 | .8063112 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 28.59629 | 1490.317 | 53886.40 | 8174.211 | 2194.993 |
| #2 | 27.06465 | 1512.873 | 54653.32 | 8130.432 | 2228.035 |
| #3 | 29.20324 | 1490.903 | 52636.24 | 8284.411 | 2200.034 |

Sample Name: I1842-01      Acquired: 2/18/2017 16:35:23      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SQ7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0976670 | .0074233 | 4.330265 | .0061397 | .0057548 | 91.01584 | 4.671390 |
| Stddev | .0087782 | .0024568 | .067879  | .0030283 | .0040201 | .48279   | .021631  |
| %RSD   | 8.987906 | 33.09604 | 1.567554 | 49.32306 | 69.85596 | .5304453 | .4630585 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1043899 | .0065818 | 4.343509 | .0068921 | .0103255 | 90.99854 | 4.680608 |
| #2 | .1008751 | .0054978 | 4.256740 | .0028062 | .0041716 | 90.54193 | 4.646676 |
| #3 | .0877360 | .0101903 | 4.390547 | .0087209 | .0027674 | 91.50705 | 4.686884 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0076015 | .0066467 | 23.75695 | .1510056 | .1373899 | .1343893 | 171.4301 |
| Stddev | .0001014 | .0001423 | .07123   | .0030689 | .0025149 | .0021828 | .4795    |
| %RSD   | 1.333243 | 2.141344 | .2998479 | 2.032336 | 1.830459 | 1.624269 | .2797160 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0075720 | .0067586 | 23.76593 | .1516166 | .1372785 | .1344284 | 171.4919 |
| #2 | .0075182 | .0064865 | 23.68165 | .1476772 | .1349325 | .1321872 | 170.9226 |
| #3 | .0077143 | .0066950 | 23.82327 | .1537232 | .1399585 | .1365524 | 171.8757 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.68025 | 15.56466 | .0755772 | -.007985 | .6099765 | .3564572 | .6057724 |
| Stddev | .03330   | .10868   | .0012694 | .000245  | .0631658 | .0024511 | .0047367 |
| %RSD   | .2434446 | .6982515 | 1.679606 | 3.073837 | 10.35545 | .6876239 | .7819194 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.69455 | 15.66075 | .0764579 | -.008060 | .5711607 | .3540546 | .6007933 |
| #2 | 13.64219 | 15.44671 | .0741222 | -.008185 | .5759061 | .3563630 | .6063018 |
| #3 | 13.70403 | 15.58653 | .0761516 | -.007711 | .6828626 | .3589541 | .6102221 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.586051 | 3.039136 | .0603771 | .0070375 | 2.816880 | 2.218684 | .0121568 |
| Stddev | .021927  | .043120  | .0015085 | .0004495 | .051874  | .002290  | .0035091 |
| %RSD   | .3925237 | 1.418831 | 2.498447 | 6.386493 | 1.841529 | .1031923 | 28.86536 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.609671 | 3.044041 | .0604408 | .0065492 | 2.828156 | 2.217191 | .0096633 |
| #2 | 5.566346 | 2.993773 | .0588378 | .0071294 | 2.760295 | 2.217540 | .0161696 |
| #3 | 5.582136 | 3.079594 | .0618527 | .0074339 | 2.862188 | 2.221320 | .0106376 |

Sample Name: I1842-01      Acquired: 2/18/2017 16:35:23      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SQ7      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5716463 | .0603735 | .1101304 |
| Stddev | .0031839 | .0003683 | .0006867 |
| %RSD   | .5569628 | .6100900 | .6235397 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5684402 | .0607927 | .1101995 |
| #2 | .5716913 | .0601017 | .1094117 |
| #3 | .5748074 | .0602262 | .1107799 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 33.28633 | 1631.048 | 59524.24 | 9493.142 | 2099.566 |
| Stddev    | .45377   | 17.798   | 1080.28  | 21.971   | 28.263   |
| %RSD      | 1.363223 | 1.091186 | 1.814850 | .2314436 | 1.346159 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 33.64142 | 1631.277 | 59205.76 | 9501.074 | 2100.004 |
| #2 | 33.44246 | 1648.730 | 60727.96 | 9510.046 | 2127.608 |
| #3 | 32.77511 | 1613.137 | 58639.01 | 9468.306 | 2071.086 |

Sample Name: I1842-02      Acquired: 2/18/2017 16:39:25      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SQ7D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0986276 | .0014426 | 4.311782 | .0053812 | .0059505 | 91.84241 | 4.703427 |
| Stddev | .0034286 | .0034499 | .011157  | .0094278 | .0033378 | .80002   | .037098  |
| %RSD   | 3.476333 | 239.1466 | .2587507 | 175.1970 | 56.09309 | .8710764 | .7887461 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0947531 | .0051469 | 4.311187 | .0003084 | .0093709 | 91.95426 | 4.701621 |
| #2 | .0998605 | .0008596 | 4.300935 | .0162593 | .0057787 | 92.58061 | 4.741395 |
| #3 | .1012694 | -.001679 | 4.323224 | -.000424 | .0027019 | 90.99235 | 4.667265 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0077080 | .0065064 | 23.87858 | .1505693 | .1364635 | .1335733 | 171.9115 |
| Stddev | .0001393 | .0000703 | .20757   | .0035842 | .0006025 | .0016458 | 1.6580   |
| %RSD   | 1.807206 | 1.080939 | .8692727 | 2.380429 | .4415387 | 1.232142 | .9644760 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0077852 | .0064412 | 23.88099 | .1516893 | .1370202 | .1331595 | 171.6546 |
| #2 | .0077916 | .0065810 | 24.08493 | .1534599 | .1365465 | .1353866 | 173.6831 |
| #3 | .0075472 | .0064972 | 23.66981 | .1465589 | .1358238 | .1321739 | 170.3970 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.75408 | 15.68026 | .0754552 | -.007839 | .6107804 | .3542876 | .6186549 |
| Stddev | .12485   | .17528   | .0005409 | .000361  | .0867202 | .0032909 | .0274639 |
| %RSD   | .9077213 | 1.117846 | .7168270 | 4.602103 | 14.19826 | .9288690 | 4.439284 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.72787 | 15.61651 | .0760022 | -.007491 | .5396343 | .3545806 | .5882430 |
| #2 | 13.88996 | 15.87850 | .0749207 | -.008211 | .7073785 | .3574222 | .6416455 |
| #3 | 13.64442 | 15.54578 | .0754426 | -.007815 | .5853283 | .3508600 | .6260763 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.646642 | 3.038127 | .0592589 | .0073126 | 2.828590 | 2.221329 | .0129752 |
| Stddev | .077436  | .015730  | .0013061 | .0007492 | .013598  | .025431  | .0027702 |
| %RSD   | 1.371372 | .5177566 | 2.203969 | 10.24550 | .4807422 | 1.144866 | 21.34997 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.583520 | 3.032366 | .0596407 | .0066049 | 2.818596 | 2.238939 | .0097897 |
| #2 | 5.733049 | 3.026089 | .0603316 | .0080973 | 2.823099 | 2.232874 | .0143158 |
| #3 | 5.623356 | 3.055925 | .0578046 | .0072357 | 2.844076 | 2.192173 | .0148200 |

Sample Name: I1842-02      Acquired: 2/18/2017 16:39:25      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SQ7D      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5760145 | .0614770 | .1110257 |
| Stddev | .0035570 | .0006710 | .0008567 |
| %RSD   | .6175124 | 1.091524 | .7716300 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5739775 | .0618462 | .1113163 |
| #2 | .5801217 | .0618823 | .1116994 |
| #3 | .5739443 | .0607024 | .1100615 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 32.17373 | 1629.130 | 59675.47 | 9454.814 | 2103.375 |
| Stddev    | .91214   | 10.092   | 1042.26  | 61.158   | 10.370   |
| %RSD      | 2.835040 | .6194428 | 1.746551 | .6468483 | .4930101 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 33.17180 | 1631.503 | 59528.89 | 9444.969 | 2101.187 |
| #2 | 31.38333 | 1637.823 | 58714.25 | 9399.175 | 2114.665 |
| #3 | 31.96605 | 1618.063 | 60783.26 | 9520.297 | 2094.274 |

Sample Name: I1842-03      Acquired: 2/18/2017 16:43:27      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SQ7S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1808600 | .1166958 | 4.578611 | .0941410 | .0514355 | 96.07855 | 8.546392 |
| Stddev | .0034662 | .0045155 | .031027  | .0054867 | .0023742 | 1.15279  | .139619  |
| %RSD   | 1.916529 | 3.869478 | .6776536 | 5.828145 | 4.615816 | 1.199838 | 1.633656 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1835173 | .1135225 | 4.587910 | .0957230 | .0536815 | 96.62733 | 8.558112 |
| #2 | .1769393 | .1146996 | 4.543998 | .0880371 | .0516739 | 96.85442 | 8.679781 |
| #3 | .1821234 | .1218654 | 4.603925 | .0986628 | .0489511 | 94.75390 | 8.401283 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0942577 | .1021953 | 23.58354 | .5313725 | 1.113317 | .6311506 | 174.0777 |
| Stddev | .0014853 | .0008727 | .33449   | .0025428 | .008160  | .0088879 | 2.3812   |
| %RSD   | 1.575733 | .8539924 | 1.418312 | .4785425 | .7329482 | 1.408202 | 1.367884 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0954577 | .1025238 | 23.72930 | .5339140 | 1.116236 | .6359524 | 175.4592 |
| #2 | .0947189 | .1012060 | 23.82041 | .5288283 | 1.104099 | .6366048 | 175.4458 |
| #3 | .0925966 | .1028561 | 23.20090 | .5313753 | 1.119617 | .6208947 | 171.3282 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.11369 | 15.44798 | 1.036279 | .0719612 | .5475809 | 1.351379 | 1.423490 |
| Stddev | .25633   | .14771   | .007897  | .0007905 | .1296662 | .011392  | .037975  |
| %RSD   | 1.497809 | .9561771 | .7620638 | 1.098522 | 23.67982 | .8429868 | 2.667751 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.22972 | 15.55419 | 1.035621 | .0720993 | .6089611 | 1.354518 | 1.379691 |
| #2 | 17.29150 | 15.51044 | 1.028732 | .0726735 | .3986213 | 1.360872 | 1.447224 |
| #3 | 16.81986 | 15.27930 | 1.044485 | .0711107 | .6351602 | 1.338747 | 1.443554 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.720620 | 3.021176 | .0620590 | .0074963 | 2.731876 | 2.683293 | .0140928 |
| Stddev | .072333  | .025008  | .0024335 | .0002864 | .018999  | .032172  | .0033424 |
| %RSD   | 1.264418 | .8277625 | 3.921338 | 3.820633 | .6954714 | 1.198962 | 23.71676 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.773643 | 3.025407 | .0642772 | .0071670 | 2.729582 | 2.701351 | .0105331 |
| #2 | 5.749995 | 2.994322 | .0624440 | .0076868 | 2.714127 | 2.702379 | .0145813 |
| #3 | 5.638221 | 3.043799 | .0594560 | .0076353 | 2.751918 | 2.646149 | .0171640 |

Sample Name: I1842-03      Acquired: 2/18/2017 16:43:27      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SQ7S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5519592 | .0588611 | .1088154 |
| Stddev | .0062986 | .0010280 | .0013660 |
| %RSD   | 1.141126 | 1.746426 | 1.255292 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5561523 | .0590346 | .1097362 |
| #2 | .5550089 | .0597912 | .1094641 |
| #3 | .5447163 | .0577574 | .1072460 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 33.04722 | 1626.063 | 58813.69 | 9536.832 | 2097.451 |
| Stddev    | .94357   | 5.953    | 117.10   | 110.260  | 12.733   |
| %RSD      | 2.855227 | .3661189 | .1991090 | 1.156152 | .6070603 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 34.02750 | 1630.020 | 58724.68 | 9475.862 | 2103.636 |
| #2 | 32.96892 | 1628.953 | 58770.03 | 9470.522 | 2105.910 |
| #3 | 32.14523 | 1619.217 | 58946.35 | 9664.112 | 2082.807 |

Sample Name: I1842-01LX5      Acquired: 2/18/2017 16:47:34      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9SQ7L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066784 | -.001335 | .8850345 | .0014350 | .0038058 | 20.07819 | 1.010497 |
| Stddev | .0034609 | .003130  | .0066380 | .0033676 | .0017356 | .06945   | .003365  |
| %RSD   | 51.82199 | 234.4405 | .7500215 | 234.6734 | 45.60316 | .3458851 | .3330315 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0100972 | .000958  | .8774673 | -.002450 | .0057997 | 20.00311 | 1.007704 |
| #2 | .0031770 | -.004901 | .8877620 | .003530  | .0026343 | 20.14012 | 1.014233 |
| #3 | .0067609 | -.000062 | .8898743 | .003225  | .0029835 | 20.09136 | 1.009554 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017717 | .0012973 | 5.283388 | .0341901 | .0267484 | .0326045 | 38.60234 |
| Stddev | .0000975 | .0001118 | .017415  | .0001584 | .0004182 | .0013849 | .16262   |
| %RSD   | 5.500748 | 8.616124 | .3296094 | .4631547 | 1.563302 | 4.247591 | .4212573 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016752 | .0012211 | 5.265796 | .0340077 | .0262657 | .0341672 | 38.42108 |
| #2 | .0018701 | .0012453 | 5.300620 | .0342694 | .0269789 | .0315291 | 38.73544 |
| #3 | .0017697 | .0014256 | 5.283747 | .0342931 | .0270007 | .0321173 | 38.65050 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.094588 | 3.436014 | .0155787 | -.001231 | .0027134 | .0782159 | .1234106 |
| Stddev | .008297  | .029107  | .0003686 | .000219  | .0471932 | .0034753 | .0117426 |
| %RSD   | .2680981 | .8471079 | 2.365807 | 17.80415 | 1739.253 | 4.443262 | 9.515045 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.087281 | 3.418274 | .0159594 | -.001062 | .0024606 | .0792309 | .1315181 |
| #2 | 3.103607 | 3.420161 | .0155532 | -.001478 | .0500325 | .0810707 | .1287691 |
| #3 | 3.092875 | 3.469605 | .0152235 | -.001151 | -.044353 | .0743460 | .1099447 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9849111 | .5906188 | .0088938 | .0004500 | .5469596 | .5142824 | .0061468 |
| Stddev | .0615948 | .0082710 | .0010426 | .0001911 | .0108015 | .0055116 | .0027552 |
| %RSD   | 6.253847 | 1.400400 | 11.72237 | 42.47872 | 1.974816 | 1.071715 | 44.82412 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.039631 | .5810880 | .0095384 | .0002428 | .5348042 | .5086055 | .0062245 |
| #2 | .996898  | .5959159 | .0094520 | .0006195 | .5506174 | .5146294 | .0088624 |
| #3 | .918204  | .5948525 | .0076910 | .0004875 | .5554572 | .5196124 | .0033535 |

Sample Name: I1842-01LX5      Acquired: 2/18/2017 16:47:34      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9SQ7L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1248765 | .0097134 | .0240303 |
| Stddev | .0011442 | .0009841 | .0000832 |
| %RSD   | .9162263 | 10.13095 | .3460344 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1241676 | .0087250 | .0239353 |
| #2 | .1261964 | .0097222 | .0240897 |
| #3 | .1242655 | .0106931 | .0240660 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 31.31368 | 1575.224 | 55316.29 | 8503.912 | 2279.625 |
| Stddev    | .69617   | 12.630   | 388.73   | 34.489   | 21.617   |
| %RSD      | 2.223227 | .8017705 | .7027422 | .4055628 | .9482908 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 31.90813 | 1589.543 | 54902.06 | 8520.455 | 2304.561 |
| #2 | 30.54781 | 1570.460 | 55673.14 | 8464.268 | 2268.123 |
| #3 | 31.48509 | 1565.670 | 55373.68 | 8527.012 | 2266.189 |

Sample Name: I1843-09      Acquired: 2/18/2017 16:51:45      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9ST5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0500367 | -.001128 | .2960319 | .0062599 | .0051915 | 50.61896 | .9735886 |
| Stddev | .0052906 | .005443  | .0064775 | .0060381 | .0011773 | .10014   | .0027124 |
| %RSD   | 10.57339 | 482.5227 | 2.188120 | 96.45737 | 22.67675 | .1978241 | .2785934 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0525920 | .003738  | .2905973 | -.000699 | .0048230 | 50.73307 | .9745467 |
| #2 | .0439535 | -.007007 | .2942987 | .010119  | .0042425 | 50.57807 | .9756919 |
| #3 | .0535646 | -.000115 | .3031997 | .009359  | .0065089 | 50.54574 | .9705272 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056686 | .0044033 | 13.44452 | .1165858 | .0587607 | .1055272 | 116.8524 |
| Stddev | .0001450 | .0001123 | .01592   | .0012325 | .0007007 | .0006015 | .1321    |
| %RSD   | 2.557428 | 2.550973 | .1183919 | 1.057124 | 1.192479 | .5699563 | .1130364 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0058297 | .0042886 | 13.45347 | .1173830 | .0588239 | .1057286 | 116.7505 |
| #2 | .0056273 | .0045131 | 13.45394 | .1172081 | .0580306 | .1060021 | 117.0016 |
| #3 | .0055487 | .0044081 | 13.42614 | .1151663 | .0594277 | .1048509 | 116.8050 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.223802 | 8.230464 | .0896348 | -.005115 | .2658339 | .1631948 | .5446203 |
| Stddev | .019297  | .078752  | .0014632 | .000059  | .1530288 | .0028302 | .0173576 |
| %RSD   | .3100589 | .9568368 | 1.632350 | 1.155200 | 57.56554 | 1.734214 | 3.187098 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.224760 | 8.308469 | .0894275 | -.005160 | .0960474 | .1600278 | .5428701 |
| #2 | 6.242603 | 8.150985 | .0882863 | -.005048 | .3083339 | .1654765 | .5282040 |
| #3 | 6.204044 | 8.231939 | .0911905 | -.005137 | .3931206 | .1640800 | .5627866 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.427915 | 1.741462 | .0396032 | -.000805 | .3949832 | 1.884750 | .0109731 |
| Stddev | .020321  | .024295  | .0012629 | .000216  | .0175349 | .008867  | .0008864 |
| %RSD   | .5928108 | 1.395118 | 3.188905 | 26.84336 | 4.439397 | .4704687 | 8.077515 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.405393 | 1.751390 | .0382414 | -.000572 | .4060926 | 1.891578 | .0104320 |
| #2 | 3.444877 | 1.713774 | .0407358 | -.000846 | .3747688 | 1.887945 | .0119960 |
| #3 | 3.433476 | 1.759221 | .0398324 | -.000998 | .4040883 | 1.874729 | .0104913 |

Sample Name: I1843-09      Acquired: 2/18/2017 16:51:45      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9ST5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3986188 | .0218820 | .0244852 |
| Stddev | .0004661 | .0006283 | .0001521 |
| %RSD   | .1169240 | 2.871465 | .6210025 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3982268 | .0214022 | .0246575 |
| #2 | .3991342 | .0225932 | .0243698 |
| #3 | .3984955 | .0216507 | .0244282 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 32.26549 | 1654.434 | 58248.49 | 9129.878 | 2184.081 |
| Stddev    | .69691   | 16.164   | 146.29   | 18.007   | 25.866   |
| %RSD      | 2.159915 | .9770146 | .2511421 | .1972292 | 1.184289 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 31.51671 | 1654.257 | 58089.09 | 9114.465 | 2190.331 |
| #2 | 32.89518 | 1670.687 | 58279.77 | 9125.500 | 2206.248 |
| #3 | 32.38459 | 1638.360 | 58376.60 | 9149.671 | 2155.662 |

Sample Name: I1843-10      Acquired: 2/18/2017 16:56:08      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9ST5D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0412901 | -.000914 | .3012388 | .0110912 | .0049462 | 50.90758 | .9761143 |
| Stddev | .0136951 | .001674  | .0065266 | .0086089 | .0002050 | .05341   | .0015400 |
| %RSD   | 33.16801 | 183.2476 | 2.166593 | 77.61855 | 4.144816 | .1049074 | .1577654 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0389249 | -.001528 | .2989409 | .0043345 | .0048774 | 50.96738 | .9768720 |
| #2 | .0289317 | -.002193 | .2961719 | .0207841 | .0047845 | 50.89072 | .9771287 |
| #3 | .0560138 | .000981  | .3086035 | .0081551 | .0051768 | 50.86464 | .9743423 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056018 | .0046336 | 13.47870 | .1181314 | .0595337 | .1049087 | 117.1071 |
| Stddev | .0000761 | .0002028 | .04079   | .0001575 | .0014961 | .0009925 | .2291    |
| %RSD   | 1.357856 | 4.376047 | .3026452 | .1333594 | 2.513115 | .9460447 | .1956545 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0056361 | .0044501 | 13.52511 | .1181375 | .0580824 | .1048141 | 117.3716 |
| #2 | .0055146 | .0045995 | 13.44852 | .1179709 | .0594478 | .1039669 | 116.9793 |
| #3 | .0056546 | .0048513 | 13.46247 | .1182858 | .0610710 | .1059451 | 116.9704 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.230630 | 8.210463 | .0908664 | -.005225 | .2191127 | .1664219 | .5343979 |
| Stddev | .019075  | .053092  | .0013845 | .000149  | .0250575 | .0031855 | .0426835 |
| %RSD   | .3061560 | .6466413 | 1.523614 | 2.857331 | 11.43590 | 1.914107 | 7.987214 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.252143 | 8.242755 | .0900319 | -.005394 | .1947899 | .1667592 | .5550902 |
| #2 | 6.215778 | 8.149187 | .0901027 | -.005112 | .2448454 | .1694254 | .5627912 |
| #3 | 6.223969 | 8.239446 | .0924645 | -.005168 | .2177027 | .1630812 | .4853122 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.437085 | 1.776457 | .0427570 | -.000199 | .4061872 | 1.895897 | .0116813 |
| Stddev | .029221  | .043172  | .0007237 | .000403  | .0165938 | .013519  | .0019231 |
| %RSD   | .8501620 | 2.430213 | 1.692474 | 202.5515 | 4.085260 | .7130850 | 16.46302 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.447127 | 1.736727 | .0428324 | .000230  | .3871384 | 1.905653 | .0123659 |
| #2 | 3.404167 | 1.770245 | .0419986 | -.000257 | .4139197 | 1.880465 | .0095096 |
| #3 | 3.459960 | 1.822398 | .0434399 | -.000570 | .4175035 | 1.901573 | .0131684 |

Sample Name: I1843-10      Acquired: 2/18/2017 16:56:08      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9ST5D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4015102 | .0224860 | .0244832 |
| Stddev | .0017842 | .0008036 | .0000442 |
| %RSD   | .4443707 | 3.573751 | .1803249 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4033807 | .0229005 | .0245313 |
| #2 | .4013228 | .0215598 | .0244445 |
| #3 | .3998271 | .0229977 | .0244738 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 32.13452 | 1633.360 | 58143.66 | 9104.675 | 2153.251 |
| Stddev    | 1.35214  | 29.894   | 171.16   | 38.311   | 44.113   |
| %RSD      | 4.207746 | 1.830217 | .2943822 | .4207812 | 2.048669 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 30.90590 | 1660.940 | 57949.44 | 9071.350 | 2194.290 |
| #2 | 31.91447 | 1637.547 | 58272.49 | 9146.533 | 2158.863 |
| #3 | 33.58318 | 1601.593 | 58209.06 | 9096.142 | 2106.601 |

Sample Name: I1843-11      Acquired: 2/18/2017 17:00:19      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9ST5S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1170635 | .1194756 | .3251312 | .0951845 | .0505861 | 58.92468 | 5.139577 |
| Stddev | .0035325 | .0003229 | .0037413 | .0048305 | .0016743 | .21533   | .009779  |
| %RSD   | 3.017616 | .2702626 | 1.150697 | 5.074838 | 3.309720 | .3654404 | .1902717 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1183132 | .1192806 | .3262583 | .0987430 | .0503029 | 58.69558 | 5.128294 |
| #2 | .1130760 | .1198483 | .3281793 | .0971248 | .0523839 | 58.95553 | 5.145611 |
| #3 | .1198013 | .1192978 | .3209559 | .0896856 | .0490715 | 59.12292 | 5.144825 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0989621 | .1025229 | 12.97069 | .5285872 | 1.034112 | .6184939 | 117.1509 |
| Stddev | .0009632 | .0004605 | .02057   | .0020026 | .004799  | .0011614 | .3348    |
| %RSD   | .9733080 | .4491469 | .1585929 | .3788683 | .4640856 | .1877758 | .2857785 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0980533 | .1024452 | 12.95030 | .5273538 | 1.033924 | .6177328 | 116.7643 |
| #2 | .0999718 | .1030173 | 12.97033 | .5275098 | 1.039002 | .6198306 | 117.3403 |
| #3 | .0988612 | .1021062 | 12.99144 | .5308979 | 1.029409 | .6179182 | 117.3480 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.027548 | 8.302668 | 1.069704 | .0763612 | .3213955 | 1.203154 | 1.493208 |
| Stddev | .024073  | .021713  | .006490  | .0005119 | .0361291 | .009064  | .027208  |
| %RSD   | .3425510 | .2615164 | .6067110 | .6703463 | 11.24132 | .7533616 | 1.822138 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.999998 | 8.279014 | 1.070163 | .0765706 | .2815304 | 1.192971 | 1.461806 |
| #2 | 7.038116 | 8.307296 | 1.075953 | .0757778 | .3306794 | 1.206151 | 1.508035 |
| #3 | 7.044529 | 8.321694 | 1.062997 | .0767352 | .3519767 | 1.210340 | 1.509781 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.931637 | 1.651109 | .0433941 | -.000728 | .3607152 | 2.754099 | .0098051 |
| Stddev | .054887  | .018381  | .0023645 | .000436  | .0080815 | .006607  | .0038522 |
| %RSD   | 1.396042 | 1.113264 | 5.448848 | 59.83656 | 2.240408 | .2399116 | 39.28754 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.990018 | 1.649143 | .0455689 | -.000598 | .3698530 | 2.756254 | .0083191 |
| #2 | 3.923810 | 1.670394 | .0408772 | -.000372 | .3545075 | 2.759360 | .0069172 |
| #3 | 3.881083 | 1.633789 | .0437361 | -.001214 | .3577851 | 2.746683 | .0141789 |

Sample Name: I1843-11      Acquired: 2/18/2017 17:00:19      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9ST5S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4278607 | .0241253 | .0261548 |
| Stddev | .0021218 | .0008897 | .0001779 |
| %RSD   | .4959132 | 3.687955 | .6801691 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4254575 | .0249688 | .0259509 |
| #2 | .4286491 | .0242115 | .0262782 |
| #3 | .4294754 | .0231956 | .0262353 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 31.04496 | 1641.781 | 58661.36 | 9156.781 | 2173.685 |
| Stddev    | .66780   | 10.502   | 252.82   | 25.819   | 12.035   |
| %RSD      | 2.151081 | .6396817 | .4309809 | .2819682 | .5536904 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 31.58926 | 1639.637 | 58502.70 | 9182.853 | 2167.543 |
| #2 | 31.24584 | 1632.517 | 58952.91 | 9131.222 | 2165.960 |
| #3 | 30.29977 | 1653.190 | 58528.48 | 9156.269 | 2187.552 |

Sample Name: I1843-09LX5      Acquired: 2/18/2017 17:04:21      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9ST5L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0052315 | .0025794 | .0588200 | .0040155 | .0031539 | 10.87030 | .2049559 |
| Stddev | .0061113 | .0065082 | .0016657 | .0050679 | .0012107 | .03022   | .0001074 |
| %RSD   | 116.8171 | 252.3126 | 2.831814 | 126.2087 | 38.38677 | .2780009 | .0524186 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011394 | -.004190 | .0569130 | .0087265 | .0023564 | 10.86679 | .2049010 |
| #2 | .0122563 | .003137  | .0595565 | .0046663 | .0025583 | 10.84198 | .2050797 |
| #3 | .0022986 | .008791  | .0599904 | -.001346 | .0045470 | 10.90212 | .2048871 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013096 | .0010146 | 2.890208 | .0256063 | .0112161 | .0248507 | 25.08165 |
| Stddev | .0000593 | .0002430 | .008068  | .0005452 | .0003215 | .0004462 | .07360   |
| %RSD   | 4.525925 | 23.94662 | .2791442 | 2.129031 | 2.866499 | 1.795568 | .2934221 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012667 | .0007359 | 2.887811 | .0258163 | .0114945 | .0247863 | 25.10256 |
| #2 | .0013772 | .0011256 | 2.883611 | .0260152 | .0112897 | .0244401 | 24.99986 |
| #3 | .0012849 | .0011822 | 2.899203 | .0249873 | .0108642 | .0253256 | 25.14252 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.339249 | 1.753413 | .0180092 | -.000926 | .0637844 | .0355734 | .1131815 |
| Stddev | .004893  | .003405  | .0001798 | .000264  | .0942183 | .0034874 | .0153654 |
| %RSD   | .3653762 | .1942159 | .9981068 | 28.51113 | 147.7138 | 9.803413 | 13.57589 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.339903 | 1.751038 | .0179788 | -.000883 | -.004817 | .0385916 | .1149056 |
| #2 | 1.334062 | 1.751888 | .0182023 | -.000686 | .024959  | .0317556 | .1276121 |
| #3 | 1.343783 | 1.757315 | .0178467 | -.001209 | .171211  | .0363730 | .0970267 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4411733 | .3506850 | .0029991 | -.000834 | .0712825 | .4083005 | .0050786 |
| Stddev | .0282736 | .0043060 | .0007920 | .000421  | .0097279 | .0039313 | .0040753 |
| %RSD   | 6.408738 | 1.227888 | 26.40694 | 50.50966 | 13.64698 | .9628445 | 80.24513 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4137223 | .3535140 | .0021648 | -.000617 | .0822585 | .4048274 | .0004168 |
| #2 | .4702034 | .3528116 | .0037406 | -.000566 | .0678630 | .4125685 | .0079653 |
| #3 | .4395942 | .3457294 | .0030921 | -.001320 | .0637261 | .4075058 | .0068536 |

Sample Name: I1843-09LX5      Acquired: 2/18/2017 17:04:21      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9ST5L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0866024 | .0020089 | .0051163 |
| Stddev | .0013670 | .0006133 | .0000457 |
| %RSD   | 1.578472 | 30.53090 | .8935448 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0881769 | .0013042 | .0050641 |
| #2 | .0859123 | .0023001 | .0051495 |
| #3 | .0857180 | .0024223 | .0051352 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 30.10417 | 1591.843 | 55931.13 | 8480.417 | 2323.982 |
| Stddev    | .26320   | 21.837   | 15.09    | 23.278   | 30.319   |
| %RSD      | .8743068 | 1.371829 | .0269846 | .2744953 | 1.304632 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 30.36000 | 1577.383 | 55947.75 | 8504.175 | 2304.697 |
| #2 | 30.11833 | 1581.183 | 55927.36 | 8479.425 | 2308.320 |
| #3 | 29.83417 | 1616.963 | 55918.27 | 8457.650 | 2358.929 |

Sample Name: PB96977BS      Acquired: 2/18/2017 17:08:28      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | .0148709 | .0567742 | .0153540 | .0760901 | .1247330 | .4265994 |
| Stddev | .0052914 | .0068756 | .0008626 | .0034245 | .0021975 | .0109188 |
| %RSD   | 35.58190 | 12.11037 | 5.618383 | 4.500560 | 1.761791 | 2.559505 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0144316 | .0572794 | .0161061 | .0792862 | .1262147 | .4263476 |
| #2 | .0203683 | .0633832 | .0144124 | .0724756 | .1222082 | .4376420 |
| #3 | .0098130 | .0496599 | .0155436 | .0765085 | .1257761 | .4158087 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .3696592 | .0107204 | .0111259 | F 3.766533 | .0231621 | .0938292 |
| Stddev | .0045365 | .0002107 | .0000530 | .041457    | .0001355 | .0006861 |
| %RSD   | 1.227216 | 1.965509 | .4762061 | 1.100660   | .5850695 | .7312277 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3650702 | .0105472 | .0111864 | 3.722610 | .0231387 | .0946093 |
| #2 | .3741413 | .0109550 | .0111035 | 3.804979 | .0233077 | .0933195 |
| #3 | .3697661 | .0106591 | .0110877 | 3.772011 | .0230398 | .0935588 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0568109 | .2297728 | .0343380 | F 3.562121 | .0775465 | .0198938 |
| Stddev | .0010828 | .0188102 | .0001555 | .067795    | .0003022 | .0000873 |
| %RSD   | 1.905981 | 8.186435 | .4528783 | 1.903221   | .3897238 | .4389949 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0580543 | .2494178 | .0342279 | 3.487646 | .0777989 | .0199666 |
| #2 | .0560754 | .2119266 | .0345159 | 3.578471 | .0772116 | .0199177 |
| #3 | .0563029 | .2279740 | .0342702 | 3.620246 | .0776290 | .0197970 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 10.20477 | .1149685 | .1070355 | 9.972163 | F .0374052 | F .0424083 |
| Stddev | .21205   | .0026943 | .0136991 | .165537  | .0115425   | .0014522   |
| %RSD   | 2.077930 | 2.343524 | 12.79860 | 1.659987 | 30.85809   | 3.424232   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.98649  | .1135301 | .1132502 | 9.813628 | .0248768 | .0413821 |
| #2 | 10.40998 | .1180767 | .1165256 | 10.14391 | .0397312 | .0440699 |
| #3 | 10.21783 | .1132986 | .0913306 | 9.95895  | .0476076 | .0417730 |

Sample Name: PB96977BS      Acquired: 2/18/2017 17:08:28      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | .0215527 | .1599881 | .4318011 | F .0179800 | .2186496 | .1087786 |
| Stddev | .0004781 | .0076879 | .0010212 | .0039013   | .0020736 | .0015183 |
| %RSD   | 2.218517 | 4.805265 | .2365059 | 21.69798   | .9483889 | 1.395746 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0212093 | .1530310 | .4307446 | .0193675 | .2164439 | .1070655 |
| #2 | .0213501 | .1586915 | .4327830 | .0209980 | .2205594 | .1099580 |
| #3 | .0220988 | .1682418 | .4318758 | .0135747 | .2189456 | .1093122 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2212908 |
| Stddev | .0033736 |
| %RSD   | 1.524513 |

|    |          |
|----|----------|
| #1 | .2177089 |
| #2 | .2244079 |
| #3 | .2217558 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 30.32518 | 1550.828 | 54407.46 | 8327.758 | 2295.876 |
| Stddev    | .41972   | 3.106    | 193.44   | 82.840   | 5.239    |
| %RSD      | 1.384073 | .2003016 | .3555400 | .9947426 | .2281941 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 29.89594 | 1548.250 | 54237.65 | 8419.680 | 2290.114 |
| #2 | 30.34491 | 1554.277 | 54366.68 | 8258.880 | 2300.354 |
| #3 | 30.73469 | 1549.957 | 54618.03 | 8304.714 | 2297.160 |

Sample Name: PB96978BL      Acquired: 2/18/2017 17:12:35      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | -.004858 | -.001376 | -.002356 | .0058872 | .0023777 | -.001849 | -.002247 |
| Stddev | .002508  | .003538  | .000876  | .0022062 | .0010537 | .003007  | .000314  |
| %RSD   | 51.62870 | 257.1617 | 37.20097 | 37.47463 | 44.31741 | 162.6420 | 13.95763 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002023 | .001045  | -.002579 | .0034040 | .0017733 | .001622  | -.001919 |
| #2 | -.006787 | .000263  | -.003099 | .0076215 | .0017654 | -.003513 | -.002279 |
| #3 | -.005764 | -.005436 | -.001389 | .0066360 | .0035944 | -.003656 | -.002544 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000639 | .0002276 | -.008455 | .0004182 | .0004108 | .0031332 | .0043385 |
| Stddev | .0000409 | .0000667 | .004090  | .0006533 | .0005559 | .0002865 | .0178895 |
| %RSD   | 63.98530 | 29.32525 | 48.37282 | 156.1998 | 135.3261 | 9.142320 | 412.3434 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000613 | .0002252 | -.013163 | .0000289 | .0000504 | .0034568 | .0247012 |
| #2 | .0001060 | .0002956 | -.005775 | .0000534 | .0010510 | .0029119 | -.008852 |
| #3 | .0000243 | .0001621 | -.006428 | .0011724 | .0001310 | .0030309 | -.002834 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002117 | -.012410 | .0008138 | .0004184 | -.076747 | -.000819 | .0012741 |
| Stddev | .0011769 | .016769  | .0000484 | .0002491 | .179562  | .000541  | .0094625 |
| %RSD   | 556.0373 | 135.1256 | 5.942849 | 59.53909 | 233.9671 | 66.04368 | 742.6948 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014272 | .006135  | .0008084 | .0004875 | -.252182 | -.001440 | -.000416 |
| #2 | -.000922 | -.026508 | .0008647 | .0001420 | .106675  | -.000570 | .011468  |
| #3 | .000130  | -.016858 | .0007684 | .0006256 | -.084732 | -.000448 | -.007230 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.376888 | .0082862 | -.006518 | -.001059 | -.015796 | -.006204 | .0031054 |
| Stddev | .053633  | .0066635 | .000371  | .000278  | .006826  | .001452  | .0013060 |
| %RSD   | 14.23059 | 80.41786 | 5.689811 | 26.20445 | 43.21611 | 23.40890 | 42.05552 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.387605 | .0063599 | -.006599 | -.001380 | -.015425 | -.005324 | .0021063 |
| #2 | -.424354 | .0157006 | -.006841 | -.000904 | -.009162 | -.007880 | .0026268 |
| #3 | -.318705 | .0027979 | -.006113 | -.000894 | -.022799 | -.005407 | .0045832 |

Sample Name: PB96978BL      Acquired: 2/18/2017 17:12:35      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | -.000196 | -.004310 | -.000027 |
| Stddev | .000921  | .000622  | .000045  |
| %RSD   | 470.3445 | 14.44085 | 166.9668 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000738 | -.004532 | -.000076 |
| #2 | .000868  | -.004790 | .000012  |
| #3 | -.000716 | -.003607 | -.000017 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 28.28833 | 1543.772 | 54529.32 | 8132.525 | 2344.308 |
| Stddev    | .64926   | 25.506   | 2411.20  | 37.145   | 36.881   |
| %RSD      | 2.295145 | 1.652160 | 4.421839 | .4567407 | 1.573221 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 28.15667 | 1544.163 | 57008.95 | 8175.225 | 2345.109 |
| #2 | 28.99333 | 1569.080 | 52192.94 | 8114.675 | 2380.782 |
| #3 | 27.71500 | 1518.073 | 54386.06 | 8107.675 | 2307.032 |

Sample Name: I1680-03A      Acquired: 2/18/2017 17:20:51      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA8A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.018735 | -.000601 | .0165842 | .0122275 | .0043030 | .3820680 | .0247298 |
| Stddev | .012445  | .005212  | .0019195 | .0073222 | .0044990 | .0086122 | .0005275 |
| %RSD   | 66.42697 | 867.7383 | 11.57438 | 59.88323 | 104.5544 | 2.254094 | 2.133195 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.013098 | .004623  | .0186468 | .0185081 | .0094390 | .3739810 | .0241217 |
| #2 | -.010105 | -.005801 | .0162557 | .0041851 | .0024112 | .3810995 | .0250024 |
| #3 | -.033001 | -.000624 | .0148501 | .0139894 | .0010588 | .3911235 | .0250652 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001835 | .0003528 | 284.3466 | .0025137 | -.001925 | .0029826 | 6.131830 |
| Stddev | .0000662 | .0000895 | 1.4038   | .0003888 | .000312  | .0025662 | .045107  |
| %RSD   | 36.07034 | 25.38162 | .4936994 | 15.46543 | 16.22925 | 86.03855 | .7356197 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001914 | .0003789 | 282.8565 | .0022980 | -.001650 | .0042854 | 6.079745 |
| #2 | .0001137 | .0002531 | 285.6444 | .0022806 | -.001860 | .0046361 | 6.157637 |
| #3 | .0002454 | .0004264 | 284.5389 | .0029625 | -.002265 | .0000264 | 6.158107 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.219315 | 13.27901 | .0020699 | -.000177 | 11.03373 | .1153744 | .0270248 |
| Stddev | .015287  | .15464   | .0004525 | .000402  | .03000   | .0036542 | .0063040 |
| %RSD   | .6887990 | 1.164527 | 21.86302 | 227.1926 | .2718536 | 3.167210 | 23.32684 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.206061 | 13.24660 | .0019898 | -.000009 | 11.04418 | .1130049 | .0246632 |
| #2 | 2.236038 | 13.44728 | .0025571 | .000114  | 11.05710 | .1135357 | .0222426 |
| #3 | 2.215845 | 13.14315 | .0016627 | -.000635 | 10.99991 | .1195827 | .0341687 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.219770 | .0281744 | .0102670 | -.000655 | 128.7018 | 6.637228 | .0015604 |
| Stddev | .068611  | .0131049 | .0008062 | .000466  | 3.2657   | .053838  | .0010808 |
| %RSD   | 1.314441 | 46.51351 | 7.852316 | 71.21562 | 2.537430 | .8111581 | 69.26380 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.146067 | .0333160 | .0095670 | -.000375 | 130.2385 | 6.578252 | .0014998 |
| #2 | 5.281788 | .0132784 | .0111485 | -.000397 | 124.9512 | 6.683743 | .0026702 |
| #3 | 5.231455 | .0379288 | .0100856 | -.001193 | 130.9158 | 6.649689 | .0005112 |

Sample Name: I1680-03A      Acquired: 2/18/2017 17:20:51      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MC0AA8A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0063152 | .0050813 | .7812133 |
| Stddev | .0048548 | .0007599 | .0029172 |
| %RSD   | 76.87541 | 14.95459 | .3734204 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0028891 | .0046711 | .7779889 |
| #2 | .0041856 | .0046146 | .7836695 |
| #3 | .0118709 | .0059581 | .7819816 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 28.94702 | 1438.294 | 51045.50 | 8115.923 | 2029.433 |
| Stddev    | 1.00471  | 34.219   | 180.32   | 67.536   | 49.754   |
| %RSD      | 3.470873 | 2.379149 | .3532623 | .8321394 | 2.451645 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 28.66225 | 1424.720 | 51211.42 | 8192.386 | 2008.789 |
| #2 | 28.11544 | 1477.217 | 51071.50 | 8064.421 | 2086.186 |
| #3 | 30.06339 | 1412.944 | 50853.59 | 8090.961 | 1993.324 |

Sample Name: PB96978BS      Acquired: 2/18/2017 17:29:01      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | .0206793 | .0581477 | .0164194 | .0823910 | .1290065 | .4458681 |
| Stddev | .0017311 | .0034648 | .0012862 | .0147085 | .0056047 | .0038941 |
| %RSD   | 8.371282 | 5.958604 | 7.833610 | 17.85201 | 4.344537 | .8733868 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0215828 | .0553367 | .0179027 | .0919860 | .1346501 | .4413720 |
| #2 | .0186833 | .0620186 | .0157430 | .0897300 | .1289280 | .4480578 |
| #3 | .0217718 | .0570877 | .0156126 | .0654572 | .1234415 | .4481745 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .3729322 | .0112939 | .0117337 | F 2.715192 | .0237735 | .0970365 |
| Stddev | .0008105 | .0001577 | .0001484 | .010012    | .0004387 | .0020712 |
| %RSD   | .2173291 | 1.396132 | 1.264815 | .3687363   | 1.845203 | 2.134435 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3721300 | .0111743 | .0116869 | 2.704647 | .0238365 | .0993572 |
| #2 | .3737508 | .0114726 | .0118999 | 2.724568 | .0241772 | .0963766 |
| #3 | .3729159 | .0112349 | .0116144 | 2.716362 | .0233067 | .0953757 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0612939 | .2331545 | .0359657 | F 2.555154 | .0812054 | .0208604 |
| Stddev | .0011833 | .0112683 | .0007863 | .019522    | .0015877 | .0006383 |
| %RSD   | 1.930602 | 4.832963 | 2.186234 | .7640290   | 1.955183 | 3.059921 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0619785 | .2265829 | .0353589 | 2.537674 | .0829628 | .0210760 |
| #2 | .0619758 | .2267148 | .0368540 | 2.551569 | .0807789 | .0213630 |
| #3 | .0599275 | .2461657 | .0356842 | 2.576221 | .0798745 | .0201422 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 10.52103 | .1225409 | .1076031 | 10.55945 | F .0410892 | F .0510468 |
| Stddev | .06720   | .0007078 | .0288319 | .02885   | .0031439   | .0021100   |
| %RSD   | .6386848 | .5776341 | 26.79468 | .2731974 | 7.651366   | 4.133519   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.46645 | .1230268 | .0942412 | 10.55686 | .0445678 | .0518805 |
| #2 | 10.50057 | .1228671 | .1406918 | 10.53198 | .0402492 | .0526126 |
| #3 | 10.59608 | .1217288 | .0878762 | 10.58950 | .0384507 | .0486473 |

Sample Name: PB96978BS      Acquired: 2/18/2017 17:29:01      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      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    | .0228582 | .1667295 | .5005011 | F .0195274 | .2303076 | .1134329 |
| Stddev | .0008000 | .0102281 | .0032892 | .0030030   | .0004850 | .0006856 |
| %RSD   | 3.500029 | 6.134538 | .6571808 | 15.37845   | .2105856 | .6043892 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0237528 | .1761048 | .4986053 | .0203320 | .2300655 | .1133166 |
| #2 | .0222114 | .1682622 | .5042991 | .0162041 | .2308660 | .1128129 |
| #3 | .0226103 | .1558216 | .4985988 | .0220462 | .2299914 | .1141692 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2315791 |
| Stddev | .0004091 |
| %RSD   | .1766368 |

|    |          |
|----|----------|
| #1 | .2314766 |
| #2 | .2320296 |
| #3 | .2312310 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 28.20001 | 1495.003 | 52301.61 | 7917.458 | 2211.653 |
| Stddev    | 1.29190  | 19.582   | 335.46   | 20.748   | 27.545   |
| %RSD      | 4.581204 | 1.309856 | .6413957 | .2620595 | 1.245431 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 27.61489 | 1473.203 | 52370.71 | 7941.184 | 2181.008 |
| #2 | 29.68095 | 1500.703 | 51936.98 | 7902.711 | 2219.601 |
| #3 | 27.30421 | 1511.103 | 52597.13 | 7908.479 | 2234.350 |

Sample Name: CCV087      Acquired: 2/18/2017 17:33:06      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV087      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.013206 | 4.794994 | 23.97744 | 5.026182 | 5.034374 | 425.6077 | 10.26264 |
| Stddev | .011872  | .031905  | .10087   | .008911  | .014070  | 1.1327   | .08675   |
| %RSD   | .2368154 | .6653740 | .4206847 | .1772872 | .2794843 | .2661314 | .8452530 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.025460 | 4.829437 | 24.09321 | 5.016767 | 5.043509 | 425.9293 | 10.18385 |
| #2 | 5.001756 | 4.766452 | 23.90848 | 5.034484 | 5.018171 | 424.3490 | 10.24848 |
| #3 | 5.012403 | 4.789092 | 23.93062 | 5.027296 | 5.041442 | 426.5448 | 10.35560 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5021346 | 2.341419 | 396.3656 | 15.23964 | 2.411622 | 15.68983 | 395.9386 |
| Stddev | .0026993 | .009779  | .9225    | .02025   | .008419  | .03772   | 1.4028   |
| %RSD   | .5375735 | .4176321 | .2327438 | .1328594 | .3491090 | .2404370 | .3542981 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5043070 | 2.352563 | 395.7092 | 15.25761 | 2.421305 | 15.70265 | 394.9901 |
| #2 | .4991127 | 2.334271 | 395.9672 | 15.21770 | 2.406030 | 15.64736 | 395.2757 |
| #3 | .5029842 | 2.337424 | 397.4203 | 15.24361 | 2.407532 | 15.71947 | 397.5500 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.55431 | 391.2543 | 2.411488 | 1.226824 | 400.1914 | 2.582729 | 14.52620 |
| Stddev | .06410   | 1.2478   | .011444  | .001841  | 1.8069   | .003382  | .63131   |
| %RSD   | .4404212 | .3189307 | .4745809 | .1500259 | .4515149 | .1309563 | 4.346031 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.49291 | 390.9595 | 2.424548 | 1.226265 | 399.4939 | 2.582304 | 15.18341 |
| #2 | 14.54921 | 390.1803 | 2.403210 | 1.228879 | 398.8372 | 2.579579 | 14.47075 |
| #3 | 14.62081 | 392.6231 | 2.406707 | 1.225327 | 402.2431 | 2.586304 | 13.92445 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 157.5278 | 4.976004 | 4.795038 | 4.928334 | 5.047741 | 4.737906 | 4.783904 |
| Stddev | .4250    | .026981  | .004754  | .008791  | .037109  | .003036  | .023046  |
| %RSD   | .2697990 | .5422281 | .0991411 | .1783768 | .7351705 | .0640840 | .4817357 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 157.7721 | 4.990212 | 4.791031 | 4.938245 | 5.087657 | 4.736129 | 4.807453 |
| #2 | 157.0371 | 4.944888 | 4.800290 | 4.921477 | 5.014287 | 4.741412 | 4.761397 |
| #3 | 157.7743 | 4.992913 | 4.793792 | 4.925280 | 5.041279 | 4.736177 | 4.782863 |

Sample Name: CCV087      Acquired: 2/18/2017 17:33:06      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV087      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.169489 | 5.343649 | 5.196603 |
| Stddev | .005595  | .016207  | .009056  |
| %RSD   | .1082269 | .3033034 | .1742659 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.171563 | 5.341644 | 5.189409 |
| #2 | 5.173751 | 5.328538 | 5.206772 |
| #3 | 5.163153 | 5.360766 | 5.193628 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 25.68419 | 1273.957 | 46437.30 | 7730.970 | 1594.848 |
| Stddev    | 1.18330  | 3.400    | 81.38    | 16.740   | 6.149    |
| %RSD      | 4.607094 | .2668909 | .1752379 | .2165381 | .3855764 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 24.47148 | 1270.215 | 46466.78 | 7727.114 | 1588.197 |
| #2 | 25.74541 | 1276.858 | 46499.82 | 7749.302 | 1600.326 |
| #3 | 26.83569 | 1274.797 | 46345.29 | 7716.494 | 1596.022 |

Sample Name: CCB087      Acquired: 2/18/2017 17:37:15      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB087      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006340 | .0012052 | -.001030 | .0050301 | .0015916 | -.000885 | -.001393 |
| Stddev | .005729  | .0042212 | .001280  | .0053360 | .0046847 | .007452  | .000396  |
| %RSD   | 90.37493 | 350.2395 | 124.2343 | 106.0801 | 294.3497 | 841.8592 | 28.42803 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001020 | -.001027 | -.001760 | .0016073 | .0069868 | .006340  | -.001785 |
| #2 | -.012405 | -.001431 | -.001779 | .0023048 | -.000767 | -.008545 | -.001401 |
| #3 | -.005594 | .006074  | .000448  | .0111784 | -.001446 | -.000451 | -.000993 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001016 | .0002175 | .0118421 | .0000985 | -.000067 | .0029193 | .0125573 |
| Stddev | .0000403 | .0000778 | .0019677 | .0009104 | .000114  | .0012830 | .0139621 |
| %RSD   | 39.68756 | 35.75297 | 16.61648 | 924.2541 | 170.8282 | 43.95016 | 111.1866 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001298 | .0001729 | .0115401 | -.000198 | .000038  | .0042813 | .0125183 |
| #2 | .0000554 | .0003073 | .0100428 | -.000627 | -.000050 | .0027433 | .0265388 |
| #3 | .0001195 | .0001722 | .0139433 | .001120  | -.000189 | .0017334 | -.001385 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008698 | -.002783 | .0007922 | .0003962 | -.097508 | .0006641 | -.010953 |
| Stddev | .0003937 | .024051  | .0003260 | .0004725 | .022211  | .0025904 | .008896  |
| %RSD   | 45.26463 | 864.0711 | 41.15265 | 119.2580 | 22.77912 | 390.0552 | 81.22755 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004158 | -.000474 | .0010392 | .0007273 | -.084420 | .0036527 | -.002747 |
| #2 | .0011169 | -.027905 | .0009147 | -.000145 | -.123154 | -.000722 | -.009703 |
| #3 | .0010766 | .020029  | .0004227 | .000606  | -.084950 | -.000938 | -.020407 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.385827 | .0111437 | -.000985 | .0001628 | -.016343 | -.006510 | .0051390 |
| Stddev | .031780  | .0077363 | .001249  | .0005845 | .006694  | .001474  | .0004330 |
| %RSD   | 8.236922 | 69.42315 | 126.7475 | 358.9925 | 40.95738 | 22.64309 | 8.426626 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.392423 | .0091007 | .000212  | -.000380 | -.024048 | -.008212 | .0050154 |
| #2 | -.351266 | .0046339 | -.002279 | .000782  | -.013012 | -.005689 | .0047812 |
| #3 | -.413791 | .0196965 | -.000888 | .000087  | -.011968 | -.005629 | .0056204 |

Sample Name: CCB087      Acquired: 2/18/2017 17:37:15      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v786)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB087      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000096 | -.002563 | -.000087 |
| Stddev | .000856  | .000309  | .000034  |
| %RSD   | 889.0693 | 12.06747 | 38.99080 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001021 | -.002852 | -.000127 |
| #2 | .000063  | -.002237 | -.000067 |
| #3 | .000669  | -.002601 | -.000068 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 29.75194 | 1555.954 | 54477.33 | 8150.117 | 2369.688 |
| Stddev    | .79089   | 6.871    | 439.11   | 16.774   | 7.256    |
| %RSD      | 2.658267 | .4416253 | .8060427 | .2058126 | .3062048 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 28.95583 | 1548.020 | 54376.90 | 8142.050 | 2361.342 |
| #2 | 29.76250 | 1559.950 | 54097.14 | 8138.900 | 2374.504 |
| #3 | 30.53750 | 1559.893 | 54957.96 | 8169.400 | 2373.217 |