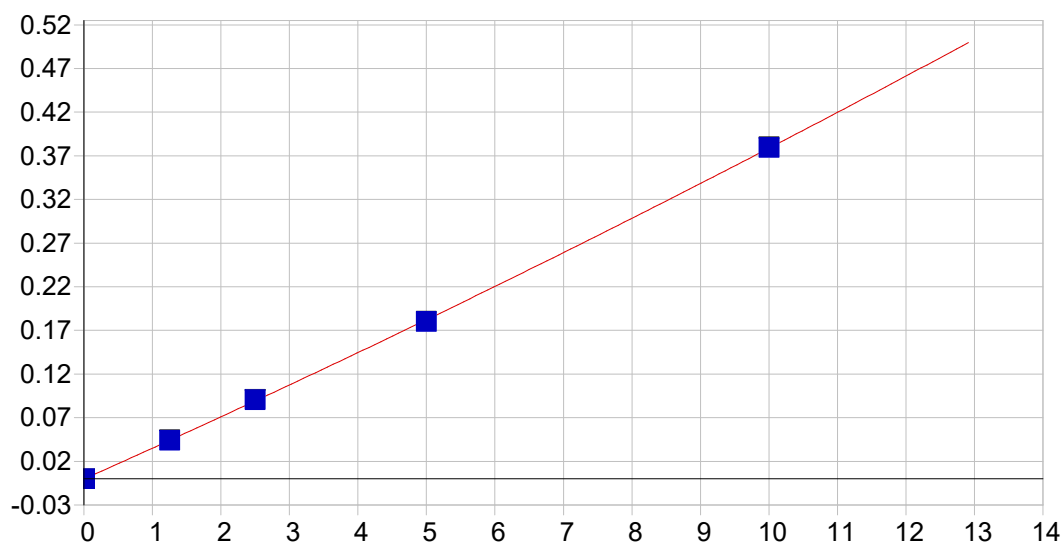


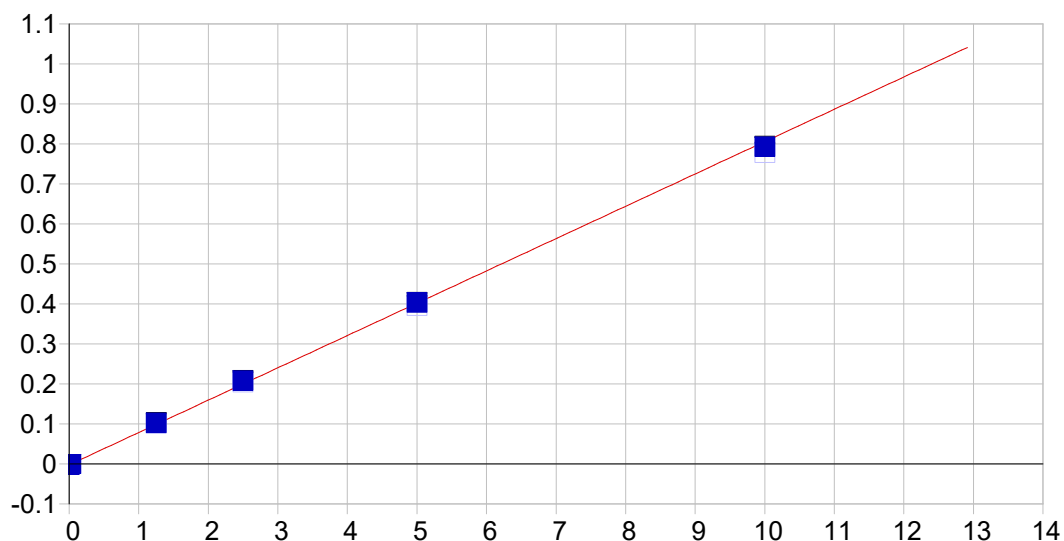


**As 189.042 {479}**

Date of Fit: 11/05/2020 13:31:54 Type of Fit: Curvilinear Weighting: 1/Conc

|                   |           |           |                            |
|-------------------|-----------|-----------|----------------------------|
| A0 (Offset):      | -0.000271 | Re-Slope: | 1.000000                   |
| A1 (Gain):        | 0.035064  | Y-int:    | 0.000000                   |
| A2 (Curvature):   | 0.000284  |           |                            |
| n (Exponent):     | 1.000000  |           |                            |
| Correlation:      | 0.999955  | Status:   | Warning Positive Curvature |
| Std Error of Est: | 0.000007  |           |                            |
| Predicted MDL:    | 0.006604  |           |                            |
| Predicted MQL:    | 0.022014  |           |                            |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00027 | .000    | 1        |
| S1        | .01000       | .00735      | -.003      | -26.5   | -.00001 | .000    | 1        |
| S2        | 1.2500       | 1.2541      | .004       | .326    | .04412  | .000    | 1        |
| S3        | 2.5000       | 2.5347      | .035       | 1.39    | .09038  | .001    | 1        |
| S4        | 5.0000       | 4.9480      | -.052      | -1.04   | .18007  | .000    | 1        |
| S5        | 10.000       | 10.016      | .016       | .159    | .37919  | .001    | 1        |

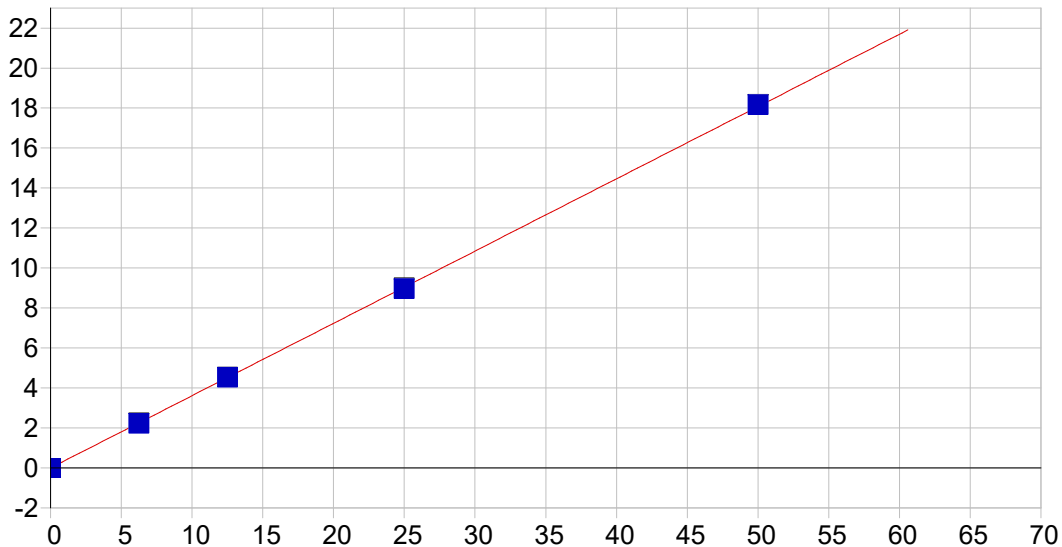


**TI 190.856 {477}**

Date of Fit: 11/05/2020 13:31:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002244 Re-Slope: 1.000000  
 A1 (Gain): 0.080795 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999763 Status: OK.  
 Std Error of Est: 0.000046  
 Predicted MDL: 0.004109  
 Predicted MQL: 0.013698

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00224 | .000    | 1        |
| S1        | .02500       | .02553      | .001       | 2.12    | -.00027 | .000    | 1        |
| S2        | 1.2500       | 1.2968      | .047       | 3.75    | .10067  | .000    | 1        |
| S3        | 2.5000       | 2.6016      | .102       | 4.06    | .20423  | .001    | 1        |
| S4        | 5.0000       | 5.0140      | .014       | .280    | .39542  | .001    | 1        |
| S5        | 10.000       | 9.8371      | -.163      | -1.63   | .77765  | .002    | 1        |

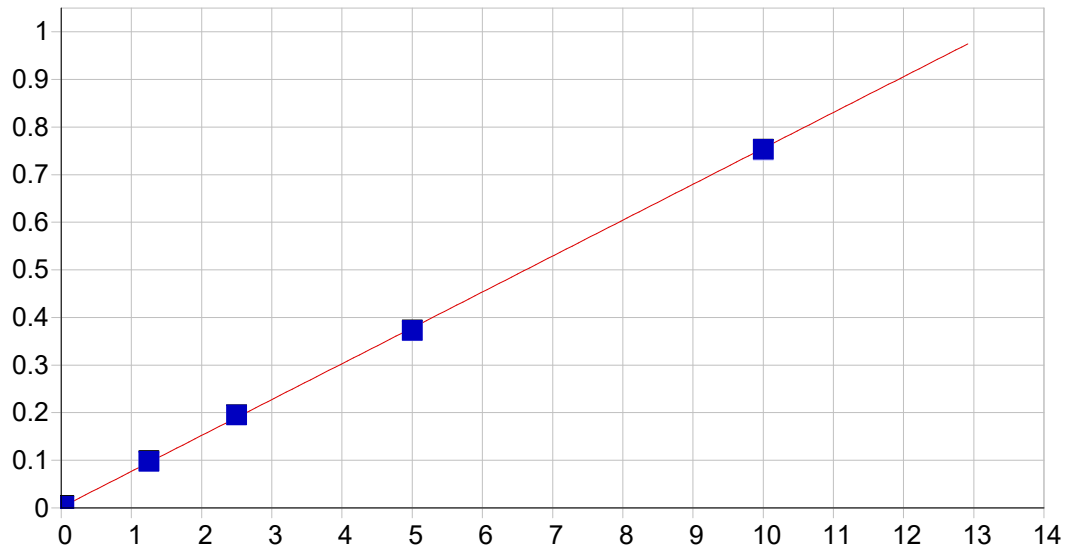


# **Pb 220.353 {453}**

Date of Fit: 11/05/2020 13:31:54      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000133 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.361523 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999976 | Status:   | OK.      |
| Std Error of Est: | 0.000093 |           |          |
| Predicted MDL:    | 0.002077 |           |          |
| Predicted MQL:    | 0.006924 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00013 | .000    | 1        |
| S1        | .01000       | .00936      | -.001      | -6.37   | .00352 | .000    | 1        |
| S2        | 6.2500       | 6.1667      | -.083      | -1.33   | 2.2293 | .004    | 1        |
| S3        | 12.500       | 12.525      | .025       | .204    | 4.5279 | .005    | 1        |
| S4        | 25.000       | 24.788      | -.212      | -.847   | 8.9607 | .028    | 1        |
| S5        | 50.000       | 50.270      | .270       | .540    | 18.172 | .014    | 1        |

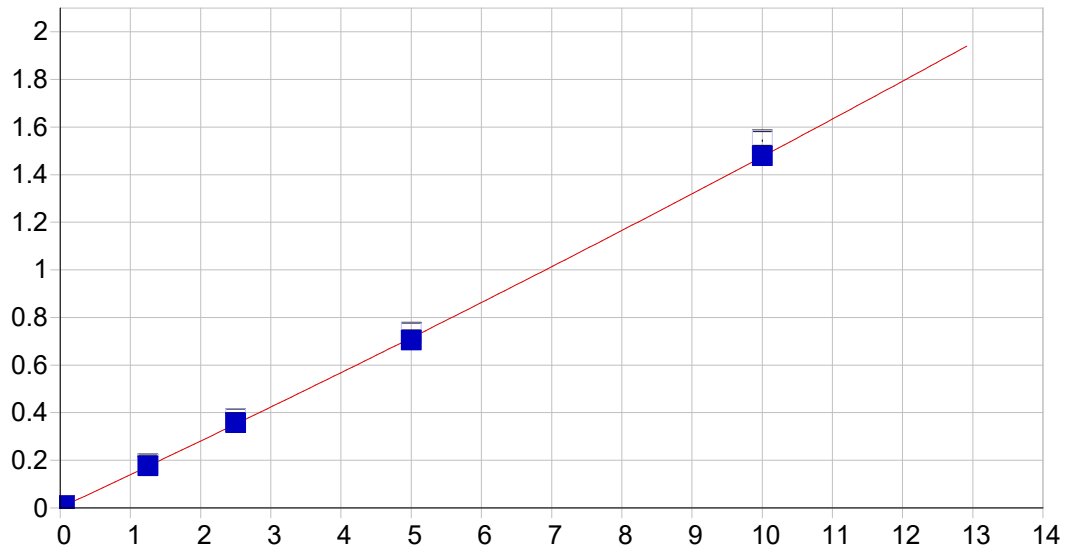


Se 196.090 {472}

Date of Fit: 11/05/2020 13:31:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001354 Re-Slope: 1.000000  
 A1 (Gain): 0.075381 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999896 Status: OK.  
 Std Error of Est: 0.000034  
 Predicted MDL: 0.004070  
 Predicted MQL: 0.013567

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00135 | .000    | 1        |
| S1        | .03500       | .03602      | .001       | 2.90    | .00407 | .000    | 1        |
| S2        | 1.2500       | 1.2777      | .028       | 2.22    | .09742 | .001    | 1        |
| S3        | 2.5000       | 2.5723      | .072       | 2.89    | .19476 | .000    | 1        |
| S4        | 5.0000       | 4.9266      | -.073      | -1.47   | .37174 | .001    | 1        |
| S5        | 10.000       | 9.9724      | -.028      | -.276   | .75110 | .000    | 1        |

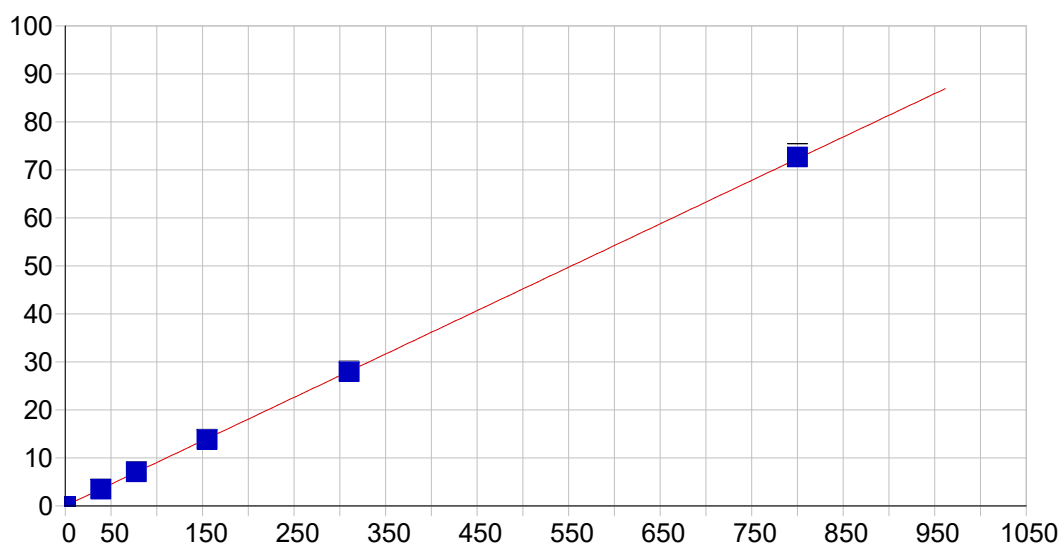


**Sb 206.833 {463}**

Date of Fit: 11/05/2020 13:31:54      Type of Fit: Curvilinear      Weighting: 1/Conc

|                   |          |           |                                 |
|-------------------|----------|-----------|---------------------------------|
| A0 (Offset):      | 0.001079 | Re-Slope: | 1.000000                        |
| A1 (Gain):        | 0.137984 | Y-int:    | 0.000000                        |
| A2 (Curvature):   | 0.000945 |           |                                 |
| n (Exponent):     | 1.000000 |           |                                 |
| Correlation:      | 0.999954 | Status:   | Warning      Positive Curvature |
| Std Error of Est: | 0.000069 |           |                                 |
| Predicted MDL:    | 0.002484 |           |                                 |
| Predicted MQL:    | 0.008279 |           |                                 |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00108 | .000    | 1        |
| S1        | .06000       | .06337      | .003       | 5.61    | .00983 | .000    | 1        |
| S2        | 1.2500       | 1.2569      | .007       | .553    | .18395 | .000    | 1        |
| S3        | 2.5000       | 2.5372      | .037       | 1.49    | .37314 | .001    | 1        |
| S4        | 5.0000       | 4.9284      | -.072      | -1.43   | .73583 | .002    | 1        |
| S5        | 10.000       | 10.024      | .024       | .244    | 1.5427 | .003    | 1        |

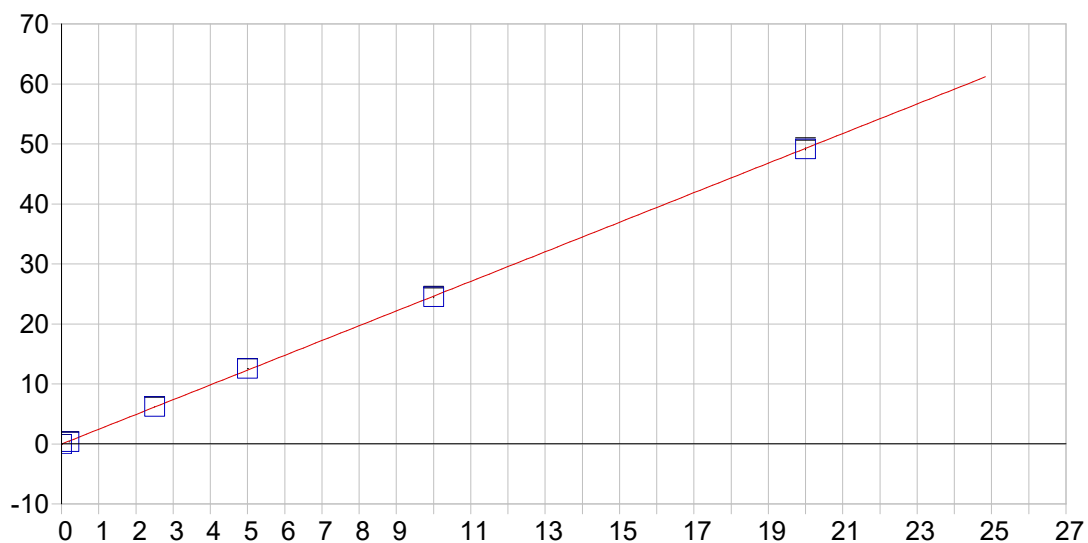


AI 396.152 { 85}

Date of Fit: 11/05/2020 13:31:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003792 Re-Slope: 1.000000  
 A1 (Gain): 0.090411 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999973 Status: OK.  
 Std Error of Est: 0.000413  
 Predicted MDL: 0.007517  
 Predicted MQL: 0.025058

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00379 | .000    | 1        |
| S1        | .20000       | .21346      | .013       | 6.73    | .02318 | .000    | 1        |
| S2        | 38.750       | 37.958      | -.792      | -2.04   | 3.4398 | .010    | 1        |
| S3        | 77.500       | 77.969      | .469       | .605    | 7.0614 | .007    | 1        |
| S4        | 155.00       | 152.66      | -2.34      | -1.51   | 13.823 | .046    | 1        |
| S5        | 310.00       | 309.03      | -.965      | -.311   | 27.978 | .112    | 1        |
| S6        | 800.00       | 803.62      | 3.62       | .452    | 72.669 | .712    | 1        |

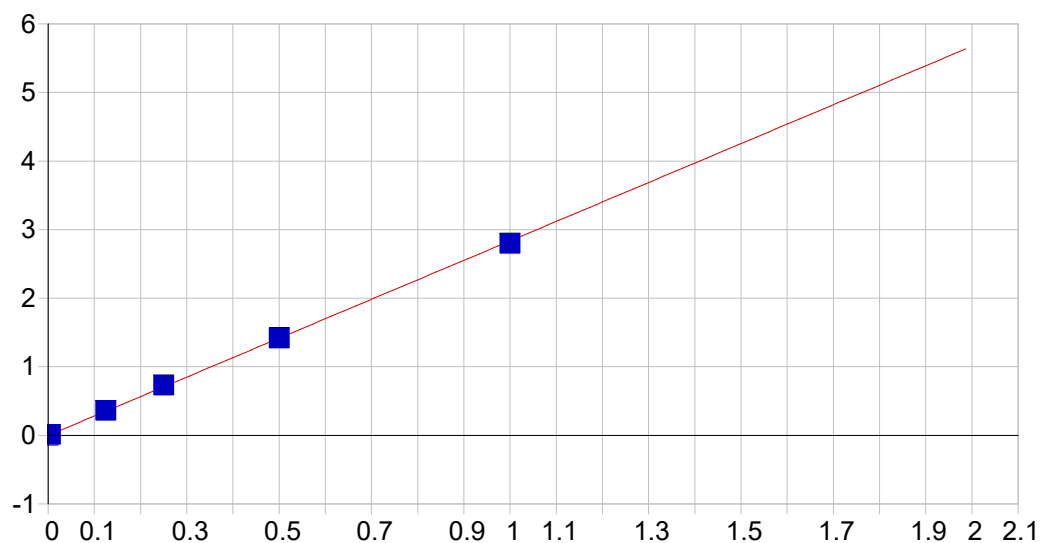


**Ba 493.409 { 68}**

Date of Fit: 11/05/2020 13:31:54      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.023485 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.464363  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999818  | Status:   | OK.      |
| Std Error of Est: | 0.005001  |           |          |
| Predicted MDL:    | 0.000715  |           |          |
| Predicted MQL:    | 0.002382  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00004      | .000       | .000    | -.02338 | .001    | 1        |
| S1        | .20000       | .15412      | -.046      | -22.9   | .35632  | .002    | 1        |
| S2        | 2.5000       | 2.5256      | .026       | 1.02    | 6.2004  | .014    | 1        |
| S3        | 5.0000       | 5.1138      | .114       | 2.28    | 12.579  | .006    | 1        |
| S4        | 10.000       | 9.9475      | -.052      | -.525   | 24.491  | .145    | 1        |
| S5        | 20.000       | 19.959      | -.041      | -.205   | 49.163  | .199    | 1        |

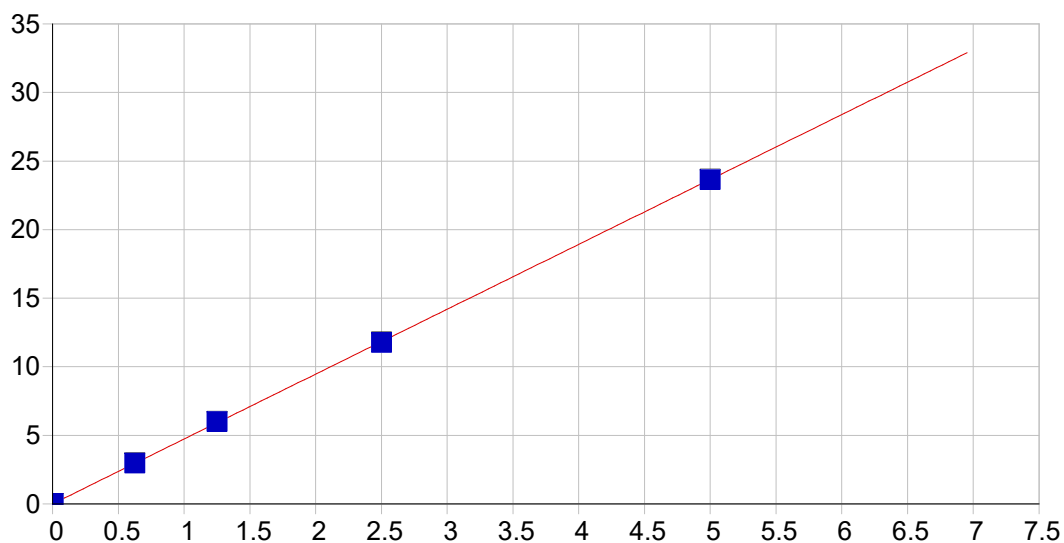


**Be 234.861 {144}**

Date of Fit: 11/05/2020 13:31:54      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001998 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.837553  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999851  | Status:   | OK.      |
| Std Error of Est: | 0.000183  |           |          |
| Predicted MDL:    | 0.000083  |           |          |
| Predicted MQL:    | 0.000276  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00200 | .000    | 1        |
| S1        | .00500       | .00525      | .000       | 5.09    | .01290  | .000    | 1        |
| S2        | .12500       | .12882      | .004       | 3.06    | .36237  | .000    | 1        |
| S3        | .25000       | .25816      | .008       | 3.26    | .72820  | .003    | 1        |
| S4        | .50000       | .50046      | .000       | .092    | 1.4134  | .010    | 1        |
| S5        | 1.0000       | .98730      | -.013      | -1.27   | 2.7901  | .006    | 1        |

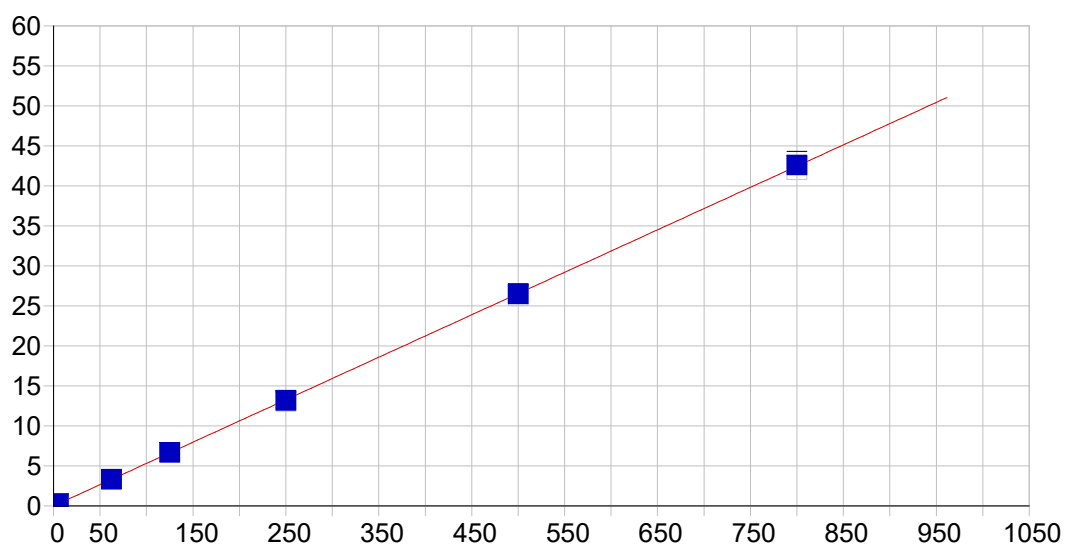


**Cd 214.438 {457}**

Date of Fit: 11/05/2020 13:31:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000189 Re-Slope: 1.000000  
 A1 (Gain): 4.731394 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999980 Status: OK.  
 Std Error of Est: 0.000248  
 Predicted MDL: 0.000111  
 Predicted MQL: 0.000371

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00019 | .000    | 1        |
| S1        | .00500       | .00514      | .000       | 2.83    | .02453 | .000    | 1        |
| S2        | .02500       | .02871      | .004       | .593    | 2.9794 | .004    | 1        |
| S3        | 0.12500      | 0.12670     | .017       | 1.36    | 6.0041 | .019    | 1        |
| S4        | 0.25000      | 0.24838     | -.016      | -.649   | 11.770 | .038    | 1        |
| S5        | 0.50000      | 0.49954     | -.005      | -.093   | 23.672 | .020    | 1        |

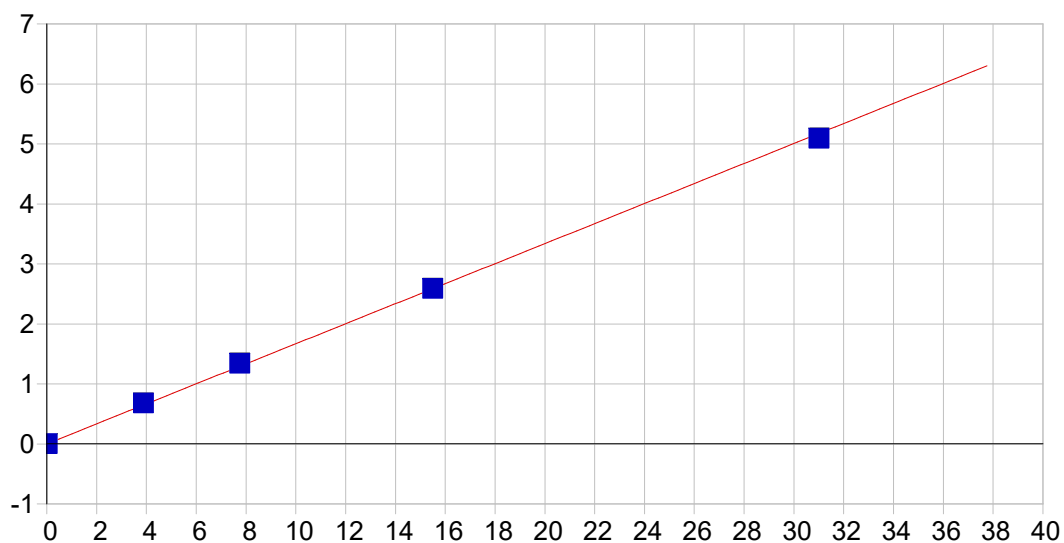


Ca 373.690 { 90}

Date of Fit: 11/05/2020 13:31:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000967 Re-Slope: 1.000000  
 A1 (Gain): 0.053093 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999985 Status: OK.  
 Std Error of Est: 0.000999  
 Predicted MDL: 0.010770  
 Predicted MQL: 0.035901

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00015     | -.000      | .000    | .00096 | .000    | 1        |
| S1        | 5.0000       | 5.1712      | .171       | 3.42    | .27544 | .001    | 1        |
| S2        | 62.500       | 62.236      | -.264      | -.422   | 3.2756 | .015    | 1        |
| S3        | 125.00       | 126.01      | 1.01       | .807    | 6.6318 | .005    | 1        |
| S4        | 250.00       | 247.59      | -2.41      | -.966   | 13.027 | .050    | 1        |
| S5        | 500.00       | 498.79      | -1.21      | -.241   | 26.246 | .042    | 1        |
| S6        | 800.00       | 802.72      | 2.72       | .340    | 41.986 | .480    | 1        |

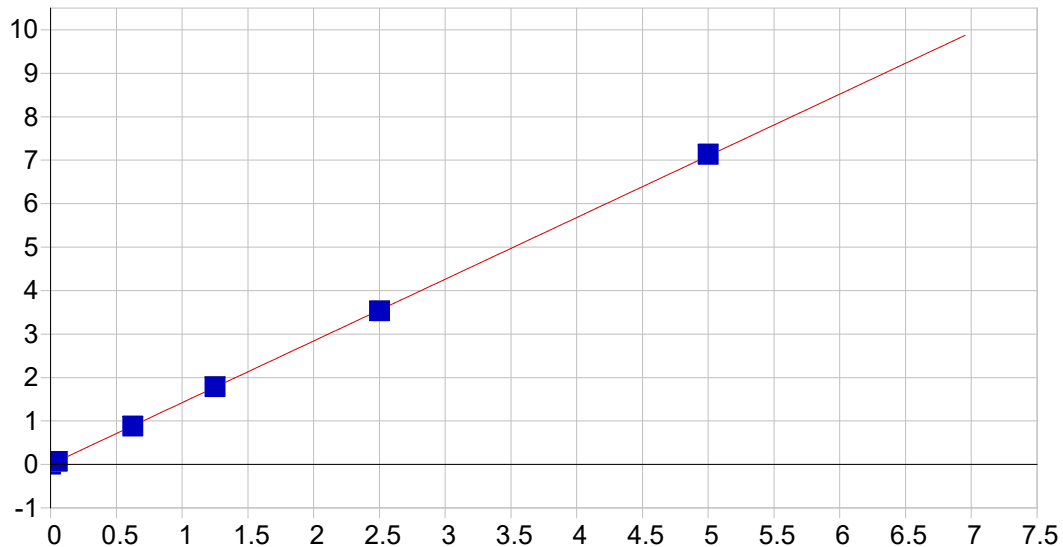


### Cr 267.716 {126}

Date of Fit: 11/05/2020 13:31:54      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000013 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.166897 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999762 | Status:   | OK.      |
| Std Error of Est: | 0.000108 |           |          |
| Predicted MDL:    | 0.000702 |           |          |
| Predicted MQL:    | 0.002339 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00001 | .000    | 1        |
| S1        | .01000       | .01114      | .001       | 11.4    | .00188 | .000    | 1        |
| S2        | 3.8750       | 4.0600      | .185       | 4.77    | .67842 | .001    | 1        |
| S3        | 7.7500       | 8.0452      | .295       | 3.81    | 1.3443 | .002    | 1        |
| S4        | 15.500       | 15.503      | .003       | .018    | 2.5906 | .004    | 1        |
| S5        | 31.000       | 30.516      | -.484      | -1.56   | 5.0995 | .004    | 1        |

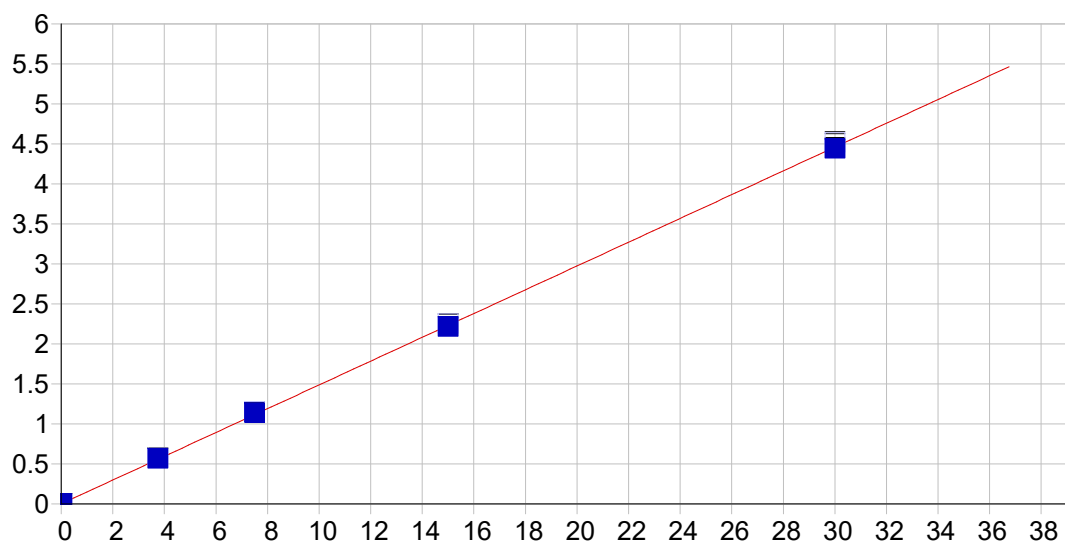


Co 228.616 {448}

Date of Fit: 11/05/2020 13:31:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000963 Re-Slope: 1.000000  
 A1 (Gain): 1.420693 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999985 Status: OK.  
 Std Error of Est: 0.000209  
 Predicted MDL: 0.000349  
 Predicted MQL: 0.001164

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00096 | .000    | 1        |
| S1        | .05000       | .05007      | .000       | .141    | .07042  | .000    | 1        |
| S2        | .62500       | .61684      | -.008      | -1.31   | .87679  | .002    | 1        |
| S3        | 1.2500       | 1.2549      | .005       | .393    | 1.7847  | .003    | 1        |
| S4        | 2.5000       | 2.4846      | -.015      | -.617   | 3.5345  | .008    | 1        |
| S5        | 5.0000       | 5.0186      | .019       | .372    | 7.1402  | .005    | 1        |

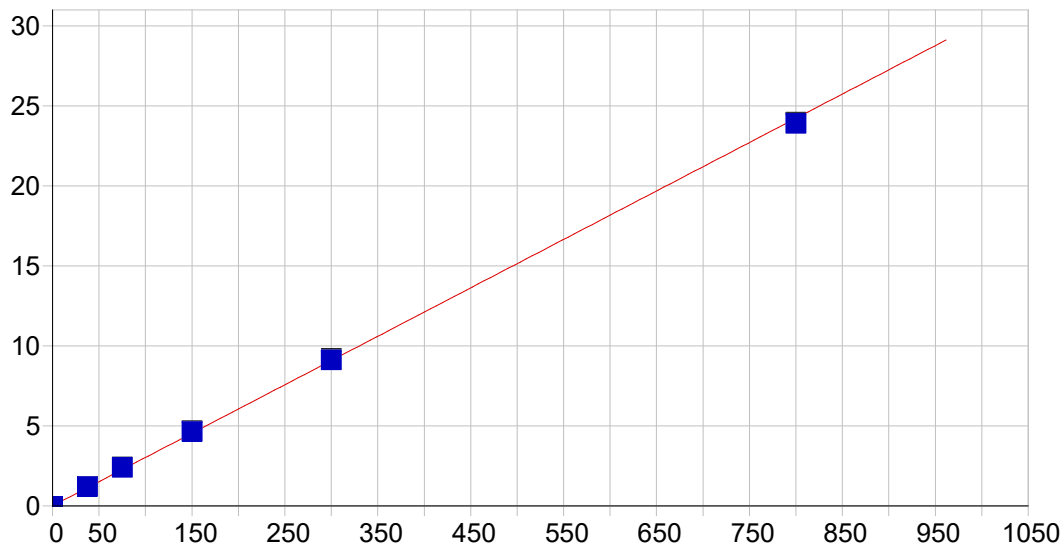


**Cu 324.754 {104}**

Date of Fit: 11/05/2020 13:31:54      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001256 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.148634 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999955 | Status:   | OK.      |
| Std Error of Est: | 0.000066 |           |          |
| Predicted MDL:    | 0.002255 |           |          |
| Predicted MQL:    | 0.007518 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00126 | .000    | 1        |
| S1        | .02500       | .02577      | .001       | 3.08    | .00583 | .000    | 1        |
| S2        | 3.7500       | 3.8108      | .061       | 1.62    | .57661 | .001    | 1        |
| S3        | 7.5000       | 7.6529      | .153       | 2.04    | 1.1566 | .001    | 1        |
| S4        | 15.000       | 14.896      | -.104      | -.694   | 2.2511 | .002    | 1        |
| S5        | 30.000       | 29.889      | -.111      | -.369   | 4.5154 | .012    | 1        |

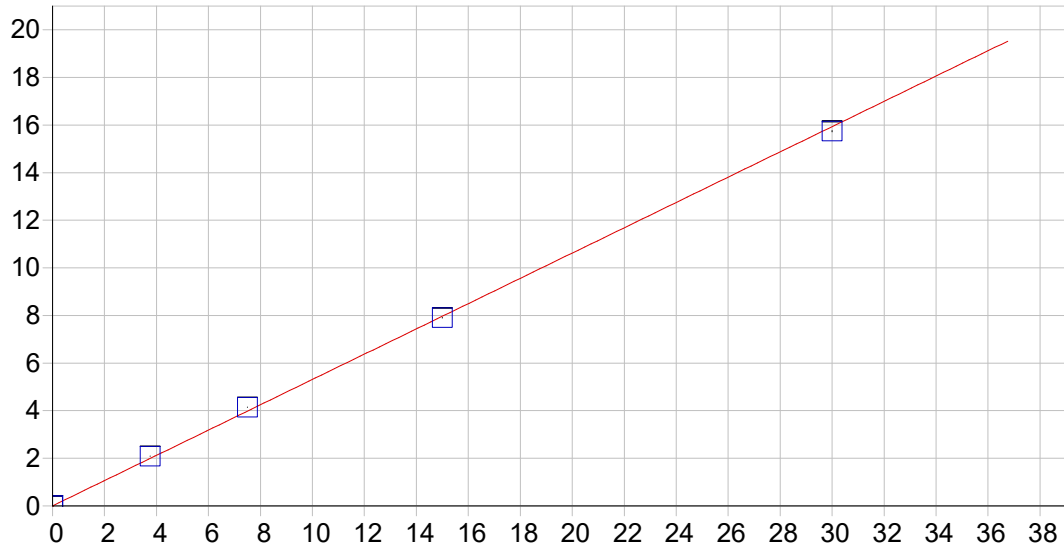


**Fe 259.837 {130}**

Date of Fit: 11/05/2020 13:31:54      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000389 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.030283 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999781 | Status:   | OK.      |
| Std Error of Est: | 0.000277 |           |          |
| Predicted MDL:    | 0.006223 |           |          |
| Predicted MQL:    | 0.020744 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00039 | .000    | 1        |
| S1        | .10000       | .10043      | .000       | .434    | .00344 | .000    | 1        |
| S2        | 37.500       | 39.606      | 2.11       | 5.62    | 1.2006 | .001    | 1        |
| S3        | 75.000       | 79.529      | 4.53       | 6.04    | 2.4104 | .007    | 1        |
| S4        | 150.00       | 153.03      | 3.03       | 2.02    | 4.6379 | .037    | 1        |
| S5        | 300.00       | 301.01      | 1.01       | .335    | 9.1225 | .074    | 1        |
| S6        | 800.00       | 789.33      | -10.7      | -1.33   | 23.915 | .057    | 1        |

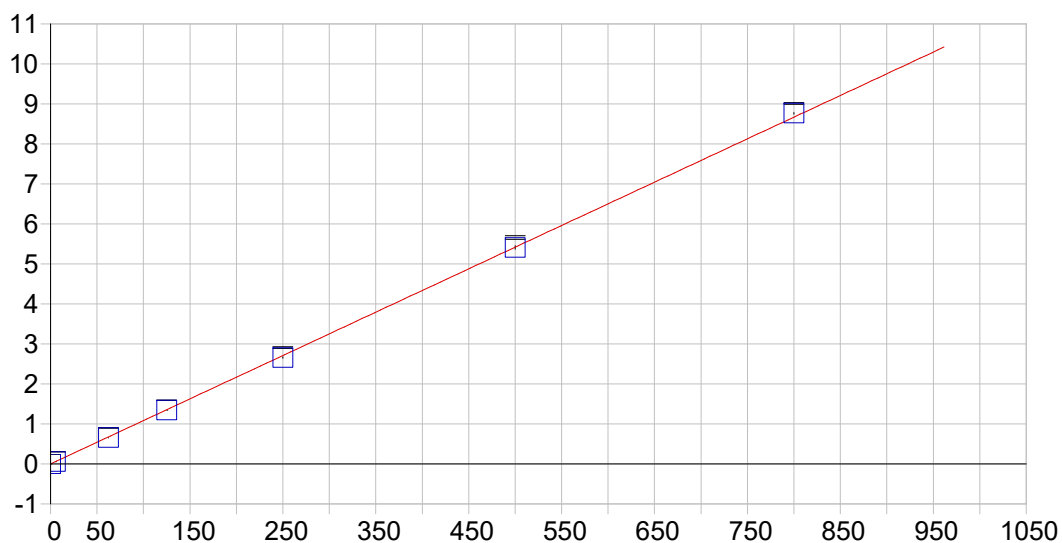


### Mn 257.610 {131}

Date of Fit: 11/05/2020 13:31:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000352 Re-Slope: 1.000000  
 A1 (Gain): 0.531176 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999764 Status: OK.  
 Std Error of Est: 0.000410  
 Predicted MDL: 0.000353  
 Predicted MQL: 0.001175

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00035 | .000    | 1        |
| S1        | .01500       | .01641      | .001       | 9.42    | .00907 | .000    | 1        |
| S2        | 3.7500       | 3.9284      | .178       | 4.76    | 2.0870 | .009    | 1        |
| S3        | 7.5000       | 7.8068      | .307       | 4.09    | 4.1471 | .006    | 1        |
| S4        | 15.000       | 14.873      | -.127      | -.848   | 7.9005 | .014    | 1        |
| S5        | 30.000       | 29.641      | -.359      | -1.20   | 15.745 | .027    | 1        |

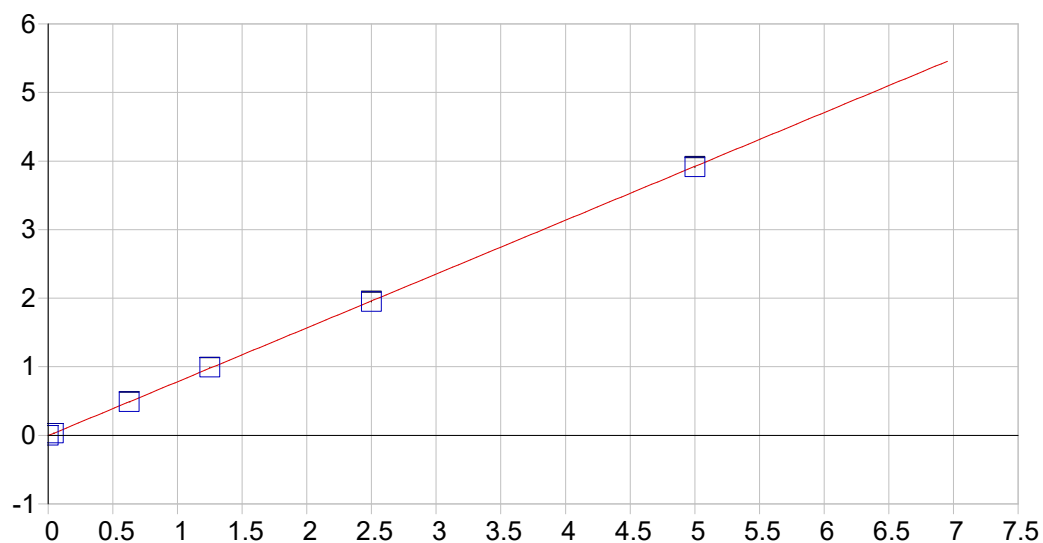


### Mg 279.079 {121}

Date of Fit: 11/05/2020 13:31:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000039 Re-Slope: 1.000000  
 A1 (Gain): 0.010837 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999920 Status: OK.  
 Std Error of Est: 0.000478  
 Predicted MDL: 0.020833  
 Predicted MQL: 0.069442

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00020      | .000       | .000    | .00004 | .000    | 1        |
| S1        | 5.0000       | 5.0669      | .067       | 1.34    | .05495 | .000    | 1        |
| S2        | 62.500       | 60.262      | -2.24      | -3.58   | .65308 | .002    | 1        |
| S3        | 125.00       | 123.98      | -1.02      | -.815   | 1.3436 | .002    | 1        |
| S4        | 250.00       | 245.24      | -4.76      | -1.91   | 2.6576 | .021    | 1        |
| S5        | 500.00       | 499.17      | -.832      | -.166   | 5.4094 | .045    | 1        |
| S6        | 800.00       | 808.79      | 8.79       | 1.10    | 8.7646 | .017    | 1        |

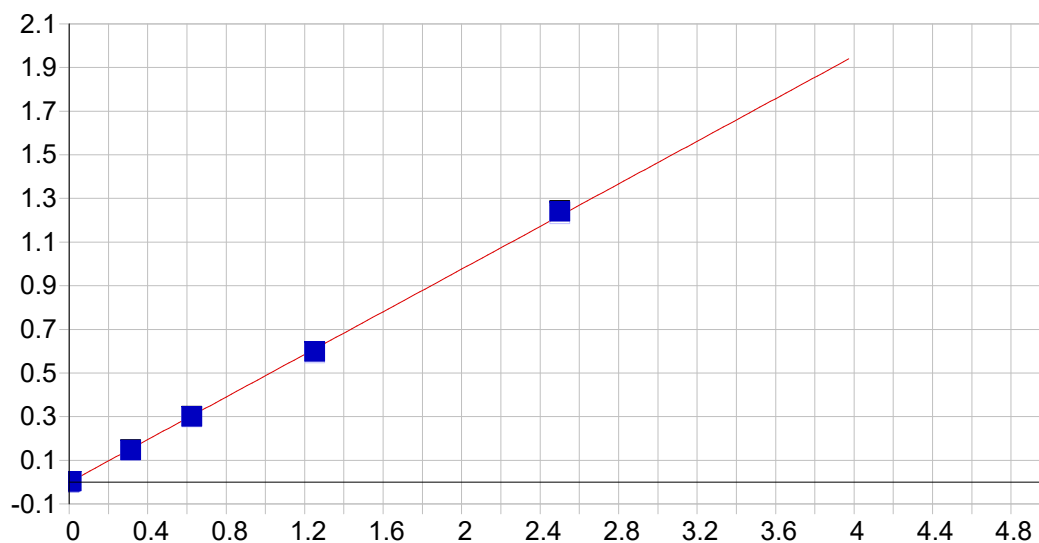


### Ni 231.604 {446}

Date of Fit: 11/05/2020 13:31:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003230 Re-Slope: 1.000000  
 A1 (Gain): 0.785042 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999976 Status: OK.  
 Std Error of Est: 0.000128  
 Predicted MDL: 0.000650  
 Predicted MQL: 0.002167

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00323 | .000    | 1        |
| S1        | .04000       | .04267      | .003       | 6.68    | .03027  | .000    | 1        |
| S2        | .62500       | .62676      | .002       | .282    | .48880  | .002    | 1        |
| S3        | 1.2500       | 1.2658      | .016       | 1.26    | .99048  | .004    | 1        |
| S4        | 2.5000       | 2.4895      | -.010      | -.420   | 1.9511  | .007    | 1        |
| S5        | 5.0000       | 4.9903      | -.010      | -.195   | 3.9143  | .008    | 1        |

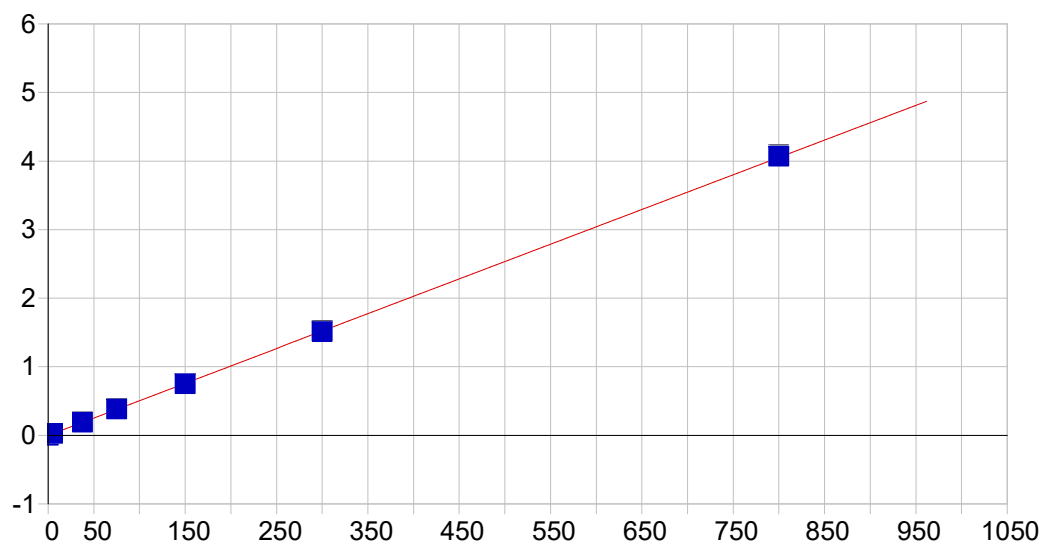


### Ag 328.068 {103}

Date of Fit: 11/05/2020 13:31:54      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000746 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.488376  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999818  | Status:   | OK.      |
| Std Error of Est: | 0.000077  |           |          |
| Predicted MDL:    | 0.000449  |           |          |
| Predicted MQL:    | 0.001498  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00075 | .000    | 1        |
| S1        | .01000       | .01051      | .001       | 5.10    | .00435  | .000    | 1        |
| S2        | .31250       | .30225      | -.010      | -3.28   | .14534  | .001    | 1        |
| S3        | .62500       | .61723      | -.008      | -1.24   | .29764  | .001    | 1        |
| S4        | 1.2500       | 1.2251      | -.025      | -1.99   | .59146  | .001    | 1        |
| S5        | 2.5000       | 2.5424      | .042       | 1.70    | 1.2287  | .004    | 1        |

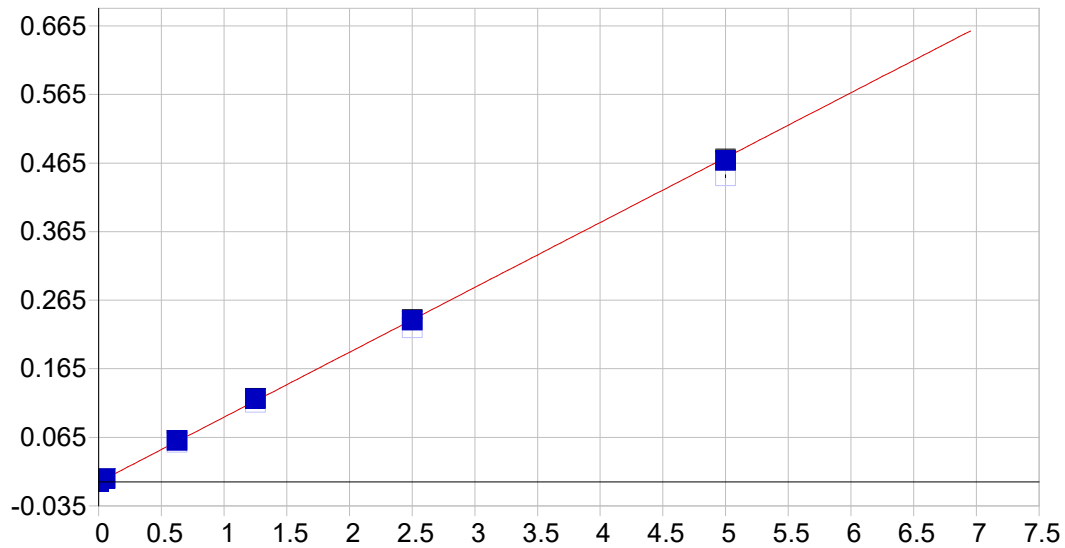


**Na 818.326 { 41}**

Date of Fit: 11/05/2020 13:31:54      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000141 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.005065 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999983 | Status:   | OK.      |
| Std Error of Est: | 0.000093 |           |          |
| Predicted MDL:    | 0.235066 |           |          |
| Predicted MQL:    | 0.783552 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00011      | .000       | .000    | .00014 | .001    | 1        |
| S1        | 5.0000       | 4.9357      | -.064      | -1.29   | .02514 | .000    | 1        |
| S2        | 37.500       | 37.380      | -.120      | -.319   | .19033 | .001    | 1        |
| S3        | 75.000       | 75.575      | .575       | .766    | .38464 | .001    | 1        |
| S4        | 150.00       | 148.21      | -1.79      | -1.19   | .75424 | .002    | 1        |
| S5        | 300.00       | 298.34      | -1.66      | -.554   | 1.5181 | .007    | 1        |
| S6        | 800.00       | 803.06      | 3.06       | .383    | 4.0859 | .006    | 1        |

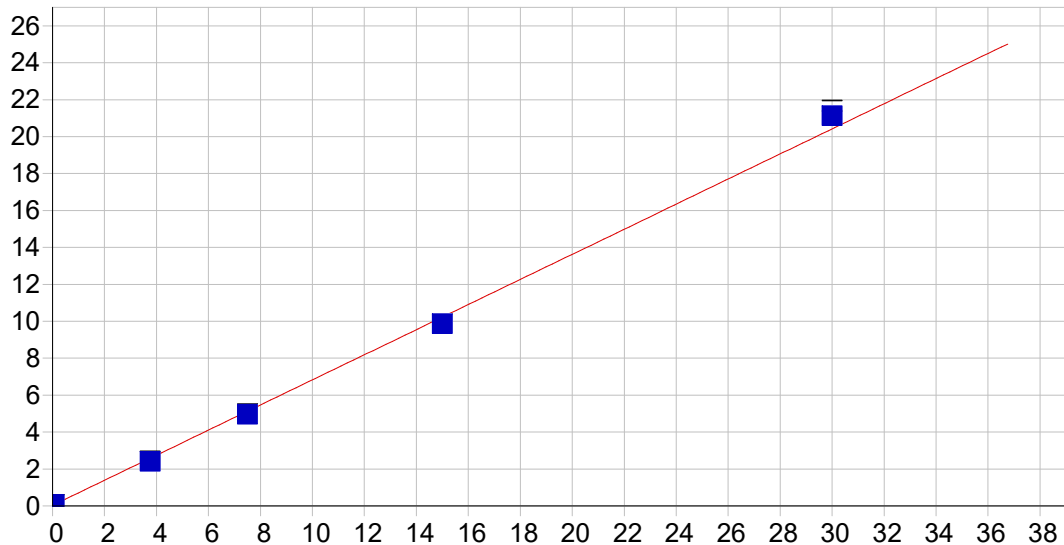


V 292.402 {115}

Date of Fit: 11/05/2020 13:31:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000185 Re-Slope: 1.000000  
 A1 (Gain): 0.094626 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999893 Status: OK.  
 Std Error of Est: 0.000035  
 Predicted MDL: 0.002571  
 Predicted MQL: 0.008570

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00019 | .000    | 1        |
| S1        | .05000       | .05288      | .003       | 5.76    | .00481  | .000    | 1        |
| S2        | .62500       | .63625      | .011       | 1.80    | .05719  | .000    | 1        |
| S3        | 1.2500       | 1.2863      | .036       | 2.90    | .11586  | .000    | 1        |
| S4        | 2.5000       | 2.4935      | -.007      | -.260   | .22442  | .001    | 1        |
| S5        | 5.0000       | 4.9560      | -.044      | -.881   | .44610  | .002    | 1        |

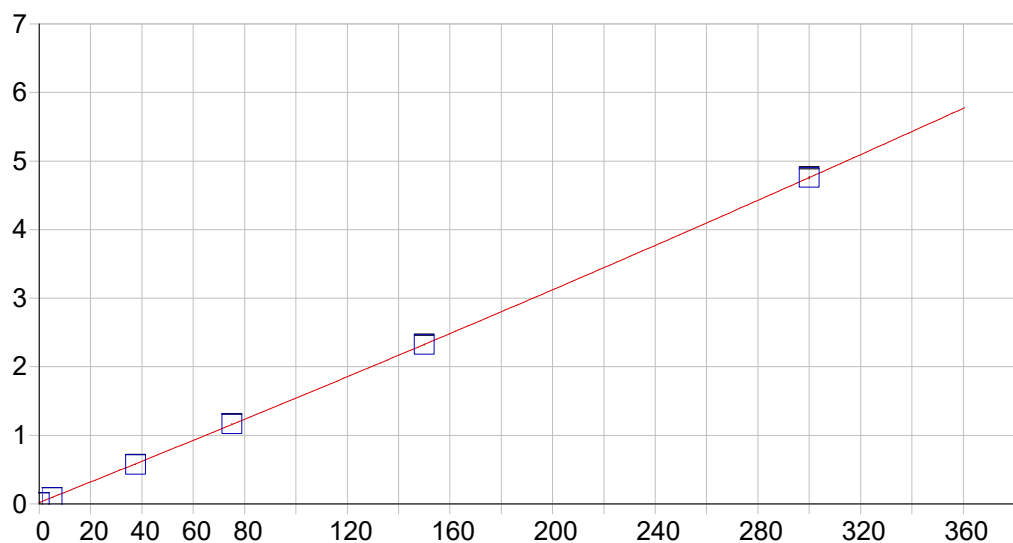


**Zn 213.856 {158}**

Date of Fit: 11/05/2020 13:31:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.028498 Re-Slope: 1.000000  
 A1 (Gain): 0.679779 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999309 Status: OK.  
 Std Error of Est: 0.001802  
 Predicted MDL: 0.001776  
 Predicted MQL: 0.005920

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .02850 | .002    | 1        |
| S1        | .06000       | .06265      | .003       | 4.42    | .07120 | .001    | 1        |
| S2        | 3.7500       | 3.5059      | -.244      | -6.51   | 2.4159 | .009    | 1        |
| S3        | 7.5000       | 7.2572      | -.243      | -3.24   | 4.9701 | .046    | 1        |
| S4        | 15.000       | 14.461      | -.539      | -3.59   | 9.8753 | .009    | 1        |
| S5        | 30.000       | 31.023      | 1.02       | 3.41    | 21.151 | .284    | 1        |

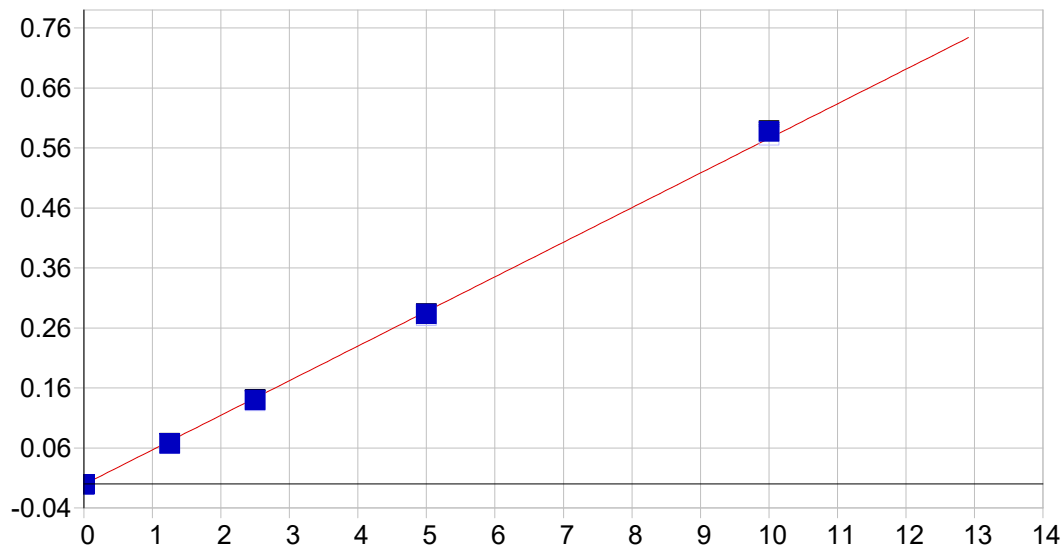


K 769.896 { 44}

Date of Fit: 11/05/2020 13:31:54 Type of Fit: Curvilinear Weighting: 1/Conc

|                   |          |           |                            |
|-------------------|----------|-----------|----------------------------|
| A0 (Offset):      | 0.020077 | Re-Slope: | 1.000000                   |
| A1 (Gain):        | 0.014942 | Y-int:    | 0.000000                   |
| A2 (Curvature):   | 0.000003 |           |                            |
| n (Exponent):     | 1.000000 |           |                            |
| Correlation:      | 0.999984 | Status:   | Warning Positive Curvature |
| Std Error of Est: | 0.000208 |           |                            |
| Predicted MDL:    | 0.064026 |           |                            |
| Predicted MQL:    | 0.213419 |           |                            |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00011      | .000       | .000    | .02008 | .001    | 1        |
| S1        | 5.0000       | 4.9189      | -.081      | -1.62   | .09364 | .000    | 1        |
| S2        | 37.500       | 36.918      | -.582      | -1.55   | .57560 | .001    | 1        |
| S3        | 75.000       | 75.790      | .790       | 1.05    | 1.1689 | .000    | 1        |
| S4        | 150.00       | 149.97      | -.025      | -.017   | 2.3252 | .010    | 1        |
| S5        | 300.00       | 299.90      | -.103      | -.034   | 4.7577 | .017    | 1        |

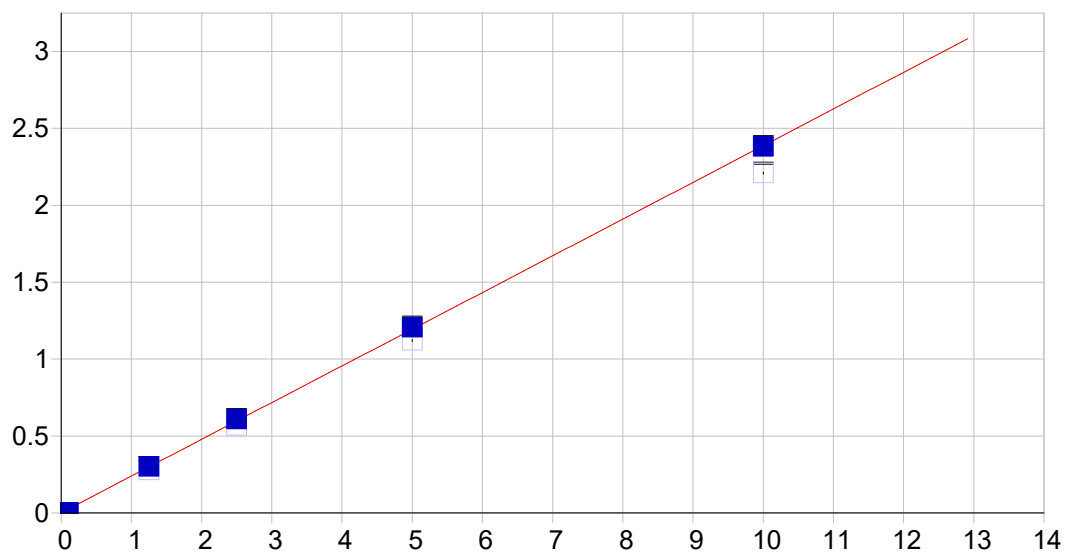


P 177.495 {490}

Date of Fit: 11/05/2020 13:31:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000952 Re-Slope: 1.000000  
 A1 (Gain): 0.057684 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999721 Status: OK.  
 Std Error of Est: 0.000023  
 Predicted MDL: 0.004722  
 Predicted MQL: 0.015740

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00095 | .000    | 1        |
| S1        | .01000       | .00880      | -.001      | -12.0   | -.00045 | .000    | 1        |
| S2        | 1.2500       | 1.1829      | -.067      | -5.36   | .06648  | .001    | 1        |
| S3        | 2.5000       | 2.4438      | -.056      | -2.25   | .13840  | .001    | 1        |
| S4        | 5.0000       | 4.9232      | -.077      | -1.54   | .27981  | .001    | 1        |
| S5        | 10.000       | 10.201      | .201       | 2.01    | .58104  | .001    | 1        |

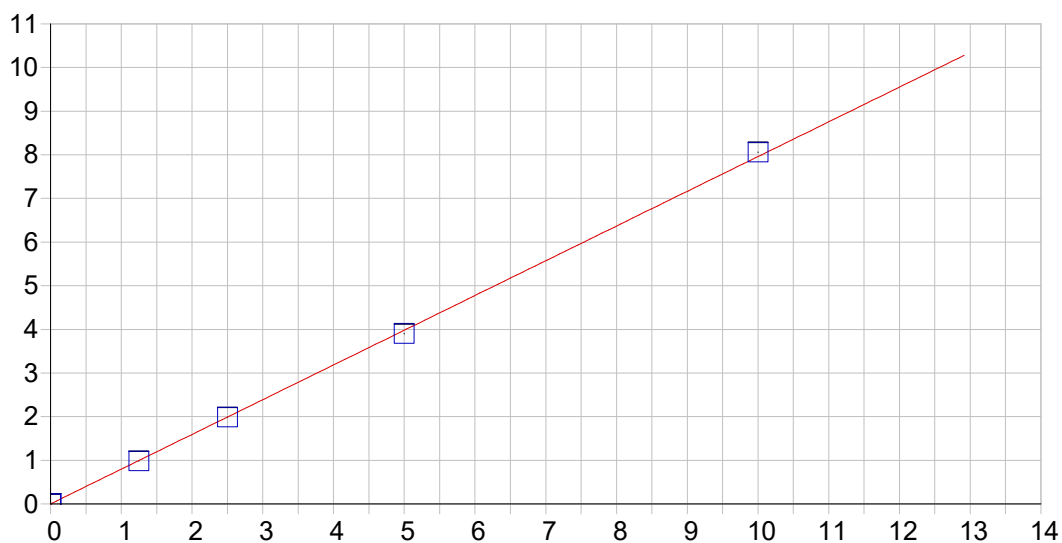


**B 249.678 {135}**

Date of Fit: 11/05/2020 13:31:54      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001108 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.238633 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.997424 | Status:   | OK.      |
| Std Error of Est: | 0.000846 |           |          |
| Predicted MDL:    | 0.001105 |           |          |
| Predicted MQL:    | 0.003682 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00009      | .000       | .000    | .00113 | .000    | 1        |
| S1        | .10000       | .00947      | -.091      | -90.5   | .00332 | .000    | 1        |
| S2        | 1.2500       | 1.2567      | .007       | .537    | .27935 | .000    | 1        |
| S3        | 2.5000       | 2.5543      | .054       | 2.17    | .56736 | .002    | 1        |
| S4        | 5.0000       | 5.0560      | .056       | 1.12    | 1.1210 | .007    | 1        |
| S5        | 10.000       | 9.9803      | -.020      | -.197   | 2.2096 | .006    | 1        |

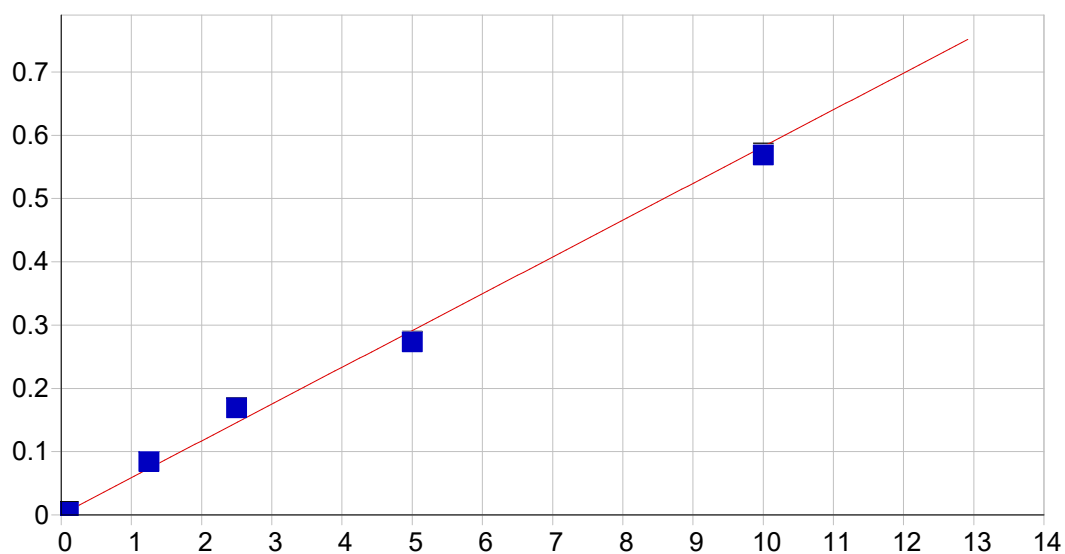


### Mo 202.030 {467}

Date of Fit: 11/05/2020 13:31:54      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000449 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.795953 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999897 | Status:   | OK.      |
| Std Error of Est: | 0.000192 |           |          |
| Predicted MDL:    | 0.000430 |           |          |
| Predicted MQL:    | 0.001434 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00045 | .000    | 1        |
| S1        | .01000       | .01084      | .001       | 8.40    | .00908 | .000    | 1        |
| S2        | 1.2500       | 1.2304      | -.020      | -1.57   | .97981 | .001    | 1        |
| S3        | 2.5000       | 2.4932      | -.007      | -.271   | 1.9849 | .005    | 1        |
| S4        | 5.0000       | 4.9014      | -.099      | -1.97   | 3.9018 | .008    | 1        |
| S5        | 10.000       | 10.124      | .124       | 1.24    | 8.0587 | .005    | 1        |

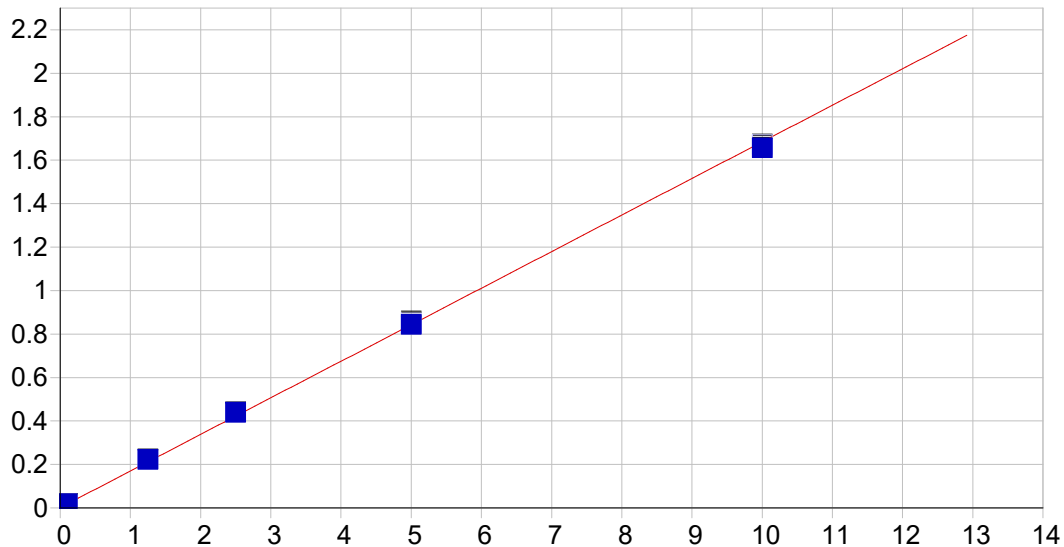


**S 182.034 {485}**

Date of Fit: 11/05/2020 13:31:54      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000672 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.058140 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.996761 | Status:   | OK.      |
| Std Error of Est: | 0.000250 |           |          |
| Predicted MDL:    | 0.004994 |           |          |
| Predicted MQL:    | 0.016648 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00067 | .000    | 1        |
| S1        | .10000       | .06946      | -.031      | -30.5   | .00471 | .000    | 1        |
| S2        | 1.2500       | 1.4348      | .185       | 14.8    | .08424 | .000    | 1        |
| S3        | 2.5000       | 2.8924      | .392       | 15.7    | .16914 | .000    | 1        |
| S4        | 5.0000       | 4.6879      | -.312      | -6.24   | .27384 | .001    | 1        |
| S5        | 10.000       | 9.7654      | -.235      | -2.35   | .56965 | .002    | 1        |

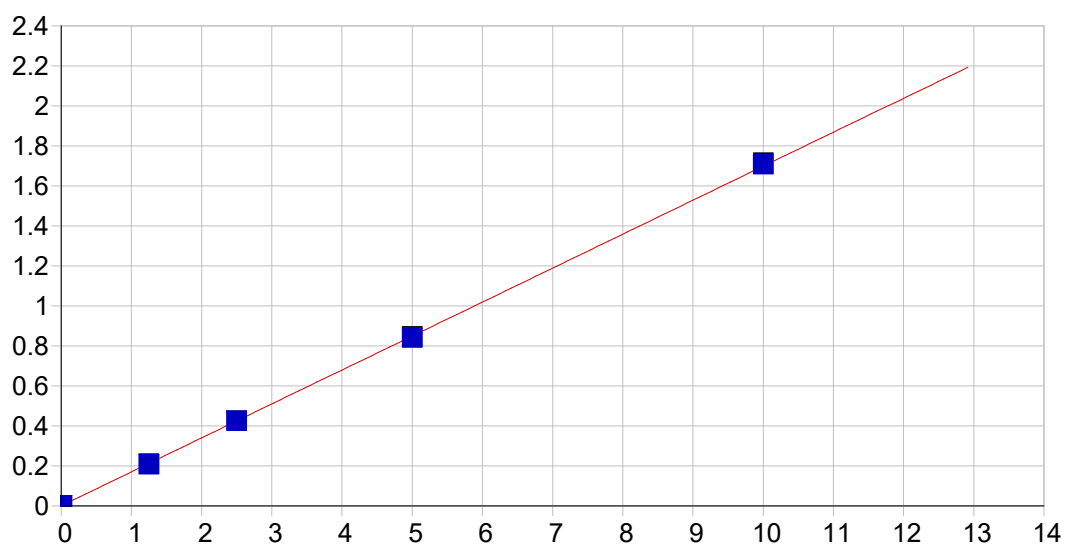


Si 251.611 {134}

Date of Fit: 11/05/2020 13:31:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001564 Re-Slope: 1.000000  
 A1 (Gain): 0.168267 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999757 Status: OK.  
 Std Error of Est: 0.000199  
 Predicted MDL: 0.001447  
 Predicted MQL: 0.004822

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00156 | .000    | 1        |
| S1        | .10000       | .10428      | .004       | 4.28    | .01917 | .000    | 1        |
| S2        | 1.2500       | 1.3092      | .059       | 4.74    | .22372 | .001    | 1        |
| S3        | 2.5000       | 2.5947      | .095       | 3.79    | .44188 | .002    | 1        |
| S4        | 5.0000       | 5.0070      | .007       | .139    | .85151 | .008    | 1        |
| S5        | 10.000       | 9.8349      | -.165      | -1.65   | 1.6713 | .003    | 1        |

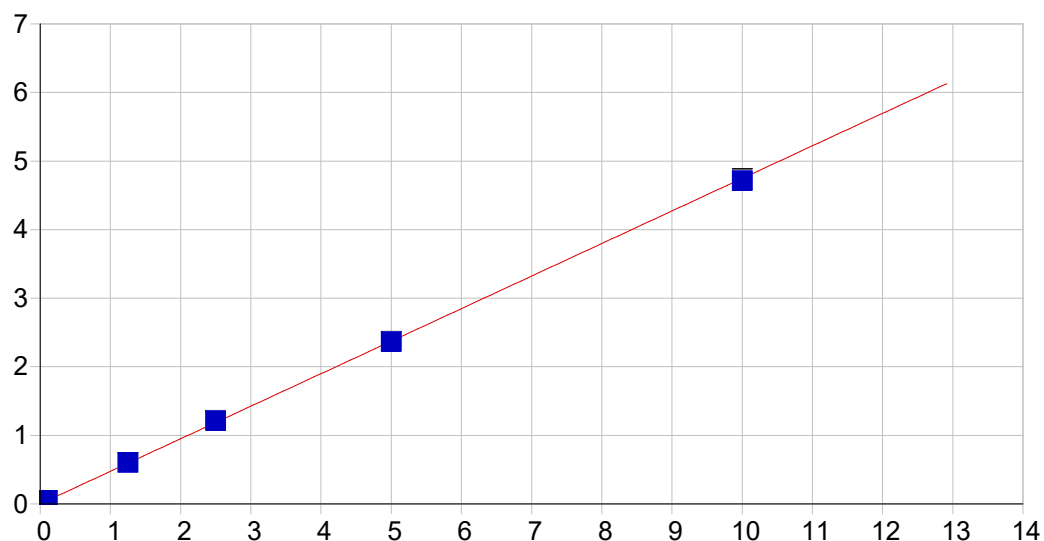


**Sn 189.989 {478}**

Date of Fit: 11/05/2020 13:31:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000442 Re-Slope: 1.000000  
 A1 (Gain): 0.169795 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999959 Status: OK.  
 Std Error of Est: 0.000022  
 Predicted MDL: 0.001640  
 Predicted MQL: 0.005468

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00044 | .000    | 1        |
| S1        | .00700       | .00574      | -.001      | -18.0   | .00138 | .000    | 1        |
| S2        | 1.2500       | 1.2259      | -.024      | -1.93   | .20816 | .001    | 1        |
| S3        | 2.5000       | 2.5062      | .006       | .249    | .42511 | .001    | 1        |
| S4        | 5.0000       | 4.9546      | -.045      | -.908   | .83995 | .004    | 1        |
| S5        | 10.000       | 10.064      | .064       | .645    | 1.7058 | .006    | 1        |

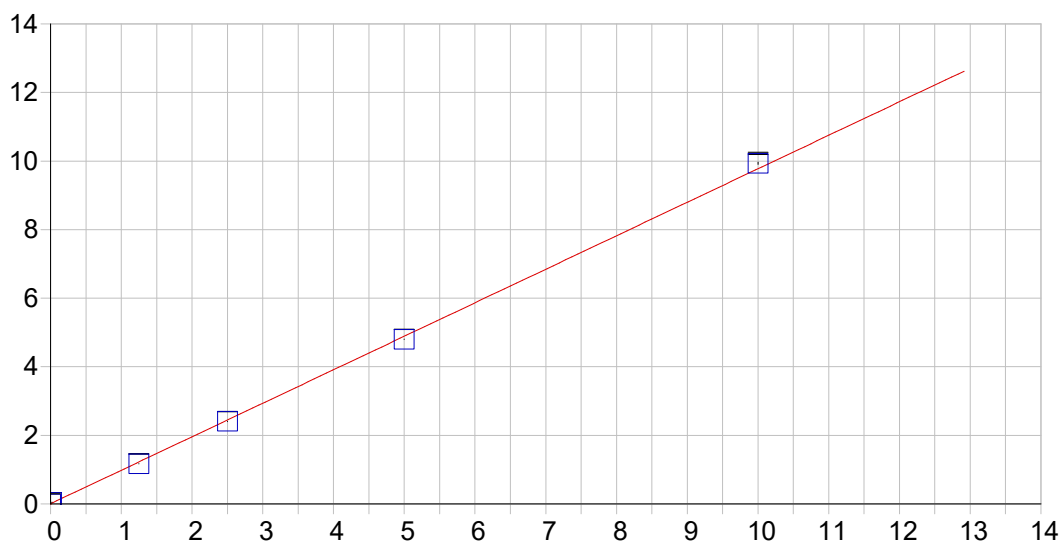


**Ti 336.121 {100}**

Date of Fit: 11/05/2020 13:31:54      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000466 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.474630 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999940 | Status:   | OK.      |
| Std Error of Est: | 0.000276 |           |          |
| Predicted MDL:    | 0.000895 |           |          |
| Predicted MQL:    | 0.002983 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00046 | .000    | 1        |
| S1        | .10000       | .10357      | .004       | 3.57    | .04961 | .000    | 1        |
| S2        | 1.2500       | 1.2671      | .017       | 1.37    | .60165 | .001    | 1        |
| S3        | 2.5000       | 2.5595      | .059       | 2.38    | 1.2149 | .003    | 1        |
| S4        | 5.0000       | 4.9858      | -.014      | -.284   | 2.3661 | .005    | 1        |
| S5        | 10.000       | 9.9341      | -.066      | -.659   | 4.7139 | .027    | 1        |



Li 670.784 { 50}

Date of Fit: 11/05/2020 13:31:54      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.004143 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.977079 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.997936 | Status:   | OK.      |
| Std Error of Est: | 0.001291 |           |          |
| Predicted MDL:    | 0.001293 |           |          |
| Predicted MQL:    | 0.004311 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | .00411 | .001    | 1        |
| S5        | 10.000       | 10.161      | .161       | 1.61    | 9.9325 | .031    | 1        |
| S4        | 5.0000       | 4.9057      | -.094      | -1.89   | 4.7974 | .005    | 1        |
| S3        | 2.5000       | 2.4565      | -.043      | -1.74   | 2.4044 | .001    | 1        |
| S2        | 1.2500       | 1.1941      | -.056      | -4.47   | 1.1709 | .003    | 1        |
| S1        | .01500       | .04740      | .032       | 216.    | .05046 | .000    | 1        |

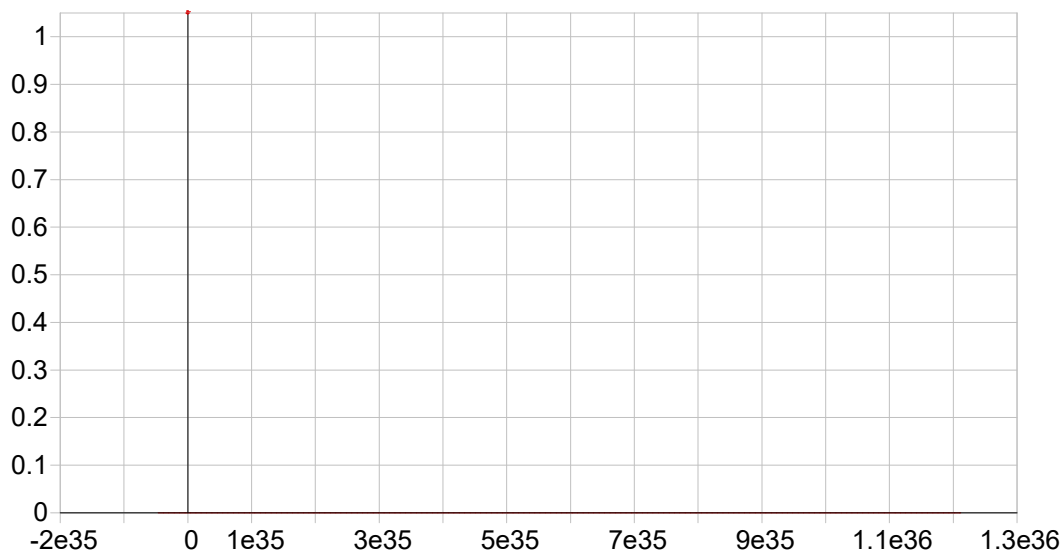






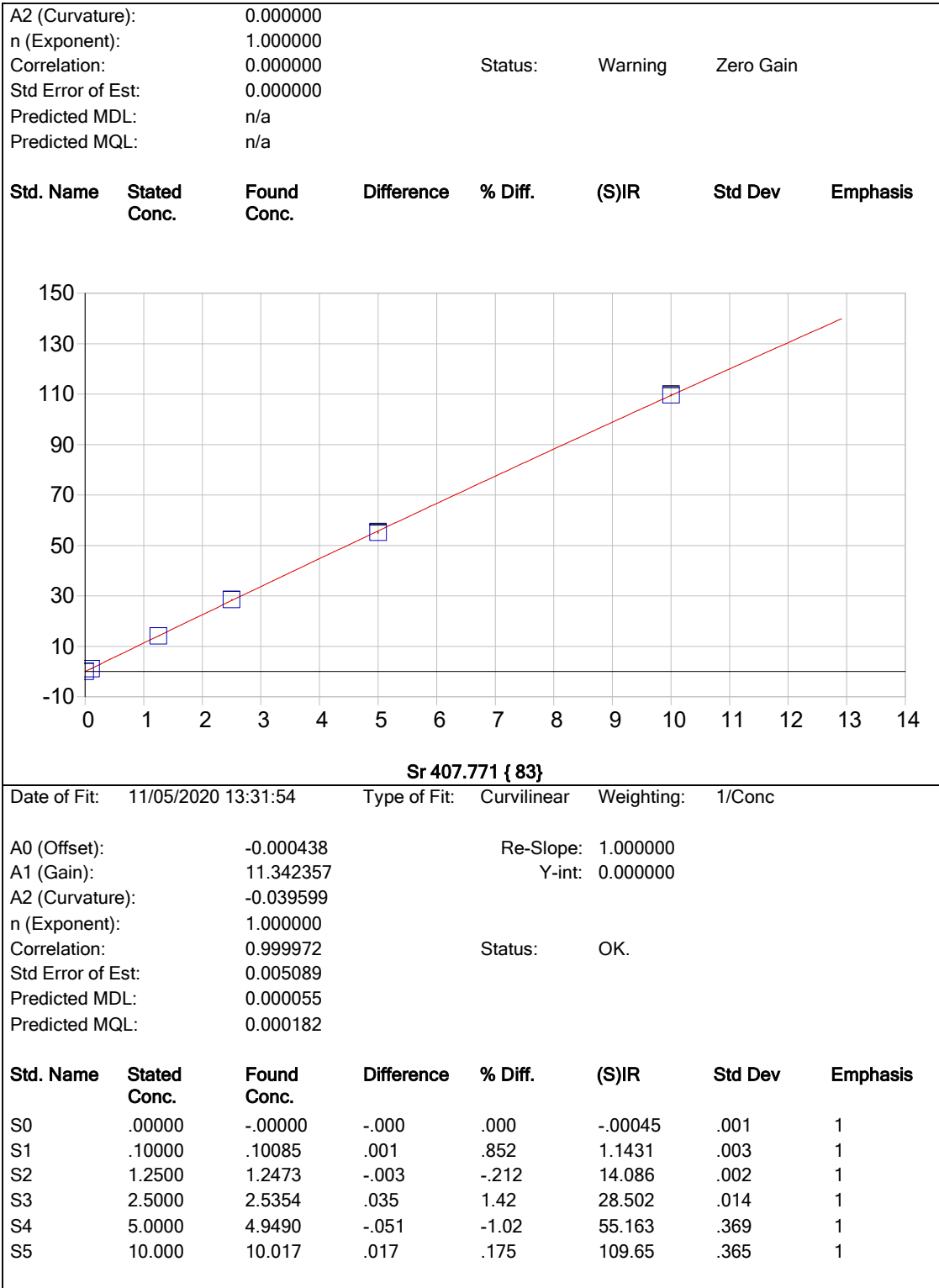
Y 371.030 { 91}\*

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



In 230.606 {446}\*

| 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: 11/05/2020 12:57:23      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      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    | -.00027 | -.00224 | .00013  | .00135  | .00108 | .00379 | -.02338 | -.00200 |
| Stddev | .00013  | .00021  | .00036  | .00031  | .00007 | .00035 | .00091  | .00021  |
| %RSD   | 48.697  | 9.4528  | 268.80  | 23.267  | 6.7771 | 9.1036 | 3.8764  | 10.319  |
| #1     | -.00013 | -.00203 | .00025  | .00100  | .00116 | .00385 | -.02307 | -.00186 |
| #2     | -.00039 | -.00225 | -.00027 | .00144  | .00102 | .00342 | -.02267 | -.00190 |
| #3     | -.00030 | -.00245 | .00042  | .00162  | .00106 | .00411 | -.02441 | -.00224 |
| 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    | .00019  | .00096  | .00001  | -.00096 | .00126 | .00039 | .00035  | .00004  |
| Stddev | .00016  | .00039  | .00010  | .00002  | .00008 | .00001 | .00016  | .00016  |
| %RSD   | 85.702  | 40.520  | 789.58  | 2.5259  | 6.2019 | 2.6828 | 46.702  | 380.28  |
| #1     | .00032  | .00094  | -.00005 | -.00096 | .00124 | .00040 | .00030  | .00022  |
| #2     | .00001  | .00136  | -.00004 | -.00099 | .00119 | .00038 | .00053  | -.00007 |
| #3     | .00023  | .00058  | .00013  | -.00094 | .00134 | .00038 | .00022  | -.00003 |
| Elem   | Ni2316  | Ag3280  | Na8183  | V_2924  | Zn2138 | K_7698 | P_1774  | B_2496  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  | Cts/S   | Cts/S   |
| Avg    | -.00323 | -.00075 | .00014  | -.00019 | .02850 | .02008 | -.00095 | .00113  |
| Stddev | .00034  | .00016  | .00105  | .00017  | .00154 | .00105 | .00011  | .00021  |
| %RSD   | 10.538  | 21.753  | 743.35  | 89.639  | 5.4115 | 5.2507 | 11.789  | 18.474  |
| #1     | -.00313 | -.00088 | -.00050 | -.00005 | .02764 | .01999 | -.00099 | .00091  |
| #2     | -.00295 | -.00079 | .00136  | -.00013 | .03028 | .01907 | -.00083 | .00133  |
| #3     | -.00361 | -.00057 | -.00043 | -.00037 | .02758 | .02117 | -.00104 | .00115  |
| 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    | .00045  | .00067  | .00156  | .00044  | .00046 | .00411 | -.00045 |         |
| Stddev | .00029  | .00008  | .00008  | .00018  | .00043 | .00103 | .00082  |         |
| %RSD   | 63.617  | 12.320  | 5.1917  | 41.600  | 93.887 | 25.088 | 181.89  |         |
| #1     | .00054  | .00062  | .00147  | .00049  | .00087 | .00496 | -.00101 |         |
| #2     | .00068  | .00077  | .00158  | .00024  | .00000 | .00442 | .00049  |         |
| #3     | .00013  | .00063  | .00163  | .00060  | .00052 | .00296 | -.00083 |         |

Sample Name: S0      Acquired: 11/05/2020 12:57:23      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: IR      Corr. Factor: 1.000000  
 User: BIN      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       | 862.89 | 1491.1 | 25432. | 10326. | 1320.7 |
| Stddev    | 6.91   | 2.3    | 149.   | 69.    | 2.8    |
| %RSD      | .80064 | .15548 | .58490 | .67237 | .21332 |
|           |        |        |        |        |        |
| #1        | 869.80 | 1490.2 | 25601. | 10248. | 1317.8 |
| #2        | 855.99 | 1493.8 | 25369. | 10382. | 1323.4 |
| #3        | 862.89 | 1489.4 | 25324. | 10347. | 1320.9 |

Sample Name: S1      Acquired: 11/05/2020 13:01:31      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      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    | -.00001 | -.00027 | .00352 | .00407 | .00983 | .02318 | .35632  | .01290 |
| Stddev | .00010  | .00010  | .00048 | .00047 | .00012 | .00029 | .00225  | .00011 |
| %RSD   | 776.31  | 36.510  | 13.556 | 11.650 | 1.2063 | 1.2636 | .63111  | .88637 |
| #1     | .00010  | -.00035 | .00404 | .00384 | .00980 | .02318 | .35880  | .01290 |
| #2     | -.00003 | -.00016 | .00340 | .00375 | .00996 | .02289 | .35441  | .01302 |
| #3     | -.00011 | -.00028 | .00311 | .00461 | .00973 | .02347 | .35574  | .01279 |
| 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    | .02453  | .27544  | .00188 | .07042 | .00583 | .00344 | .00907  | .05495 |
| Stddev | .00030  | .00090  | .00006 | .00019 | .00012 | .00020 | .00011  | .00009 |
| %RSD   | 1.2080  | .32615  | 3.3503 | .27510 | 2.1405 | 5.9492 | 1.1903  | .16226 |
| #1     | .02456  | .27580  | .00187 | .07033 | .00569 | .00358 | .00898  | .05504 |
| #2     | .02481  | .27442  | .00194 | .07029 | .00588 | .00320 | .00904  | .05494 |
| #3     | .02422  | .27611  | .00181 | .07064 | .00592 | .00353 | .00919  | .05486 |
| 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    | .03027  | .00435  | .02514 | .00481 | .07120 | .09364 | -.00045 | .00332 |
| Stddev | .00015  | .00021  | .00039 | .00026 | .00132 | .00015 | .00022  | .00011 |
| %RSD   | .49574  | 4.8155  | 1.5515 | 5.4185 | 1.8520 | .16439 | 49.472  | 3.2196 |
| #1     | .03020  | .00458  | .02516 | .00465 | .06969 | .09367 | -.00050 | .00323 |
| #2     | .03044  | .00417  | .02474 | .00467 | .07179 | .09378 | -.00020 | .00329 |
| #3     | .03017  | .00429  | .02552 | .00511 | .07213 | .09348 | -.00063 | .00344 |
| 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    | .00908  | .00471  | .01917 | .00138 | .04961 | .05046 | 1.1431  |        |
| Stddev | .00016  | .00013  | .00013 | .00025 | .00042 | .00041 | .0031   |        |
| %RSD   | 1.7127  | 2.6690  | .65583 | 18.189 | .84513 | .81662 | .27473  |        |
| #1     | .00891  | .00457  | .01904 | .00127 | .04914 | .05059 | 1.1419  |        |
| #2     | .00910  | .00480  | .01929 | .00121 | .04994 | .05079 | 1.1466  |        |
| #3     | .00922  | .00477  | .01919 | .00167 | .04975 | .05000 | 1.1406  |        |

Sample Name: S1      Acquired: 11/05/2020 13:01:31      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      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       | 876.90 | 1517.0 | 25783. | 10282. | 1350.7 |
| Stddev    | 6.21   | 1.5    | 41.    | 22.    | 1.7    |
| %RSD      | .70868 | .09673 | .15810 | .21849 | .12728 |
| #1        | 882.63 | 1515.8 | 25807. | 10283. | 1348.9 |
| #2        | 877.78 | 1518.6 | 25736. | 10304. | 1352.3 |
| #3        | 870.29 | 1516.5 | 25806. | 10259. | 1350.8 |

Sample Name: S2      Acquired: 11/05/2020 13:05:39      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      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    | .04412 | .10067 | 2.2293 | .09742 | .18395 | 3.4398 | 6.2004 | .36237 |
| Stddev | .00040 | .00030 | .0044  | .00112 | .00029 | .0097  | .0140  | .00015 |
| %RSD   | .90331 | .30159 | .19584 | 1.1504 | .15524 | .28225 | .22575 | .04072 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04458 | .10091 | 2.2281 | .09717 | .18399 | 3.4479 | 6.1887 | .36252 |
| #2 | .04395 | .10077 | 2.2257 | .09865 | .18420 | 3.4291 | 6.1967 | .36236 |
| #3 | .04384 | .10033 | 2.2342 | .09645 | .18364 | 3.4424 | 6.2159 | .36222 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.9794 | 3.2756 | .67842 | .87679 | .57661 | 1.2006 | 2.0870 | .65308 |
| Stddev | .0042  | .0147  | .00112 | .00152 | .00077 | .0014  | .0092  | .00205 |
| %RSD   | .13937 | .44787 | .16485 | .17362 | .13376 | .11472 | .43876 | .31405 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.9777 | 3.2590 | .67967 | .87706 | .57587 | 1.2022 | 2.0765 | .65411 |
| #2 | 2.9763 | 3.2811 | .67752 | .87515 | .57741 | 1.1998 | 2.0925 | .65072 |
| #3 | 2.9841 | 3.2867 | .67806 | .87816 | .57655 | 1.1998 | 2.0921 | .65442 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .48880 | .14534 | .19033 | .05719 | 2.4159 | .57560 | .06648 | .27935 |
| Stddev | .00204 | .00057 | .00094 | .00017 | .0094  | .00133 | .00068 | .00044 |
| %RSD   | .41744 | .39051 | .49483 | .29892 | .38810 | .23044 | 1.0236 | .15929 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .48808 | .14593 | .19120 | .05718 | 2.4262 | .57414 | .06648 | .27898 |
| #2 | .48722 | .14480 | .19046 | .05736 | 2.4136 | .57673 | .06579 | .27922 |
| #3 | .49111 | .14530 | .18933 | .05702 | 2.4079 | .57593 | .06715 | .27985 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .97981 | .08424 | .22372 | .20816 | .60165 | 1.1709 | 14.086 |
| Stddev | .00143 | .00034 | .00118 | .00073 | .00109 | .0028  | .002   |
| %RSD   | .14555 | .40136 | .52702 | .35099 | .18042 | .24277 | .01296 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .98080 | .08404 | .22429 | .20812 | .60053 | 1.1716 | 14.084 |
| #2 | .98046 | .08405 | .22236 | .20745 | .60270 | 1.1678 | 14.086 |
| #3 | .97818 | .08463 | .22451 | .20891 | .60173 | 1.1734 | 14.087 |

Sample Name: S2      Acquired: 11/05/2020 13:05:39      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: IR      Corr. Factor: 1.000000  
 User: BIN      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       | 850.01 | 1468.8 | 25497. | 10237. | 1269.7 |
| Stddev    | 1.95   | 2.3    | 28.    | 18.    | 3.1    |
| %RSD      | .22961 | .15830 | .10867 | .17786 | .24021 |
| #1        | 848.20 | 1467.6 | 25465. | 10248. | 1267.6 |
| #2        | 852.08 | 1467.4 | 25516. | 10247. | 1273.2 |
| #3        | 849.77 | 1471.5 | 25509. | 10216. | 1268.4 |

Sample Name: S3      Acquired: 11/05/2020 13:09:32      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      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    | .09038 | .20423 | 4.5279 | .19476 | .37314 | 7.0614 | 12.579 | .72820 |
| Stddev | .00051 | .00063 | .0055  | .00031 | .00058 | .0069  | .006   | .00260 |
| %RSD   | .56014 | .30613 | .12091 | .15963 | .15452 | .09762 | .05058 | .35679 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .09096 | .20351 | 4.5232 | .19477 | .37326 | 7.0545 | 12.585 | .72539 |
| #2 | .09002 | .20454 | 4.5267 | .19506 | .37365 | 7.0616 | 12.578 | .72869 |
| #3 | .09015 | .20463 | 4.5339 | .19444 | .37251 | 7.0682 | 12.573 | .73051 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 6.0041 | 6.6318 | 1.3443 | 1.7847 | 1.1566 | 2.4104 | 4.1471 | 1.3436 |
| Stddev | .0195  | .0054  | .0015  | .0031  | .0014  | .0069  | .0062  | .0020  |
| %RSD   | .32446 | .08120 | .11492 | .17549 | .11826 | .28597 | .15038 | .14604 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.9852 | 6.6283 | 1.3426 | 1.7828 | 1.1562 | 2.4025 | 4.1492 | 1.3438 |
| #2 | 6.0028 | 6.6380 | 1.3447 | 1.7830 | 1.1582 | 2.4151 | 4.1521 | 1.3415 |
| #3 | 6.0241 | 6.6291 | 1.3457 | 1.7883 | 1.1555 | 2.4136 | 4.1401 | 1.3454 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .99048 | .29764 | .38464 | .11586 | 4.9701 | 1.1689 | .13840 | .56736 |
| Stddev | .00434 | .00089 | .00104 | .00014 | .0463  | .0004  | .00091 | .00212 |
| %RSD   | .43796 | .30036 | .27012 | .11683 | .93222 | .03240 | .65888 | .37310 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .98764 | .29672 | .38378 | .11572 | 5.0226 | 1.1690 | .13945 | .56492 |
| #2 | .98833 | .29850 | .38579 | .11587 | 4.9349 | 1.1693 | .13781 | .56838 |
| #3 | .99547 | .29771 | .38434 | .11599 | 4.9529 | 1.1685 | .13794 | .56876 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.9849 | .16914 | .44188 | .42511 | 1.2149 | 2.4044 | 28.502 |
| Stddev | .0052  | .00036 | .00167 | .00106 | .0033  | .0011  | .014   |
| %RSD   | .25965 | .21324 | .37714 | .25047 | .27196 | .04617 | .04973 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9793 | .16926 | .43996 | .42388 | 1.2115 | 2.4051 | 28.518 |
| #2 | 1.9893 | .16874 | .44289 | .42581 | 1.2149 | 2.4049 | 28.490 |
| #3 | 1.9862 | .16943 | .44280 | .42563 | 1.2181 | 2.4031 | 28.499 |

Sample Name: S3      Acquired: 11/05/2020 13:09:32      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      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       | 812.83 | 1411.2 | 25020. | 10039. | 1205.3 |
| Stddev    | 7.40   | 3.3    | 69.    | 34.    | 3.4    |
| %RSD      | .91086 | .23489 | .27633 | .33744 | .28088 |
| #1        | 804.90 | 1415.0 | 24940. | 10048. | 1207.8 |
| #2        | 814.02 | 1409.9 | 25065. | 10001. | 1206.8 |
| #3        | 819.56 | 1408.7 | 25054. | 10067. | 1201.5 |

Sample Name: S4      Acquired: 11/05/2020 13:13:23      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      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    | .18007 | .39542 | 8.9607 | .37174 | .73583 | 13.823 | 24.491 | 1.4134 |
| Stddev | .00033 | .00083 | .0283  | .00123 | .00182 | .046   | .145   | .0098  |
| %RSD   | .18449 | .21005 | .31552 | .33152 | .24771 | .33622 | .59216 | .69722 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18001 | .39621 | 8.9750 | .37035 | .73517 | 13.819 | 24.631 | 1.4182 |
| #2 | .17978 | .39549 | 8.9282 | .37213 | .73442 | 13.871 | 24.500 | 1.4198 |
| #3 | .18043 | .39455 | 8.9791 | .37272 | .73789 | 13.778 | 24.342 | 1.4020 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 11.770 | 13.027 | 2.5906 | 3.5345 | 2.2511 | 4.6379 | 7.9005 | 2.6576 |
| Stddev | .038   | .050   | .0045  | .0085  | .0020  | .0368  | .0144  | .0211  |
| %RSD   | .32504 | .38062 | .17231 | .23960 | .08814 | .79253 | .18228 | .79574 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.768 | 13.027 | 2.5943 | 3.5401 | 2.2529 | 4.6532 | 7.9040 | 2.6617 |
| #2 | 11.733 | 12.978 | 2.5919 | 3.5248 | 2.2513 | 4.6645 | 7.8846 | 2.6764 |
| #3 | 11.809 | 13.077 | 2.5857 | 3.5386 | 2.2490 | 4.5960 | 7.9128 | 2.6347 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.9511 | .59146 | .75424 | .22442 | 9.8753 | 2.3252 | .27981 | 1.1210 |
| Stddev | .0069  | .00091 | .00213 | .00105 | .0093  | .0104  | .00081 | .0071  |
| %RSD   | .35464 | .15338 | .28260 | .46967 | .09432 | .44845 | .28875 | .62935 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9507 | .59249 | .75423 | .22447 | 9.8723 | 2.3281 | .28069 | 1.1261 |
| #2 | 1.9444 | .59113 | .75638 | .22545 | 9.8679 | 2.3338 | .27911 | 1.1241 |
| #3 | 1.9583 | .59077 | .75212 | .22335 | 9.8858 | 2.3136 | .27962 | 1.1130 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 3.9018 | .27384 | .85151 | .83995 | 2.3661 | 4.7974 | 55.163 |
| Stddev | .0078  | .00079 | .00792 | .00431 | .0049  | .0047  | .369   |
| %RSD   | .19911 | .28849 | .93008 | .51332 | .20717 | .09810 | .66924 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.9012 | .27473 | .85710 | .84193 | 2.3686 | 4.7999 | 55.513 |
| #2 | 3.8943 | .27324 | .85499 | .83500 | 2.3692 | 4.8003 | 55.199 |
| #3 | 3.9098 | .27355 | .84245 | .84291 | 2.3604 | 4.7920 | 54.777 |

Sample Name: S4      Acquired: 11/05/2020 13:13:23      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      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       | 782.27 | 1373.2 | 24927. | 10044. | 1156.5 |
| Stddev    | 1.53   | 1.7    | 47.    | 74.    | 3.4    |
| %RSD      | .19529 | .12089 | .19017 | .73528 | .29686 |
| #1        | 781.63 | 1371.6 | 24927. | 9993.1 | 1154.0 |
| #2        | 784.02 | 1374.9 | 24975. | 10011. | 1160.4 |
| #3        | 781.17 | 1373.0 | 24880. | 10129. | 1155.0 |

Sample Name: S5      Acquired: 11/05/2020 13:17:31      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      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    | .37919 | .77765 | 18.172 | .75110 | 1.5427 | 27.978 | 49.163 | 2.7901 |
| Stddev | .00081 | .00152 | .014   | .00044 | .0028  | .112   | .199   | .0061  |
| %RSD   | .21348 | .19547 | .07669 | .05910 | .18055 | .39924 | .40388 | .21816 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .37892 | .77598 | 18.162 | .75110 | 1.5452 | 27.953 | 49.274 | 2.7971 |
| #2 | .37856 | .77895 | 18.188 | .75155 | 1.5432 | 27.880 | 48.933 | 2.7872 |
| #3 | .38011 | .77802 | 18.167 | .75066 | 1.5397 | 28.100 | 49.281 | 2.7860 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 23.672 | 26.246 | 5.0995 | 7.1402 | 4.5154 | 9.1225 | 15.745 | 5.4094 |
| Stddev | .020   | .042   | .0040  | .0053  | .0116  | .0736  | .027   | .0451  |
| %RSD   | .08487 | .16174 | .07881 | .07467 | .25756 | .80709 | .17137 | .83294 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.667 | 26.197 | 5.0953 | 7.1411 | 4.5145 | 9.1524 | 15.714 | 5.4205 |
| #2 | 23.694 | 26.263 | 5.0997 | 7.1450 | 4.5042 | 9.0386 | 15.761 | 5.3598 |
| #3 | 23.654 | 26.277 | 5.1034 | 7.1345 | 4.5274 | 9.1765 | 15.759 | 5.4478 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.9143 | 1.2287 | 1.5181 | .44610 | 21.151 | 4.7577 | .58104 | 2.2096 |
| Stddev | .0081  | .0045  | .0070  | .00205 | .284   | .0170  | .00142 | .0061  |
| %RSD   | .20736 | .36241 | .45932 | .46005 | 1.3419 | .35706 | .24379 | .27418 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.9173 | 1.2250 | 1.5182 | .44612 | 21.333 | 4.7627 | .57943 | 2.2115 |
| #2 | 3.9205 | 1.2275 | 1.5110 | .44403 | 20.824 | 4.7388 | .58210 | 2.2144 |
| #3 | 3.9051 | 1.2336 | 1.5250 | .44814 | 21.295 | 4.7716 | .58158 | 2.2028 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 8.0587 | .56965 | 1.6713 | 1.7058 | 4.7139 | 9.9325 | 109.65 |
| Stddev | .0055  | .00218 | .0030  | .0056  | .0272  | .0313  | .36    |
| %RSD   | .06791 | .38214 | .17772 | .33049 | .57738 | .31475 | .33280 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 8.0600 | .57196 | 1.6719 | 1.7033 | 4.7149 | 9.9376 | 109.27 |
| #2 | 8.0635 | .56935 | 1.6740 | 1.7123 | 4.6861 | 9.8990 | 109.67 |
| #3 | 8.0528 | .56764 | 1.6681 | 1.7019 | 4.7405 | 9.9609 | 110.00 |

Sample Name: S5      Acquired: 11/05/2020 13:17:31      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      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       | 699.15 | 1256.3 | 24025. | 9787.7 | 1068.1 |
| Stddev    | 5.34   | 3.1    | 83.    | 28.2   | 3.1    |
| %RSD      | .76399 | .24430 | .34406 | .28819 | .29198 |
| #1        | 695.08 | 1255.1 | 23952. | 9772.9 | 1067.4 |
| #2        | 705.20 | 1253.9 | 24115. | 9820.3 | 1065.3 |
| #3        | 697.17 | 1259.7 | 24009. | 9770.1 | 1071.5 |

Sample Name: S6      Acquired: 11/05/2020 13:21:35      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      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    | 72.669 | 41.986 | 23.915 | 8.7646 | 4.0859 |
| Stddev | .712   | .480   | .057   | .0172  | .0058  |
| %RSD   | .97954 | 1.1425 | .24003 | .19614 | .14197 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 73.360 | 42.301 | 23.938 | 8.7723 | 4.0845 |
| #2 | 72.710 | 41.434 | 23.957 | 8.7766 | 4.0923 |
| #3 | 71.938 | 42.224 | 23.849 | 8.7449 | 4.0809 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 9634.5 |
| Stddev    | 43.8   |
| %RSD      | .45500 |

|    |        |
|----|--------|
| #1 | 9594.8 |
| #2 | 9681.5 |
| #3 | 9627.1 |

Sample Name: ICV      Acquired: 11/05/2020 13:25:57      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICV      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9668232 | 1.021587 | .9548583 | 1.012594 | .9360006 | 2.378653 |
| Stddev | .0087396 | .005974  | .0017368 | .001499  | .0026529 | .007641  |
| %RSD   | .9039490 | .5848115 | .1818951 | .1480187 | .2834236 | .3212457 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9714564 | 1.026413 | .9564631 | 1.012120 | .9331740 | 2.386964 |
| #2 | .9722706 | 1.014905 | .9530143 | 1.014273 | .9384363 | 2.371931 |
| #3 | .9567425 | 1.023443 | .9550976 | 1.011390 | .9363915 | 2.377065 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5010639 | .4945902 | .5054302 | 9.917126 | .5448051 | .4893051 |
| Stddev | .0006419 | .0024102 | .0016195 | .024419  | .0013336 | .0017832 |
| %RSD   | .1281159 | .4873179 | .3204124 | .2462304 | .2447891 | .3644299 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5014766 | .4973261 | .5060189 | 9.934124 | .5442410 | .4903281 |
| #2 | .5013908 | .4936642 | .5035987 | 9.928111 | .5438463 | .4872461 |
| #3 | .5003243 | .4927804 | .5066729 | 9.889144 | .5463281 | .4903411 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4846614 | 10.44341 | .5044189 | 5.503189 | .5031119 | .2321917 |
| Stddev | .0021468 | .00308   | .0012639 | .045166  | .0013989 | .0012921 |
| %RSD   | .4429491 | .0294528 | .2505652 | .8207171 | .2780546 | .5564582 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4867920 | 10.44611 | .5035664 | 5.496321 | .5041600 | .2313307 |
| #2 | .4824988 | 10.44006 | .5058710 | 5.551395 | .5015234 | .2315669 |
| #3 | .4846933 | 10.44407 | .5038193 | 5.461851 | .5036524 | .2336773 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.347631 | .5017683 | 1.029398 | 9.024674 | F .0013087 | F .0125234 |
| Stddev | .150635  | .0015326 | .001469  | .042718  | .0029056   | .0007633   |
| %RSD   | 1.611473 | .3054433 | .1426982 | .4733420 | 222.0171   | 6.095298   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.190289 | .5034966 | 1.030759 | 9.071269 | .0045537 | .0116998 |
| #2 | 9.490516 | .5012339 | 1.029595 | 8.987360 | .0004248 | .0126633 |
| #3 | 9.362088 | .5005745 | 1.027841 | 9.015391 | -.001052 | .0132072 |

Sample Name: ICV      Acquired: 11/05/2020 13:25:57      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      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 -.000372 | F -.000290 | F .0051607 | F .0012491 | F -.000128 | F .0025327 |
| Stddev | .000429    | .000565    | .0020189   | .0007619   | .000715    | .0007611   |
| %RSD   | 115.2004   | 195.1096   | 39.12042   | 60.99832   | 557.9471   | 30.05187   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000709 | -.000024 | .0066434 | .0020299 | -.000084 | .0033778 |
| #2 | -.000517 | -.000938 | .0028614 | .0012099 | -.000864 | .0019014 |
| #3 | .000110  | .000094  | .0059772 | .0005075 | .000564  | .0023188 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0011223 |
| Stddev | .0000262   |
| %RSD   | 2.333293   |

|    |          |
|----|----------|
| #1 | .0011414 |
| #2 | .0010925 |
| #3 | .0011331 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 916.9646 | 1594.720 | 26532.01 | 10556.10 | 1395.268 |
| Stddev    | 3.4359   | .650     | 36.15    | 15.34    | 2.995    |
| %RSD      | .3747043 | .0407542 | .1362611 | .1453128 | .2146446 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 918.0672 | 1595.429 | 26506.22 | 10538.42 | 1393.117 |
| #2 | 919.7138 | 1594.581 | 26573.34 | 10565.90 | 1398.689 |
| #3 | 913.1127 | 1594.151 | 26516.47 | 10563.97 | 1393.999 |

Sample Name: ICB      Acquired: 11/05/2020 13:33:55      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      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    | .0039482 | -.000069 | -.000980 | -.001897 | -.001601 | -.002932 | .0018963 |
| Stddev | .0051222 | .002419  | .001212  | .001947  | .001675  | .002208  | .0004078 |
| %RSD   | 129.7370 | 3488.791 | 123.6896 | 102.6523 | 104.6316 | 75.31557 | 21.50609 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0082331 | .000853  | -.000560 | -.004120 | -.001946 | -.004556 | .0019766 |
| #2 | -.001725 | -.002814 | -.002345 | -.001074 | -.003076 | -.003822 | .0014543 |
| #3 | .005337  | .001752  | -.000034 | -.000496 | .000220  | -.000418 | .0022580 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000288 | -.000221 | .0097105 | -.000312 | -.000054 | .0014006 | -.010433 |
| Stddev | .0001053 | .000020  | .0080062 | .000409  | .000043  | .0023358 | .004629  |
| %RSD   | 365.9773 | 8.980649 | 82.44972 | 131.0246 | 79.18125 | 166.7669 | 44.37039 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001244 | -.000199 | .0114198 | -.000395 | -.000005 | -.000446 | -.015395 |
| #2 | -.000084 | -.000226 | .0167240 | -.000674 | -.000084 | .000622  | -.006230 |
| #3 | .000046  | -.000238 | .0009876 | .000132  | -.000073 | .004026  | -.009674 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000818 | -.026975 | -.000039 | .0007209 | -.064456 | .0010948 | -.019265 |
| Stddev | .0001226 | .018905  | .000312  | .0002951 | .102102  | .0027246 | .002295  |
| %RSD   | 149.8103 | 70.08144 | 803.7336 | 40.93395 | 158.4053 | 248.8743 | 11.91472 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001968 | -.037178 | -.000380 | .0003845 | -.005376 | -.000599 | -.019739 |
| #2 | -.000047 | -.038586 | .000232  | .0008423 | -.182354 | -.000354 | -.016769 |
| #3 | .000096  | -.005161 | .000031  | .0009359 | -.005639 | .004238  | -.021286 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.007276 | -.002928 | .0056308 | .0000004 | -.007434 | .0009684 | .0006042 |
| Stddev | .026913  | .003068  | .0014955 | .0004885 | .006363  | .0004535 | .0013497 |
| %RSD   | 369.8759 | 104.7720 | 26.55914 | 125883.0 | 85.59079 | 46.83622 | 223.4021 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.009105 | .000546  | .0040702 | .0003565 | -.014513 | .0011201 | .0021348 |
| #2 | .020504  | -.005264 | .0070513 | -.000557 | -.005594 | .0004584 | -.000415 |
| #3 | -.033228 | -.004067 | .0057710 | .000201  | -.002194 | .0013266 | .000093  |

Sample Name: ICB      Acquired: 11/05/2020 13:33:55      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000464 | .0011286 | -.000106 |
| Stddev | .000658  | .0011501 | .000035  |
| %RSD   | 141.9895 | 101.9036 | 32.63395 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001184 | .0014113 | -.000083 |
| #2 | -.000314 | -.000136 | -.000090 |
| #3 | .000107  | .002111  | -.000146 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 888.9625 | 1539.180 | 25630.64 | 10256.22 | 1343.542 |
| Stddev    | 5.2922   | 2.652    | 121.79   | 24.98    | 2.494    |
| %RSD      | .5953190 | .1722927 | .4751694 | .2435986 | .1856287 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 883.4072 | 1536.372 | 25582.20 | 10232.78 | 1340.932 |
| #2 | 889.5354 | 1539.525 | 25540.52 | 10282.50 | 1343.794 |
| #3 | 893.9449 | 1541.642 | 25769.20 | 10253.38 | 1345.901 |

Sample Name: ICSA      Acquired: 11/05/2020 13:47:17      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSA      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0064338 | .0094078 | .0061622 | .0099142 | .0041040 | 237.2652 | .0060314 |
| Stddev | .0045844 | .0042532 | .0033847 | .0044499 | .0010488 | .7052    | .0007107 |
| %RSD   | 71.25456 | 45.20886 | 54.92715 | 44.88407 | 25.55497 | .2972155 | 11.78389 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0110696 | .0076568 | .0086209 | .0133860 | .0048053 | 236.5204 | .0055093 |
| #2 | .0063292 | .0142569 | .0075641 | .0114586 | .0046083 | 237.9227 | .0057442 |
| #3 | .0019026 | .0063096 | .0023018 | .0048978 | .0028983 | 237.3524 | .0068409 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009210 | .0002616 | 234.1351 | .0468635 | -.000544 | -.002057 | 98.25138 |
| Stddev | .0001052 | .0001050 | .1771    | .0006756 | .000470  | .001847  | .60933   |
| %RSD   | 11.41901 | 40.12560 | .0756598 | 1.441595 | 86.53436 | 89.81501 | .6201770 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008230 | .0003819 | 234.0983 | .0463958 | -.001013 | -.003096 | 97.60115 |
| #2 | .0010321 | .0001885 | 233.9793 | .0465566 | -.000072 | .000076  | 98.80928 |
| #3 | .0009080 | .0002144 | 234.3278 | .0476380 | -.000546 | -.003150 | 98.34372 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0109637 | 234.3970 | -.000895 | .0027882 | -.186349 | .0030751 | -.021522 |
| Stddev | .0001140 | 1.4265   | .000639  | .0003520 | .041533  | .0018279 | .000428  |
| %RSD   | 1.039989 | .6085914 | 71.42618 | 12.62312 | 22.28780 | 59.44198 | 1.987055 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0109909 | 232.9233 | -.001633 | .0025120 | -.218474 | .0011403 | -.021046 |
| #2 | .0108385 | 235.7711 | -.000507 | .0031845 | -.201124 | .0047730 | -.021645 |
| #3 | .0110616 | 234.4968 | -.000545 | .0026680 | -.139448 | .0033120 | -.021874 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.247208 | .0098422 | -.011381 | -.000670 | -.005922 | -.000133 | -.003212 |
| Stddev | .073609  | .0018377 | .002837  | .000417  | .004309  | .002007  | .003758  |
| %RSD   | 29.77616 | 18.67194 | 24.92511 | 62.20173 | 72.76332 | 1508.054 | 116.9995 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.167379 | .0094847 | -.012873 | -.000208 | -.001134 | -.002055 | -.003998 |
| #2 | -.312398 | .0118324 | -.013159 | -.000785 | -.009488 | .001950  | .000877  |
| #3 | -.261846 | .0082095 | -.008109 | -.001018 | -.007146 | -.000294 | -.006515 |

Sample Name: ICSA      Acquired: 11/05/2020 13:47:17      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ICSA      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000371 | .0036763 | .0917764 |
| Stddev | .000931  | .0006168 | .0000133 |
| %RSD   | 251.0047 | 16.77756 | .0144895 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001445 | .0042696 | .0917901 |
| #2 | .000203  | .0030384 | .0917755 |
| #3 | .000129  | .0037209 | .0917635 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 836.4878 | 1447.356 | 24666.01 | 10158.49 | 1200.548 |
| Stddev    | 6.9888   | 3.297    | 75.79    | 19.94    | .648     |
| %RSD      | .8354919 | .2277904 | .3072721 | .1962639 | .0540117 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 828.4329 | 1444.069 | 24596.20 | 10172.02 | 1201.045 |
| #2 | 840.9421 | 1447.336 | 24655.20 | 10135.59 | 1200.785 |
| #3 | 840.0884 | 1450.663 | 24746.62 | 10167.85 | 1199.814 |

Sample Name: ICSAB      Acquired: 11/05/2020 13:51:22      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1015086 | .1005565 | .0522425 | .0517762 | .5656157 | 232.9107 |
| Stddev | .0058051 | .0054847 | .0030712 | .0029909 | .0049814 | .6211    |
| %RSD   | 5.718826 | 5.454380 | 5.878764 | 5.776497 | .8806982 | .2666617 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0996013 | .1011236 | .0519722 | .0485102 | .5653610 | 233.6219 |
| #2 | .0968972 | .1057356 | .0493153 | .0543814 | .5607665 | 232.4752 |
| #3 | .1080274 | .0948102 | .0554399 | .0524371 | .5707195 | 232.6350 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4839833 | .4634969 | .9587972 | 229.6133 | .5495902 | .4717072 |
| Stddev | .0022840 | .0026147 | .0020616 | .9791    | .0017968 | .0011301 |
| %RSD   | .4719131 | .5641150 | .2150245 | .4264145 | .3269294 | .2395811 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4860835 | .4655552 | .9587355 | 230.5301 | .5476533 | .4721897 |
| #2 | .4843147 | .4605549 | .9567671 | 229.7278 | .5499148 | .4704159 |
| #3 | .4815517 | .4643805 | .9608890 | 228.5820 | .5512026 | .4725159 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4506531 | 96.27138 | .4751967 | 229.4577 | .9566702 | .1930224 |
| Stddev | .0047544 | .42872   | .0019408 | .6747    | .0028540 | .0010777 |
| %RSD   | 1.054995 | .4453195 | .4084169 | .2940206 | .2983319 | .5583405 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4537946 | 96.51924 | .4771258 | 229.9637 | .9599592 | .1920336 |
| #2 | .4529814 | 95.77634 | .4752200 | 228.6917 | .9552059 | .1941712 |
| #3 | .4451833 | 96.51855 | .4732444 | 229.7177 | .9548455 | .1928624 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.015068 | .4754550 | 1.032617 | -.370603 | F .0115835 | -.012296 |
| Stddev | .173181  | .0019075 | .005742  | .037039  | .0024400   | .002329  |
| %RSD   | 1149.364 | .4012000 | .5561074 | 9.994335 | 21.06400   | 18.94181 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .010916  | .4762068 | 1.035947 | -.412562 | .0088321 | -.014627 |
| #2 | .143653  | .4732862 | 1.035918 | -.342446 | .0124342 | -.009969 |
| #3 | -.199772 | .4768721 | 1.025987 | -.356803 | .0134843 | -.012291 |

Sample Name: ICSAB      Acquired: 11/05/2020 13:51:22      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000541 | -.005493 | .0012165 | -.004674 | -.001320 | .0027416 |
| Stddev | .000612  | .005660  | .0006947 | .002184  | .000671  | .0003250 |
| %RSD   | 113.2507 | 103.0279 | 57.10669 | 46.72102 | 50.80434 | 11.85284 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000224 | -.000045 | .0004398 | -.002153 | -.000549 | .0030686 |
| #2 | -.000152 | -.005092 | .0014312 | -.005879 | -.001640 | .0027374 |
| #3 | -.001247 | -.011343 | .0017784 | -.005990 | -.001770 | .0024188 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0902674 |
| Stddev | .0001848 |
| %RSD   | .2046973 |

|    |          |
|----|----------|
| #1 | .0904771 |
| #2 | .0901969 |
| #3 | .0901283 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 850.9099 | 1460.327 | 25032.59 | 10393.65 | 1214.224 |
| Stddev    | 3.5861   | 1.217    | 42.05    | 22.64    | 2.762    |
| %RSD      | .4214429 | .0833098 | .1679746 | .2178022 | .2274984 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 852.7548 | 1461.489 | 25051.70 | 10367.96 | 1212.370 |
| #2 | 846.7769 | 1459.062 | 24984.38 | 10410.69 | 1217.398 |
| #3 | 853.1979 | 1460.429 | 25061.69 | 10402.29 | 1212.903 |

Sample Name: CCV043      Acquired: 11/05/2020 13:55:26      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV043      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.022390 | 4.943446 | 24.61974 | 4.899325 | 5.000555 | 394.2039 | 9.941457 |
| Stddev | .005330  | .009027  | .04326   | .006489  | .007686  | .6383    | .140523  |
| %RSD   | .1061215 | .1826117 | .1757212 | .1324386 | .1537074 | .1619330 | 1.413506 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.027365 | 4.935988 | 24.57078 | 4.904217 | 5.008047 | 394.9378 | 9.953682 |
| #2 | 5.016765 | 4.953482 | 24.63563 | 4.891965 | 5.000929 | 393.8968 | 9.795221 |
| #3 | 5.023042 | 4.940868 | 24.65281 | 4.901793 | 4.992689 | 393.7772 | 10.07547 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4974797 | 2.502071 | 399.8812 | 15.39587 | 2.500263 | 14.97479 | 405.9219 |
| Stddev | .0012915 | .001331  | .8118    | .00903   | .002367  | .04371   | 1.5354   |
| %RSD   | .2596141 | .0531917 | .2030179 | .0586307 | .0946714 | .2919084 | .3782391 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4960658 | 2.500631 | 399.0310 | 15.39420 | 2.497961 | 15.00868 | 407.5575 |
| #2 | .4985974 | 2.502325 | 400.6482 | 15.40561 | 2.502690 | 14.99025 | 405.6965 |
| #3 | .4977759 | 2.503257 | 399.9644 | 15.38779 | 2.500136 | 14.92545 | 404.5118 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.80435 | 396.7428 | 2.496829 | 1.285999 | 397.1406 | 2.484110 | 14.79056 |
| Stddev | .01834   | 1.3310   | .000781  | .001823  | 1.6403   | .012471  | .07193   |
| %RSD   | .1238530 | .3354892 | .0312603 | .1417292 | .4130349 | .5020347 | .4862986 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.79511 | 398.1911 | 2.496008 | 1.286661 | 398.8556 | 2.494511 | 14.87270 |
| #2 | 14.82547 | 396.4644 | 2.496916 | 1.283938 | 396.9795 | 2.487534 | 14.73884 |
| #3 | 14.79248 | 395.5730 | 2.497562 | 1.287398 | 395.5869 | 2.470284 | 14.76014 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 153.6933 | 5.093397 | 4.903709 | 4.912054 | 4.884675 | 4.913615 | 5.057106 |
| Stddev | .6442    | .012092  | .009959  | .004408  | .016900  | .006566  | .007873  |
| %RSD   | .4191269 | .2374150 | .2031005 | .0897446 | .3459707 | .1336317 | .1556834 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 154.2172 | 5.092374 | 4.894800 | 4.914970 | 4.897351 | 4.908552 | 5.065639 |
| #2 | 153.8886 | 5.081849 | 4.914462 | 4.906982 | 4.865489 | 4.921034 | 5.050124 |
| #3 | 152.9741 | 5.105968 | 4.901866 | 4.914209 | 4.891186 | 4.911259 | 5.055554 |

Sample Name: CCV043      Acquired: 11/05/2020 13:55:26      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCV043      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.944444 | 5.036826 | 4.930996 |
| Stddev | .019044  | .019444  | .010769  |
| %RSD   | .3851658 | .3860414 | .2184031 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.958765 | 5.055291 | 4.926458 |
| #2 | 4.951737 | 5.038655 | 4.923238 |
| #3 | 4.922831 | 5.016532 | 4.943292 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 759.6540 | 1328.976 | 24188.85 | 10084.51 | 1099.405 |
| Stddev    | 2.8752   | 1.613    | 14.58    | .97      | .643     |
| %RSD      | .3784878 | .1213704 | .0602603 | .0095783 | .0584839 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 759.2016 | 1327.202 | 24205.66 | 10084.73 | 1099.949 |
| #2 | 762.7287 | 1330.355 | 24181.13 | 10085.34 | 1098.695 |
| #3 | 757.0319 | 1329.371 | 24179.75 | 10083.45 | 1099.572 |

Sample Name: CCB043      Acquired: 11/05/2020 13:59:41      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB043      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006336 | .0000570 | .0006772 | -.000238 | .0012226 | .0097211 | .0021258 |
| Stddev | .003969  | .0039066 | .0019535 | .005818  | .0009854 | .0072908 | .0005591 |
| %RSD   | 62.65060 | 6854.743 | 288.4779 | 2444.966 | 80.59341 | 75.00022 | 26.30162 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.009902 | -.001417 | .0029213 | -.006441 | .0004872 | .0138969 | .0024132 |
| #2 | -.007046 | -.002898 | -.000642 | .000630  | .0023422 | .0139638 | .0014815 |
| #3 | -.002059 | .004486  | -.000248 | .005098  | .0008385 | .0013024 | .0024829 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000143 | -.000096 | .0075590 | -.000124 | .0000055 | .0023098 | -.007721 |
| Stddev | .0000508 | .000108  | .0039739 | .000202  | .0002644 | .0014635 | .005374  |
| %RSD   | 356.4079 | 113.1193 | 52.57205 | 162.7315 | 4817.072 | 63.35722 | 69.59804 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000729 | -.000207 | .0072462 | -.000239 | -.000257 | .0010084 | -.004977 |
| #2 | -.000016 | .000009  | .0116801 | .000109  | .000002  | .0038941 | -.013913 |
| #3 | -.000014 | -.000088 | .0037507 | -.000244 | .000271  | .0020270 | -.004274 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000104 | -.017979 | -.000319 | .0002341 | .1344380 | .0009346 | -.023571 |
| Stddev | .000303  | .017014  | .000558  | .0006542 | .2448273 | .0028158 | .000900  |
| %RSD   | 291.1809 | 94.63052 | 175.0735 | 279.4400 | 182.1117 | 301.2951 | 3.817706 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000406 | -.000711 | -.000920 | .0006356 | .1213653 | .0037845 | -.024441 |
| #2 | -.000108 | -.018501 | -.000217 | -.000521 | .3855397 | -.001846 | -.023627 |
| #3 | .000201  | -.034726 | .000182  | .000588  | -.103591 | .000865  | -.022644 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0209999 | -.001839 | .0142190 | .0001761 | -.002299 | .0030782 | -.000721 |
| Stddev | .0217650 | .005576  | .0001297 | .0002016 | .003935  | .0011123 | .001553  |
| %RSD   | 103.6433 | 303.2385 | .9120119 | 114.4978 | 171.1496 | 36.13421 | 215.4710 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0446753 | .004589  | .0143666 | -.000056 | -.006584 | .0038396 | .000937  |
| #2 | .0018599 | -.005373 | .0141675 | .000310  | -.001463 | .0035933 | -.000957 |
| #3 | .0164647 | -.004732 | .0141231 | .000274  | .001151  | .0018018 | -.002142 |

Sample Name: CCB043      Acquired: 11/05/2020 13:59:41      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCB043      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0004799 | .0010531 | .0000020 |
| Stddev | .0008564 | .0016311 | .0000065 |
| %RSD   | 178.4380 | 154.8844 | 318.7128 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0010435 | .0023918 | .0000075 |
| #2 | -.000506 | -.000764 | .0000036 |
| #3 | .000902  | .001531  | -.000005 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 896.0335 | 1550.134 | 25907.54 | 10464.40 | 1358.840 |
| Stddev    | 1.1464   | 3.221    | 132.88   | 47.36    | 2.574    |
| %RSD      | .1279393 | .2077862 | .5128884 | .4525504 | .1894486 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 897.2693 | 1546.728 | 25771.25 | 10429.03 | 1358.396 |
| #2 | 895.0047 | 1550.541 | 26036.72 | 10518.20 | 1356.517 |
| #3 | 895.8267 | 1553.132 | 25914.64 | 10445.98 | 1361.608 |

Sample Name: PB132777BL      Acquired: 11/05/2020 14:03:51      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: PBW777      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001205 | -.003000 | -.000777 | .0003803 | -.000125 | .0018146 | .0015233 |
| Stddev | .003910  | .001966  | .001540  | .0034747 | .000933  | .0030021 | .0002528 |
| %RSD   | 324.4907 | 65.53548 | 198.0498 | 913.7526 | 748.6541 | 165.4393 | 16.59335 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005261 | -.005266 | -.000306 | .0042769 | .000820  | .0039356 | .0017046 |
| #2 | -.000895 | -.001749 | .000471  | -.002396 | -.000147 | .0031289 | .0012345 |
| #3 | .002541  | -.001985 | -.002498 | -.000740 | -.001046 | -.001621 | .0016307 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000016 | -.000176 | .0016479 | -.000385 | -.000102 | .0031202 | -.007348 |
| Stddev | .000134  | .000112  | .0085814 | .000242  | .000190  | .0020145 | .003585  |
| %RSD   | 822.2830 | 63.48898 | 520.7569 | 63.03602 | 186.6102 | 64.56404 | 48.79346 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000159 | -.000262 | -.006412 | -.000108 | -.000314 | .0014049 | -.011474 |
| #2 | .000108  | -.000050 | .000685  | -.000560 | -.000042 | .0053385 | -.005569 |
| #3 | .000003  | -.000217 | .010670  | -.000486 | .000051  | .0026171 | -.004999 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000215 | -.010485 | -.000491 | -.000087 | .0180776 | .0008307 | -.025760 |
| Stddev | .000378  | .016116  | .000224  | .000202  | .2385523 | .0013636 | .001507  |
| %RSD   | 175.5910 | 153.7049 | 45.69712 | 231.1496 | 1319.603 | 164.1608 | 5.850760 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000471 | -.000958 | -.000647 | -.000206 | .0786908 | .0003385 | -.026909 |
| #2 | -.000393 | -.029092 | -.000593 | .000146  | -.244934 | .0023720 | -.024053 |
| #3 | .000219  | -.001405 | -.000234 | -.000202 | .220476  | -.000219 | -.026318 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.087465 | -.000597 | .0058852 | -.000257 | -.005130 | .0016792 | .0009310 |
| Stddev | .057342  | .002750  | .0007261 | .000137  | .003302  | .0014613 | .0001374 |
| %RSD   | 65.55972 | 460.6422 | 12.33781 | 53.50893 | 64.36565 | 87.02296 | 14.76072 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.078203 | -.001703 | .0059115 | -.000416 | -.003982 | .0005922 | .0009920 |
| #2 | -.148874 | -.002622 | .0065978 | -.000182 | -.008853 | .0033403 | .0007736 |
| #3 | -.035318 | .002534  | .0051463 | -.000173 | -.002555 | .0011051 | .0010274 |

Sample Name: PB132777BL      Acquired: 11/05/2020 14:03:51      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: PBW777      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000557 | .0002845 | -.000108 |
| Stddev | .000699  | .0006467 | .000052  |
| %RSD   | 125.4153 | 227.3696 | 48.22401 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000066  | -.000450 | -.000060 |
| #2 | -.000424 | .000535  | -.000164 |
| #3 | -.001313 | .000768  | -.000101 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 897.8697 | 1549.772 | 25997.16 | 10533.49 | 1353.818 |
| Stddev    | 2.3321   | 4.590    | 17.02    | 41.68    | 1.160    |
| %RSD      | .2597398 | .2961974 | .0654624 | .3957070 | .0856557 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 895.7560 | 1544.791 | 26009.48 | 10532.63 | 1353.202 |
| #2 | 897.4815 | 1553.833 | 25977.74 | 10492.25 | 1353.096 |
| #3 | 900.3715 | 1550.692 | 26004.26 | 10575.60 | 1355.156 |

Sample Name: PB132777BS      Acquired: 11/05/2020 14:08:01      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS777      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0243376 | .0487253 | .0210164 | .0722544 | .1159854 | .4054340 |
| Stddev | .0070839 | .0035860 | .0016235 | .0007803 | .0008005 | .0024253 |
| %RSD   | 29.10669 | 7.359673 | 7.725079 | 1.079885 | .6901537 | .5981967 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0322104 | .0526233 | .0227001 | .0729226 | .1163432 | .4080672 |
| #2 | .0223235 | .0479863 | .0194607 | .0724438 | .1165445 | .4032918 |
| #3 | .0184788 | .0455664 | .0208882 | .0713969 | .1150684 | .4049431 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3088578 | .0096308 | .0097820 | 9.604783 | .0209891 | .0940510 |
| Stddev | .0023480 | .0000551 | .0001283 | .021651  | .0005833 | .0002299 |
| %RSD   | .7602152 | .5723788 | 1.312037 | .2254161 | 2.779183 | .2444250 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3115569 | .0095768 | .0099300 | 9.609897 | .0209331 | .0938738 |
| #2 | .3077300 | .0096869 | .0097144 | 9.581033 | .0204358 | .0939684 |
| #3 | .3072865 | .0096285 | .0097016 | 9.623419 | .0215984 | .0943107 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0447699 | .2080786 | .0308911 | 9.397320 | .0803575 | .0190943 |
| Stddev | .0030524 | .0031163 | .0008190 | .037567  | .0007611 | .0007528 |
| %RSD   | 6.817987 | 1.497633 | 2.651075 | .3997683 | .9471578 | 3.942550 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0468753 | .2095009 | .0308443 | 9.371687 | .0809161 | .0188590 |
| #2 | .0461653 | .2102299 | .0300965 | 9.379829 | .0806658 | .0184872 |
| #3 | .0412692 | .2045049 | .0317324 | 9.440444 | .0794906 | .0199366 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.498784 | .0996309 | .1012673 | 9.130836 | .0160393 | F .0237262 |
| Stddev | .181617  | .0013889 | .0033618 | .039889  | .0018516 | .0004875   |
| %RSD   | 1.911999 | 1.393998 | 3.319764 | .4368609 | 11.54392 | 2.054493   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.670619 | .0980328 | .0979423 | 9.126254 | .0145483 | .0232283 |
| #2 | 9.516979 | .1003142 | .1046648 | 9.172819 | .0154578 | .0237480 |
| #3 | 9.308755 | .1005458 | .1011948 | 9.093437 | .0181118 | .0242025 |

Sample Name: PB132777BS      Acquired: 11/05/2020 14:08:01      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: LCS777      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0198508 | .1481044 | .1962085 | .0130272 | .1948433 | F .0904116 |
| Stddev | .0003595 | .0050290 | .0012162 | .0011780 | .0009532 | .0006320   |
| %RSD   | 1.810801 | 3.395588 | .6198354 | 9.042987 | .4892352 | .6990816   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0202658 | .1536645 | .1975081 | .0126194 | .1954212 | .0901909 |
| #2 | .0196388 | .1438735 | .1950978 | .0143550 | .1953656 | .0911245 |
| #3 | .0196477 | .1467752 | .1960195 | .0121073 | .1937431 | .0899196 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1865048 |
| Stddev | .0003124 |
| %RSD   | .1675068 |

|    |          |
|----|----------|
| #1 | .1868263 |
| #2 | .1864858 |
| #3 | .1862024 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 903.6600 | 1559.873 | 26308.05 | 10769.72 | 1376.992 |
| Stddev    | 3.7058   | .890     | 64.20    | 47.03    | 1.220    |
| %RSD      | .4100931 | .0570288 | .2440440 | .4366484 | .0885872 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 907.8884 | 1560.900 | 26341.78 | 10823.87 | 1376.109 |
| #2 | 902.1146 | 1559.392 | 26234.01 | 10739.07 | 1376.483 |
| #3 | 900.9769 | 1559.328 | 26348.36 | 10746.24 | 1378.384 |

Sample Name: PB132778BL      Acquired: 11/05/2020 14:12:09      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PBW778      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002123 | .0029483 | -.000472 | -.002358 | -.001368 | .0007970 | .0011283 |
| Stddev | .002586  | .0025659 | .001613  | .000606  | .001168  | .0046050 | .0005038 |
| %RSD   | 121.8025 | 87.02899 | 341.5532 | 25.68583 | 85.38162 | 577.8024 | 44.64829 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000804 | .0035402 | -.001452 | -.001689 | -.001412 | -.004373 | .0007565 |
| #2 | -.000463 | .0051665 | -.001353 | -.002870 | -.002514 | .002303  | .0017016 |
| #3 | -.005102 | .0001382 | .001389  | -.002514 | -.000179 | .004460  | .0009268 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001148 | -.000065 | .0110977 | -.000364 | -.000054 | .0006039 | -.005648 |
| Stddev | .0000657 | .000026  | .0041648 | .000480  | .000093  | .0016098 | .003566  |
| %RSD   | 57.21186 | 40.63387 | 37.52877 | 131.9128 | 172.2237 | 266.5693 | 63.13031 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000597 | -.000060 | .0159068 | .000182  | .000053  | -.000785 | -.008007 |
| #2 | .0000973 | -.000093 | .0086812 | -.000556 | -.000097 | .002368  | -.001546 |
| #3 | .0001875 | -.000041 | .0087052 | -.000718 | -.000118 | .000228  | -.007391 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000120 | -.003330 | .0002012 | .0002612 | -.086156 | .0006452 | -.027357 |
| Stddev | .000036  | .029961  | .0002792 | .0001709 | .086305  | .0017777 | .000989  |
| %RSD   | 29.88575 | 899.7684 | 138.7605 | 65.41430 | 100.1728 | 275.5292 | 3.614754 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000079 | .029701  | .0001388 | .0001901 | -.122308 | .0012917 | -.026219 |
| #2 | -.000144 | -.028755 | .0005064 | .0001374 | -.148507 | -.001365 | -.028012 |
| #3 | -.000137 | -.010935 | -.000041 | .0004562 | .012346  | .002009  | -.027839 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.092516 | -.002272 | .0019137 | -.000216 | -.008666 | .0037659 | -.001446 |
| Stddev | .055030  | .002954  | .0010935 | .000090  | .003952  | .0016143 | .001503  |
| %RSD   | 59.48153 | 130.0321 | 57.14301 | 41.55560 | 45.60230 | 42.86657 | 103.9299 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.050275 | -.000529 | .0026459 | -.000188 | -.013004 | .0019309 | -.000054 |
| #2 | -.072526 | -.000604 | .0024385 | -.000316 | -.007721 | .0043999 | -.001244 |
| #3 | -.154747 | -.005683 | .0006567 | -.000144 | -.005272 | .0049671 | -.003039 |

Sample Name: PB132778BL      Acquired: 11/05/2020 14:12:09      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PBW778      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0004730 | -.000328 | -.000025 |
| Stddev | .0002974 | .000948  | .000025  |
| %RSD   | 62.86665 | 289.2816 | 102.9702 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0005794 | -.001202 | .000004  |
| #2 | .0007025 | .000679  | -.000043 |
| #3 | .0001371 | -.000459 | -.000035 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 894.8593 | 1551.816 | 25981.20 | 10659.68 | 1356.297 |
| Stddev    | 3.5001   | 2.190    | 34.37    | 23.51    | 1.428    |
| %RSD      | .3911354 | .1411076 | .1323023 | .2205796 | .1052971 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 893.7159 | 1554.221 | 26007.45 | 10673.10 | 1354.658 |
| #2 | 898.7881 | 1549.937 | 25993.86 | 10632.53 | 1356.966 |
| #3 | 892.0739 | 1551.289 | 25942.29 | 10673.40 | 1357.269 |

Sample Name: PB132778BS      Acquired: 11/05/2020 14:16:20      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: LCS778      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0232764 | .0470500 | .0194393 | .0720413 | .1194804 | .4020487 |
| Stddev | .0032062 | .0052001 | .0009828 | .0033933 | .0006898 | .0037493 |
| %RSD   | 13.77427 | 11.05234 | 5.055874 | 4.710240 | .5773722 | .9325553 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0236145 | .0426421 | .0202082 | .0756952 | .1202494 | .3985726 |
| #2 | .0199146 | .0527851 | .0197777 | .0714397 | .1189159 | .4015517 |
| #3 | .0263001 | .0457229 | .0183320 | .0689890 | .1192760 | .4060217 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3049779 | .0096220 | .0098174 | 9.577542 | .0213953 | .0945184 |
| Stddev | .0011776 | .0001345 | .0000525 | .022660  | .0005454 | .0005890 |
| %RSD   | .3861361 | 1.397922 | .5343363 | .2365949 | 2.549165 | .6231595 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3051259 | .0095382 | .0097903 | 9.588224 | .0220251 | .0949534 |
| #2 | .3037333 | .0095506 | .0098779 | 9.551515 | .0210823 | .0938482 |
| #3 | .3060745 | .0097771 | .0097841 | 9.592886 | .0210786 | .0947538 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0427967 | .2039351 | .0305849 | 9.292059 | .0808443 | .0188722 |
| Stddev | .0014846 | .0033552 | .0005645 | .024507  | .0003454 | .0002306 |
| %RSD   | 3.468931 | 1.645232 | 1.845795 | .2637417 | .4272326 | 1.222011 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0421307 | .2075087 | .0305084 | 9.272680 | .0809782 | .0186167 |
| #2 | .0444977 | .2034443 | .0311838 | 9.319607 | .0811026 | .0189346 |
| #3 | .0417617 | .2008524 | .0300625 | 9.283891 | .0804520 | .0190651 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.516198 | .0997643 | .1003434 | 9.066595 | .0193192 | F .0208412 |
| Stddev | .120554  | .0019488 | .0031766 | .074236  | .0062217 | .0001721   |
| %RSD   | 1.266826 | 1.953358 | 3.165678 | .8187826 | 32.20503 | .8256340   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.559064 | .0990303 | .0966781 | 8.982132 | .0123266 | .0207950 |
| #2 | 9.380069 | .0982892 | .1020550 | 9.121490 | .0242432 | .0210317 |
| #3 | 9.609460 | .1019735 | .1022971 | 9.096164 | .0213877 | .0206970 |

Sample Name: PB132778BS      Acquired: 11/05/2020 14:16:20      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS778      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0202731 | .1468645 | .1970205 | .0130455 | .1919323 | F .0897248 |
| Stddev | .0008088 | .0016577 | .0005065 | .0018270 | .0016177 | .0006195   |
| %RSD   | 3.989345 | 1.128701 | .2570669 | 14.00468 | .8428583 | .6904269   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0209005 | .1487192 | .1971803 | .0132094 | .1915493 | .0899170 |
| #2 | .0205584 | .1463468 | .1964534 | .0147850 | .1937072 | .0902254 |
| #3 | .0193603 | .1455275 | .1974278 | .0111421 | .1905405 | .0890320 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1859549 |
| Stddev | .0003496 |
| %RSD   | .1879954 |

|    |          |
|----|----------|
| #1 | .1859527 |
| #2 | .1863055 |
| #3 | .1856064 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 905.9308 | 1547.064 | 26373.23 | 10776.59 | 1367.886 |
| Stddev    | 2.5737   | 1.625    | 42.66    | 12.98    | 1.642    |
| %RSD      | .2840923 | .1050475 | .1617493 | .1204550 | .1200315 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 904.1974 | 1545.373 | 26330.43 | 10762.25 | 1366.016 |
| #2 | 904.7069 | 1547.207 | 26373.52 | 10779.99 | 1369.092 |
| #3 | 908.8880 | 1548.614 | 26415.75 | 10787.54 | 1368.550 |

Sample Name: L4577-01      Acquired: 11/05/2020 14:20:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P00      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0094785 | -.000447 | .0032359 | .0076131 | .0006289 | .0409183 |
| Stddev | .0111523 | .003476  | .0009708 | .0066624 | .0014939 | .0076030 |
| %RSD   | 117.6585 | 777.8651 | 30.00145 | 87.51205 | 237.5206 | 18.58095 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0209877 | .003452  | .0034184 | .0112106 | -.000444 | .0399176 |
| #2 | .0087266 | -.001571 | .0021868 | .0117034 | .002335  | .0489720 |
| #3 | -.001279 | -.003223 | .0041026 | -.000075 | -.000005 | .0338651 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0124032 | .0000827 | -.000069 | 500.1465 | .0026020 | -.002118 |
| Stddev | .0004130 | .0001712 | .000106  | 9.6506   | .0009005 | .000042  |
| %RSD   | 3.329495 | 207.1111 | 153.7674 | 1.929546 | 34.60768 | 1.990305 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0119600 | .0001294 | -.000181 | 493.4084 | .0035989 | -.002166 |
| #2 | .0124725 | -.000107 | .000030  | 511.2020 | .0023592 | -.002100 |
| #3 | .0127771 | .000226  | -.000056 | 495.8290 | .0018478 | -.002088 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0245878 | .0876048 | .0028988 | 196.4197 | -.000952 | .0000913 |
| Stddev | .0012422 | .0075968 | .0001373 | 1.3122   | .000338  | .0001736 |
| %RSD   | 5.052132 | 8.671608 | 4.736599 | .6680416 | 35.47269 | 190.2176 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0256651 | .0820848 | .0027418 | 194.9113 | -.001105 | .0002796 |
| #2 | .0248693 | .0844608 | .0029966 | 197.2975 | -.000565 | .0000565 |
| #3 | .0232290 | .0962689 | .0029580 | 197.0504 | -.001185 | -.000062 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 392.3580 | .0034637 | .0015562 | 2.848884 | .0070075 | .0569894 |
| Stddev | 1.0096   | .0006921 | .0003640 | .012328  | .0033176 | .0010144 |
| %RSD   | .2573118 | 19.98159 | 23.39082 | .4327339 | 47.34385 | 1.779934 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 391.3065 | .0032242 | .0011412 | 2.863065 | .0041185 | .0559514 |
| #2 | 392.4478 | .0029232 | .0017061 | 2.840719 | .0062733 | .0570384 |
| #3 | 393.3197 | .0042438 | .0018214 | 2.842867 | .0106307 | .0579783 |

Sample Name: L4577-01      Acquired: 11/05/2020 14:20:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P00      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000755 | F 476.4353 | 10.17780 | -.009085 | -.010454 | .0499625 |
| Stddev | .000474  | 1.9853     | .10875   | .002393  | .001011  | .0008516 |
| %RSD   | 62.78714 | .4167083   | 1.068475 | 26.34186 | 9.672709 | 1.704404 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001300 | 474.5652 | 10.07447 | -.007481 | -.009348 | .0498136 |
| #2 | -.000447 | 476.2220 | 10.29125 | -.007939 | -.010681 | .0491952 |
| #3 | -.000516 | 478.5186 | 10.16770 | -.011836 | -.011332 | .0508787 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 7.511045 |
| Stddev | .009785  |
| %RSD   | .1302780 |

|    |          |
|----|----------|
| #1 | 7.508388 |
| #2 | 7.521885 |
| #3 | 7.502864 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 813.2801 | 1387.205 | 24600.08 | 10348.87 | 1147.833 |
| Stddev    | 2.8749   | 3.421    | 129.16   | 102.18   | .624     |
| %RSD      | .3534920 | .2465776 | .5250534 | .9873563 | .0543479 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 814.5879 | 1387.986 | 24518.03 | 10425.07 | 1147.324 |
| #2 | 809.9838 | 1390.168 | 24533.24 | 10232.76 | 1148.529 |
| #3 | 815.2686 | 1383.462 | 24748.96 | 10388.79 | 1147.645 |

Sample Name: L4577-02      Acquired: 11/05/2020 14:24:54      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P00D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004059 | -.003302 | .0014044 | .0075610 | .0031353 | .0454048 |
| Stddev | .0048081 | .004297  | .0004396 | .0020275 | .0025172 | .0065433 |
| %RSD   | 1184.643 | 130.1215 | 31.30142 | 26.81528 | 80.28536 | 14.41101 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0034417 | .001323  | .0010603 | .0054432 | .0023777 | .0429128 |
| #2 | -.005138 | -.004058 | .0018996 | .0094842 | .0059443 | .0528279 |
| #3 | .002914  | -.007171 | .0012533 | .0077557 | .0010839 | .0404736 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0116738 | .0000909 | -.000248 | 493.4373 | .0026775 | -.002020 |
| Stddev | .0002867 | .0000900 | .000173  | 2.2133   | .0006491 | .000473  |
| %RSD   | 2.456106 | 98.93837 | 69.71823 | .4485571 | 24.24186 | 23.40756 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0118964 | .0000588 | -.000314 | 490.9879 | .0031703 | -.002301 |
| #2 | .0117747 | .0001926 | -.000052 | 495.2939 | .0029202 | -.001474 |
| #3 | .0113502 | .0000214 | -.000379 | 494.0300 | .0019421 | -.002285 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0281586 | .0783296 | .0025467 | 195.6728 | -.000288 | .0002932 |
| Stddev | .0011027 | .0091760 | .0001749 | .5934    | .000252  | .0004582 |
| %RSD   | 3.916164 | 11.71455 | 6.868262 | .3032489 | 87.50074 | 156.2905 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0284798 | .0885290 | .0026299 | 196.0652 | -.000410 | -.000236 |
| #2 | .0290650 | .0707445 | .0023457 | 194.9902 | .000002  | .000555  |
| #3 | .0269309 | .0757152 | .0026645 | 195.9631 | -.000455 | .000560  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 390.1220 | .0032674 | .0014580 | 2.843837 | -.000173 | .0546051 |
| Stddev | .2450    | .0046607 | .0011959 | .043590  | .009295  | .0013680 |
| %RSD   | .0627927 | 142.6432 | 82.02177 | 1.532784 | 5365.034 | 2.505249 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 390.0724 | .0053830 | .0013472 | 2.841585 | .007032  | .0551983 |
| #2 | 390.3879 | -.002076 | .0003214 | 2.888510 | -.010665 | .0555765 |
| #3 | 389.9056 | .006495  | .0027054 | 2.801417 | .003114  | .0530407 |

Sample Name: L4577-02      Acquired: 11/05/2020 14:24:54      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P00D      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000421 | F 472.2802 | 10.03371 | -.006864 | -.010123 | .0525713 |
| Stddev | .000320  | 6.4708     | .10824   | .001000  | .000931  | .0012499 |
| %RSD   | 75.97685 | 1.370113   | 1.078766 | 14.56864 | 9.198283 | 2.377478 |
|        |          |            |          |          |          |          |
| #1     | -.000747 | 465.0195   | 10.15403 | -.007644 | -.011194 | .0511455 |
| #2     | -.000109 | 474.3832   | 10.00286 | -.007211 | -.009670 | .0530906 |
| #3     | -.000406 | 477.4379   | 9.94424  | -.005737 | -.009505 | .0534779 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 7.422106 |
| Stddev | .051287  |
| %RSD   | .6910007 |
|        |          |
| #1     | 7.398903 |
| #2     | 7.480894 |
| #3     | 7.386522 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 827.2642 | 1403.555 | 25077.18 | 10577.49 | 1165.080 |
| Stddev    | 4.4166   | 14.703   | 161.09   | 95.08    | 10.608   |
| %RSD      | .5338801 | 1.047566 | .6423822 | .8988683 | .9105241 |
|           |          |          |          |          |          |
| #1        | 822.1730 | 1420.456 | 24897.14 | 10477.08 | 1177.321 |
| #2        | 829.5533 | 1393.707 | 25126.70 | 10589.22 | 1158.582 |
| #3        | 830.0663 | 1396.502 | 25207.69 | 10666.15 | 1159.336 |

Sample Name: L4577-03      Acquired: 11/05/2020 14:29:16      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P00S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0417452 | .0304154 | .0232390 | .0583284 | .1009142 | 2.074186 |
| Stddev | .0047424 | .0054914 | .0022268 | .0027032 | .0013879 | .008168  |
| %RSD   | 11.36021 | 18.05466 | 9.582232 | 4.634451 | 1.375308 | .3937795 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0367821 | .0252280 | .0248246 | .0608974 | .1022442 | 2.075358 |
| #2 | .0462307 | .0298509 | .0241992 | .0555085 | .1010234 | 2.081704 |
| #3 | .0422229 | .0361672 | .0206931 | .0585792 | .0994749 | 2.065495 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.081388 | .0455886 | .0482840 | 510.5012 | .2085570 | .5003785 |
| Stddev | .007661  | .0001376 | .0003004 | 2.6781   | .0011165 | .0029842 |
| %RSD   | .3680859 | .3018931 | .6221920 | .5245986 | .5353650 | .5963827 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.072943 | .0457456 | .0479944 | 512.9277 | .2089980 | .4986874 |
| #2 | 2.083328 | .0454889 | .0482634 | 507.6278 | .2093858 | .4986239 |
| #3 | 2.087893 | .0455312 | .0485942 | 510.9482 | .2072874 | .5038241 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2463379 | 1.125692 | .4875678 | 199.3872 | .5056536 | .0507116 |
| Stddev | .0017391 | .007806  | .0040583 | .8145    | .0031241 | .0003450 |
| %RSD   | .7059805 | .6934835 | .8323600 | .4084794 | .6178236 | .6802888 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2449697 | 1.118515 | .4840749 | 200.3000 | .5028998 | .0507820 |
| #2 | .2482950 | 1.134003 | .4866087 | 199.1271 | .5050125 | .0510159 |
| #3 | .2457489 | 1.124557 | .4920197 | 198.7346 | .5090484 | .0503368 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 398.3728 | .5125049 | .5746050 | 2.978071 | .0055965 | .0556040 |
| Stddev | .5422    | .0035224 | .0042253 | .047522  | .0043817 | .0011030 |
| %RSD   | .1360983 | .6872806 | .7353350 | 1.595736 | 78.29243 | 1.983662 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 397.8714 | .5084598 | .5783624 | 2.923390 | .0021674 | .0545236 |
| #2 | 398.2989 | .5148946 | .5754217 | 3.001436 | .0105328 | .0567283 |
| #3 | 398.9482 | .5141603 | .5700311 | 3.009388 | .0040894 | .0555601 |

Sample Name: L4577-03      Acquired: 11/05/2020 14:29:16      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P00S      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000914 | F 479.3905 | 10.24487 | -.006123 | -.011073 | .0525389 |
| Stddev | .000381  | 2.1437     | .04231   | .001129  | .000759  | .0009251 |
| %RSD   | 41.71795 | .4471681   | .4130015 | 18.43600 | 6.850160 | 1.760789 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000921 | 479.0784 | 10.28126 | -.007421 | -.010691 | .0525025 |
| #2 | -.001291 | 477.4200 | 10.19845 | -.005377 | -.010581 | .0534817 |
| #3 | -.000529 | 481.6732 | 10.25491 | -.005570 | -.011947 | .0516325 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 7.614337 |
| Stddev | .079011  |
| %RSD   | 1.037663 |

|    |          |
|----|----------|
| #1 | 7.697224 |
| #2 | 7.539877 |
| #3 | 7.605909 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 815.3452 | 1400.208 | 24812.85 | 10512.30 | 1158.513 |
| Stddev    | 3.3474   | 1.894    | 101.05   | 44.57    | 3.741    |
| %RSD      | .4105561 | .1353002 | .4072355 | .4239894 | .3229113 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 812.0999 | 1398.948 | 24831.23 | 10474.99 | 1158.484 |
| #2 | 815.1495 | 1399.289 | 24703.87 | 10561.65 | 1162.268 |
| #3 | 818.7862 | 1402.387 | 24903.44 | 10500.25 | 1154.786 |

Sample Name: L4577-01LX5      Acquired: 11/05/2020 14:33:33      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MF4P00L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013953 | .0039503 | -.002026 | .0025943 | -.002247 | .0926658 | .0024238 |
| Stddev | .0038586 | .0027417 | .000691  | .0016208 | .001962  | .0040551 | .0006084 |
| %RSD   | 276.5471 | 69.40436 | 34.11643 | 62.47703 | 87.32180 | 4.376074 | 25.10239 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003044 | .0047019 | -.002380 | .0044312 | -.001947 | .0929194 | .0017341 |
| #2 | .003947  | .0009112 | -.001230 | .0013653 | -.000453 | .0965882 | .0026527 |
| #3 | .003283  | .0062377 | -.002469 | .0019864 | -.004343 | .0884899 | .0028846 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001085 | -.000163 | 97.12843 | .0007669 | -.001471 | .0050884 | .0056587 |
| Stddev | .0000532 | .000062  | .18061   | .0007356 | .000175  | .0008638 | .0059848 |
| %RSD   | 49.02069 | 38.00790 | .1859476 | 95.91372 | 11.88403 | 16.97521 | 105.7638 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001196 | -.000216 | 97.30165 | .0012911 | -.001598 | .0044218 | .0090945 |
| #2 | .0000507 | -.000180 | 96.94125 | .0010837 | -.001544 | .0047791 | .0091336 |
| #3 | .0001554 | -.000095 | 97.14239 | -.000074 | -.001272 | .0060642 | -.001252 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004181 | 37.02955 | -.000257 | .0001834 | 73.88242 | .0000929 | -.023044 |
| Stddev | .0002413 | .13154   | .000767  | .0003580 | .55367   | .0014843 | .000156  |
| %RSD   | 57.71467 | .3552258 | 298.9196 | 195.2063 | .7493901 | 1596.874 | .6765220 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002620 | 37.11957 | -.001038 | .0005434 | 73.81525 | .0017941 | -.023012 |
| #2 | .0002963 | 36.87860 | -.000227 | .0001795 | 73.36540 | -.000938 | -.022906 |
| #3 | .0006960 | 37.09048 | .000495  | -.000173 | 74.46661 | -.000577 | -.023213 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4862957 | -.000831 | .0089420 | -.000258 | 89.02615 | 1.996597 | -.004555 |
| Stddev | .0562170 | .003842  | .0008002 | .000088  | .40396   | .011057  | .001828  |
| %RSD   | 11.56025 | 462.2441 | 8.948871 | 34.08985 | .4537567 | .5537925 | 40.13050 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5507886 | -.002383 | .0081477 | -.000237 | 88.75459 | 2.004443 | -.002565 |
| #2 | .4604407 | .003544  | .0089302 | -.000354 | 88.83349 | 1.983951 | -.006159 |
| #3 | .4476578 | -.003655 | .0097480 | -.000182 | 89.49038 | 2.001397 | -.004940 |

Sample Name: L4577-01LX5      Acquired: 11/05/2020 14:33:33      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MF4P00L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002237 | .0109757 | 1.427846 |
| Stddev | .000565  | .0012556 | .002823  |
| %RSD   | 25.24987 | 11.43943 | .1977155 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001585 | .0123884 | 1.430591 |
| #2 | -.002573 | .0105517 | 1.424951 |
| #3 | -.002554 | .0099871 | 1.427997 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 893.2307 | 1530.524 | 26490.22 | 11035.71 | 1333.206 |
| Stddev    | 1.4777   | 1.601    | 27.59    | 14.40    | 4.377    |
| %RSD      | .1654330 | .1045804 | .1041417 | .1304655 | .3283146 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 894.2461 | 1532.372 | 26491.68 | 11023.67 | 1332.011 |
| #2 | 891.5354 | 1529.616 | 26461.93 | 11051.66 | 1338.056 |
| #3 | 893.9106 | 1529.583 | 26517.05 | 11031.80 | 1329.550 |

Sample Name: L4578-02      Acquired: 11/05/2020 14:37:36      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P01D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016060 | -.006228 | -.000025 | .0065144 | .0004554 | .0266009 |
| Stddev | .0098034 | .004735  | .000353  | .0050426 | .0023941 | .0137824 |
| %RSD   | 610.4122 | 76.02111 | 1427.131 | 77.40777 | 525.7089 | 51.81180 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.007790 | -.003788 | .000344  | .0037831 | -.002279 | .0355619 |
| #2 | .000837  | -.011685 | -.000359 | .0123335 | .001468  | .0335103 |
| #3 | .011771  | -.003211 | -.000060 | .0034266 | .002177  | .0107305 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0119175 | .0000506 | -.000154 | 508.8295 | .0022910 | -.001797 |
| Stddev | .0002764 | .0000347 | .000080  | 4.5406   | .0003433 | .000168  |
| %RSD   | 2.319438 | 68.62148 | 51.95883 | .8923635 | 14.98405 | 9.370317 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0121960 | .0000500 | -.000069 | 504.7339 | .0019026 | -.001916 |
| #2 | .0119132 | .0000162 | -.000228 | 508.0423 | .0024166 | -.001870 |
| #3 | .0116432 | .0000857 | -.000163 | 513.7122 | .0025537 | -.001604 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0142566 | .0153673 | .0026768 | 198.4235 | -.000622 | -.000124 |
| Stddev | .0010455 | .0043837 | .0005365 | 1.1064   | .000542  | .000452  |
| %RSD   | 7.333137 | 28.52609 | 20.04162 | .5575940 | 87.03836 | 364.1568 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0145224 | .0128102 | .0032935 | 197.1810 | -.001040 | -.000556 |
| #2 | .0131039 | .0204291 | .0023179 | 198.7876 | -.000010 | .000345  |
| #3 | .0151435 | .0128626 | .0024190 | 199.3021 | -.000816 | -.000162 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 397.9777 | .0042814 | -.007442 | 2.966464 | -.003771 | .0548145 |
| Stddev | 2.3006   | .0018156 | .002965  | .012548  | .007117  | .0002858 |
| %RSD   | .5780835 | 42.40714 | 39.84295 | .4229867 | 188.6936 | .5213159 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 395.5396 | .0063482 | -.009672 | 2.973936 | -.007706 | .0549747 |
| #2 | 398.2832 | .0029433 | -.004077 | 2.973478 | -.008052 | .0549842 |
| #3 | 400.1103 | .0035527 | -.008578 | 2.951977 | .004444  | .0544846 |

Sample Name: L4578-02      Acquired: 11/05/2020 14:37:36      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P01D      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000637 | F 486.0415 | 10.21644 | -.005874 | -.010455 | .0534080 |
| Stddev | .000168  | .3784      | .03420   | .000826  | .001118  | .0007854 |
| %RSD   | 26.31580 | .0778496   | .3347749 | 14.05891 | 10.69611 | 1.470582 |
|        |          |            |          |          |          |          |
| #1     | -.000529 | 485.6880   | 10.17708 | -.005093 | -.009179 | .0525156 |
| #2     | -.000553 | 485.9959   | 10.23899 | -.005792 | -.010923 | .0537142 |
| #3     | -.000831 | 486.4406   | 10.23324 | -.006738 | -.011263 | .0539941 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 7.610307 |
| Stddev | .072345  |
| %RSD   | .9506205 |
|        |          |
| #1     | 7.560529 |
| #2     | 7.577098 |
| #3     | 7.693295 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 820.2709 | 1399.015 | 24952.47 | 10653.00 | 1157.584 |
| Stddev    | 3.2000   | 1.044    | 135.26   | 11.80    | 2.746    |
| %RSD      | .3901103 | .0746056 | .5420870 | .1107210 | .2372148 |
|           |          |          |          |          |          |
| #1        | 816.7132 | 1399.272 | 24826.08 | 10656.29 | 1159.629 |
| #2        | 821.1859 | 1397.867 | 25095.13 | 10662.80 | 1158.660 |
| #3        | 822.9138 | 1399.907 | 24936.21 | 10639.91 | 1154.463 |

Sample Name: L4578-01      Acquired: 11/05/2020 14:41:58      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044244 | .0020414 | .0018911 | .0083234 | .0033149 | .0269366 |
| Stddev | .0069907 | .0029463 | .0009702 | .0036339 | .0018507 | .0096553 |
| %RSD   | 158.0022 | 144.3263 | 51.30220 | 43.65892 | 55.82970 | 35.84452 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000270 | .0042858 | .0007715 | .0119410 | .0022719 | .0183321 |
| #2 | .012459  | .0031334 | .0024837 | .0046734 | .0054516 | .0250990 |
| #3 | .001085  | -.001295 | .0024182 | .0083557 | .0022211 | .0373786 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0123832 | .0000770 | -.000052 | 507.7043 | .0019661 | -.001815 |
| Stddev | .0003101 | .0000509 | .000046  | 5.4264   | .0005995 | .000324  |
| %RSD   | 2.504417 | 66.08865 | 89.03239 | 1.068805 | 30.48972 | 17.86192 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0122805 | .0001351 | -.000057 | 501.7733 | .0014298 | -.001714 |
| #2 | .0121375 | .0000558 | -.000095 | 508.9196 | .0026133 | -.002178 |
| #3 | .0127317 | .0000402 | -.000003 | 512.4199 | .0018553 | -.001553 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0147443 | .0129820 | .0028120 | 199.3529 | .0001908 | .0003920 |
| Stddev | .0006814 | .0039662 | .0001362 | .7778    | .0009493 | .0003855 |
| %RSD   | 4.621263 | 30.55185 | 4.844133 | .3901532 | 497.5674 | 98.32085 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0155129 | .0157818 | .0026623 | 198.8033 | -.000691 | -.000044 |
| #2 | .0145055 | .0147208 | .0029287 | 200.2429 | .001196  | .000534  |
| #3 | .0142145 | .0084433 | .0028450 | 199.0126 | .000068  | .000686  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 398.7195 | .0048337 | -.004541 | 2.932712 | .0036107 | .0535865 |
| Stddev | 1.4214   | .0009848 | .001659  | .086292  | .0084294 | .0006322 |
| %RSD   | .3564810 | 20.37310 | 36.53944 | 2.942395 | 233.4522 | 1.179825 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 398.4889 | .0055672 | -.003988 | 2.833171 | .0132658 | .0530925 |
| #2 | 400.2421 | .0052195 | -.003228 | 2.978595 | -.002284 | .0542990 |
| #3 | 397.4276 | .0037145 | -.006406 | 2.986369 | -.000150 | .0533681 |

Sample Name: L4578-01      Acquired: 11/05/2020 14:41:58      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P01      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000284 | F 483.3650 | 10.22551 | -.007254 | -.009834 | .0533490 |
| Stddev | .000253  | 1.4484     | .03319   | .000488  | .000558  | .0001055 |
| %RSD   | 89.31259 | .2996582   | .3245452 | 6.723079 | 5.674840 | .1977033 |
|        |          |            |          |          |          |          |
| #1     | -.000031 | 482.2147   | 10.19420 | -.007776 | -.009913 | .0533448 |
| #2     | -.000538 | 482.8886   | 10.22204 | -.007175 | -.009240 | .0532457 |
| #3     | -.000283 | 484.9916   | 10.26029 | -.006810 | -.010348 | .0534565 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 7.522875 |
| Stddev | .013147  |
| %RSD   | .1747649 |
|        |          |
| #1     | 7.536474 |
| #2     | 7.510231 |
| #3     | 7.521921 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 823.2792 | 1408.543 | 25051.65 | 10668.81 | 1165.724 |
| Stddev    | 2.6197   | 2.871    | 56.12    | 10.47    | 1.902    |
| %RSD      | .3182035 | .2038310 | .2240238 | .0981390 | .1631341 |
|           |          |          |          |          |          |
| #1        | 823.4910 | 1411.305 | 25041.32 | 10674.35 | 1165.614 |
| #2        | 820.5600 | 1405.574 | 25001.40 | 10656.73 | 1163.879 |
| #3        | 825.7866 | 1408.751 | 25112.21 | 10675.34 | 1167.678 |

Sample Name: L4578-03      Acquired: 11/05/2020 14:46:19      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P01S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0515301 | .0326778 | .0238337 | .0567264 | .1040175 | 2.128607 |
| Stddev | .0046101 | .0045771 | .0022695 | .0024415 | .0028168 | .003394  |
| %RSD   | 8.946385 | 14.00686 | 9.522025 | 4.304066 | 2.708011 | .1594570 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0563457 | .0296694 | .0240672 | .0594744 | .1049934 | 2.131307 |
| #2 | .0471576 | .0304186 | .0259773 | .0558973 | .1008426 | 2.129717 |
| #3 | .0510871 | .0379453 | .0214565 | .0548073 | .1062166 | 2.124796 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.156936 | .0471728 | .0502321 | 508.2723 | .2155331 | .5169512 |
| Stddev | .006946  | .0003421 | .0001902 | 3.3977   | .0003972 | .0015216 |
| %RSD   | .3220194 | .7252361 | .3785589 | .6684867 | .1843108 | .2943307 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.160227 | .0475300 | .0504489 | 511.4692 | .2159079 | .5187014 |
| #2 | 2.148956 | .0468481 | .0500937 | 508.6435 | .2155747 | .5162088 |
| #3 | 2.161624 | .0471403 | .0501537 | 504.7042 | .2151166 | .5159433 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2416335 | 1.096441 | .5044406 | 200.1857 | .5236830 | .0527137 |
| Stddev | .0013920 | .001324  | .0021053 | .4974    | .0008721 | .0004244 |
| %RSD   | .5760655 | .1207715 | .4173533 | .2484763 | .1665265 | .8050969 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2406560 | 1.096726 | .5063865 | 199.7136 | .5241830 | .0525350 |
| #2 | .2410173 | 1.094997 | .5022057 | 200.1386 | .5241900 | .0524079 |
| #3 | .2432272 | 1.097599 | .5047295 | 200.7050 | .5226760 | .0531983 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 400.5030 | .5272033 | .5827914 | 2.919649 | -.001755 | .0547537 |
| Stddev | .5603    | .0023872 | .0059470 | .012185  | .005093  | .0014940 |
| %RSD   | .1399010 | .4527986 | 1.020428 | .4173532 | 290.2544 | 2.728527 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 399.9125 | .5297177 | .5760696 | 2.927922 | -.002327 | .0562736 |
| #2 | 400.5691 | .5249679 | .5849357 | 2.905656 | .003600  | .0532871 |
| #3 | 401.0273 | .5269243 | .5873688 | 2.925369 | -.006537 | .0547005 |

Sample Name: L4578-03      Acquired: 11/05/2020 14:46:19      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P01S      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000481 | F 480.2968 | 10.25662 | -.007611 | -.010577 | .0540337 |
| Stddev | .000581  | 1.9510     | .04205   | .001787  | .000666  | .0004702 |
| %RSD   | 120.7706 | .4062157   | .4100029 | 23.47310 | 6.298665 | .8701733 |
|        |          |            |          |          |          |          |
| #1     | -.000997 | 482.4666   | 10.29818 | -.008850 | -.010776 | .0540239 |
| #2     | -.000594 | 478.6870   | 10.21409 | -.005563 | -.011122 | .0545086 |
| #3     | .000148  | 479.7368   | 10.25758 | -.008421 | -.009834 | .0535684 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 7.651190 |
| Stddev | .027008  |
| %RSD   | .3529891 |
|        |          |
| #1     | 7.674638 |
| #2     | 7.657273 |
| #3     | 7.621659 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 825.0993 | 1417.311 | 25112.14 | 10677.40 | 1173.527 |
| Stddev    | 3.8840   | 3.441    | 109.24   | 71.27    | 3.575    |
| %RSD      | .4707282 | .2427615 | .4350074 | .6674917 | .3046359 |
|           |          |          |          |          |          |
| #1        | 823.2651 | 1413.947 | 25018.97 | 10606.29 | 1169.461 |
| #2        | 829.5607 | 1417.163 | 25085.08 | 10748.83 | 1176.178 |
| #3        | 822.4722 | 1420.824 | 25232.36 | 10677.07 | 1174.941 |

Sample Name: L4578-01LX5      Acquired: 11/05/2020 14:50:36      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P01L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0048537 | -.002168 | .0017478 | .0035437 | -.000676 | .0632807 | .0023353 |
| Stddev | .0059371 | .001653  | .0024067 | .0048438 | .002519  | .0050381 | .0006642 |
| %RSD   | 122.3205 | 76.26748 | 137.6933 | 136.6885 | 372.5958 | 7.961538 | 28.44124 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0024727 | -.002050 | .0036942 | .0009724 | .001517  | .0574673 | .0015687 |
| #2 | .0116117 | -.000577 | .0024924 | .0091309 | -.000118 | .0663772 | .0027004 |
| #3 | .0004767 | -.003877 | -.000943 | .0005277 | -.003427 | .0659976 | .0027368 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000530 | -.000132 | 96.28567 | .0003551 | -.001565 | .0033476 | -.006611 |
| Stddev | .0000579 | .000114  | .02412   | .0002831 | .000178  | .0016678 | .003818  |
| %RSD   | 109.2969 | 86.94555 | .0250487 | 79.71763 | 11.37001 | 49.81925 | 57.76004 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000014 | -.000263 | 96.28639 | .0005941 | -.001362 | .0052333 | -.010664 |
| #2 | .000092  | -.000057 | 96.30942 | .0000425 | -.001694 | .0020660 | -.006087 |
| #3 | .000081  | -.000074 | 96.26120 | .0004288 | -.001639 | .0027437 | -.003081 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005807 | 37.05228 | -.000843 | .0005157 | 73.37085 | .0018879 | -.025315 |
| Stddev | .0002100 | .29395   | .000482  | .0004393 | .31500   | .0014582 | .001165  |
| %RSD   | 36.15740 | .7933444 | 57.17629 | 85.19426 | .4293325 | 77.24012 | 4.602872 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003428 | 37.39043 | -.000588 | .0004652 | 73.63769 | .0033413 | -.023985 |
| #2 | .0007402 | 36.90867 | -.001399 | .0001038 | 73.02336 | .0018972 | -.025807 |
| #3 | .0006591 | 36.85773 | -.000542 | .0009781 | 73.45150 | .0004250 | -.026154 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4656030 | -.002413 | .0082009 | -.000368 | 88.23539 | 1.980062 | -.003779 |
| Stddev | .0544415 | .003707  | .0006949 | .000370  | .87157   | .007420  | .000111  |
| %RSD   | 11.69269 | 153.6315 | 8.473440 | 100.4590 | .9877745 | .3747548 | 2.923821 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5284196 | -.000593 | .0078240 | -.000691 | 87.66062 | 1.978700 | -.003672 |
| #2 | .4363011 | .000033  | .0077758 | -.000449 | 87.80733 | 1.973417 | -.003774 |
| #3 | .4320884 | -.006678 | .0090028 | .000035  | 89.23822 | 1.988069 | -.003892 |

Sample Name: L4578-01LX5      Acquired: 11/05/2020 14:50:36      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P01L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002107 | .0103485 | 1.416149 |
| Stddev | .000328  | .0009440 | .002584  |
| %RSD   | 15.56718 | 9.121663 | .1824656 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002467 | .0112262 | 1.419131 |
| #2 | -.001824 | .0104694 | 1.414573 |
| #3 | -.002031 | .0093499 | 1.414744 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 887.3877 | 1520.555 | 26436.56 | 11087.09 | 1329.747 |
| Stddev    | 5.3949   | 1.664    | 82.86    | 81.32    | .693     |
| %RSD      | .6079532 | .1094053 | .3134228 | .7334846 | .0520884 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 882.0549 | 1520.561 | 26383.28 | 10993.97 | 1330.485 |
| #2 | 887.2654 | 1522.215 | 26394.39 | 11123.13 | 1329.111 |
| #3 | 892.8426 | 1518.888 | 26532.02 | 11144.16 | 1329.647 |

Sample Name: L4577-04      Acquired: 11/05/2020 14:54:41      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062917 | -.005376 | .0021290 | .0238975 | .0039632 | .1093614 |
| Stddev | .0090512 | .001290  | .0030790 | .0065554 | .0025430 | .0039517 |
| %RSD   | 143.8575 | 23.99758 | 144.6247 | 27.43136 | 64.16690 | 3.613441 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0166995 | -.005580 | -.001168 | .0163359 | .0011473 | .1132120 |
| #2 | .0002618 | -.006552 | .002624  | .0273769 | .0060924 | .1053158 |
| #3 | .0019140 | -.003996 | .004930  | .0279796 | .0046498 | .1095566 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0184717 | .0000476 | -.000188 | 568.7325 | .0055471 | -.002015 |
| Stddev | .0001257 | .0000486 | .000144  | 4.6656   | .0005691 | .000074  |
| %RSD   | .6804844 | 102.1451 | 76.58570 | .8203531 | 10.25952 | 3.661548 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0183894 | .0000323 | -.000327 | 565.8985 | .0059079 | -.002045 |
| #2 | .0184095 | .0001019 | -.000039 | 574.1174 | .0048911 | -.001931 |
| #3 | .0186164 | .0000085 | -.000198 | 566.1815 | .0058424 | -.002069 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0022960 | .0822880 | .0029760 | 473.3273 | -.001186 | .0002032 |
| Stddev | .0011100 | .0039923 | .0002447 | 1.9333   | .000946  | .0001954 |
| %RSD   | 48.34644 | 4.851674 | 8.222660 | .4084545 | 79.81178 | 96.13627 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0031652 | .0868619 | .0032295 | 474.9859 | -.000404 | .0004287 |
| #2 | .0010456 | .0795031 | .0029573 | 473.7920 | -.000915 | .0000851 |
| #3 | .0026773 | .0804988 | .0027411 | 471.2040 | -.002237 | .0000958 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na8183     | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 1455.895 | .0041782 | .0054230 | 4.190015 | .0190993 | .2272520 |
| Stddev | 11.185     | .0019755 | .0047665 | .036317  | .0102657 | .0027813 |
| %RSD   | .7682769   | 47.28010 | 87.89376 | .8667573 | 53.74918 | 1.223884 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1467.420 | .0041504 | .0045429 | 4.169449 | .0208798 | .2304292 |
| #2 | 1455.182 | .0061674 | .0011579 | 4.231948 | .0283584 | .2260691 |
| #3 | 1445.083 | .0022168 | .0105682 | 4.168647 | .0080598 | .2252576 |

Sample Name: L4577-04      Acquired: 11/05/2020 14:54:41      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P08      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011629 | F 1134.080 | 11.72457 | -.004106 | -.009148 | .1192232 |
| Stddev | .0005895 | 5.234      | .05387   | .001535  | .000353  | .0007297 |
| %RSD   | 50.69505 | .4615089   | .4594740 | 37.39761 | 3.861100 | .6120373 |
|        |          |            |          |          |          |          |
| #1     | .0017980 | 1138.529   | 11.74820 | -.002493 | -.008832 | .1185926 |
| #2     | .0006330 | 1128.313   | 11.76258 | -.005550 | -.009529 | .1190546 |
| #3     | .0010579 | 1135.397   | 11.66292 | -.004274 | -.009082 | .1200224 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 11.03299 |
| Stddev | .08104   |
| %RSD   | .7345458 |
|        |          |
| #1     | 11.10551 |
| #2     | 11.04796 |
| #3     | 10.94551 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 779.4074 | 1328.627 | 23715.62 | 10417.71 | 1056.226 |
| Stddev    | 4.7739   | 4.354    | 70.00    | 35.75    | 5.017    |
| %RSD      | .6124974 | .3276950 | .2951434 | .3431408 | .4750255 |
|           |          |          |          |          |          |
| #1        | 774.1767 | 1324.858 | 23636.26 | 10384.27 | 1050.468 |
| #2        | 783.5291 | 1327.631 | 23742.06 | 10413.47 | 1059.660 |
| #3        | 780.5164 | 1333.393 | 23768.55 | 10455.39 | 1058.549 |

Sample Name: L4578-04      Acquired: 11/05/2020 14:59:03      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P09      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081403 | -.003976 | .0018861 | .0285230 | .0019238 | .2414523 |
| Stddev | .0039459 | .003744  | .0008684 | .0034777 | .0026697 | .0073754 |
| %RSD   | 48.47300 | 94.16103 | 46.04447 | 12.19251 | 138.7777 | 3.054603 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0037752 | -.007894 | .0019051 | .0260788 | .0002686 | .2369063 |
| #2 | .0114537 | -.003599 | .0010083 | .0269858 | .0004990 | .2499620 |
| #3 | .0091921 | -.000435 | .0027449 | .0325043 | .0050037 | .2374885 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0198346 | .0000617 | -.000188 | 592.1911 | .0046624 | -.002506 |
| Stddev | .0008123 | .0000353 | .000059  | 5.3341   | .0017896 | .000212  |
| %RSD   | 4.095483 | 57.14886 | 31.31692 | .9007374 | 38.38340 | 8.463732 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0189962 | .0000307 | -.000187 | 597.7360 | .0057225 | -.002640 |
| #2 | .0198897 | .0001000 | -.000130 | 591.7410 | .0025962 | -.002262 |
| #3 | .0206180 | .0000543 | -.000247 | 587.0963 | .0056684 | -.002617 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029282 | .0228558 | .0020975 | 493.1962 | -.001683 | -.000263 |
| Stddev | .0023849 | .0008328 | .0002223 | 3.8292   | .001222  | .000295  |
| %RSD   | 81.44626 | 3.643575 | 10.59862 | .7764080 | 72.60446 | 112.3507 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0043823 | .0226175 | .0023422 | 496.9869 | -.002250 | -.000066 |
| #2 | .0001758 | .0237818 | .0020422 | 493.2723 | -.000280 | -.000602 |
| #3 | .0042265 | .0221682 | .0019080 | 489.3296 | -.002517 | -.000120 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na8183     | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 1523.361 | .0069213 | .0069292 | 4.518020 | .0159222 | .2370293 |
| Stddev | 11.510     | .0023064 | .0018504 | .029903  | .0057967 | .0024493 |
| %RSD   | .7555967   | 33.32273 | 26.70460 | .6618644 | 36.40614 | 1.033337 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1535.576 | .0090235 | .0048312 | 4.485499 | .0221281 | .2382533 |
| #2 | 1521.790 | .0044542 | .0083287 | 4.524230 | .0149907 | .2342093 |
| #3 | 1512.717 | .0072863 | .0076278 | 4.544331 | .0106476 | .2386254 |

Sample Name: L4578-04      Acquired: 11/05/2020 14:59:03      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P09      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011868 | F 1175.889 | 11.95392 | -.005571 | -.012062 | .1285110 |
| Stddev | .0003723 | 3.388      | .02278   | .001268  | .001083  | .0006969 |
| %RSD   | 31.36690 | .2880899   | .1905392 | 22.76396 | 8.977583 | .5422531 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0012277 | 1176.481 | 11.98001 | -.005796 | -.010846 | .1292670 |
| #2 | .0015369 | 1172.245 | 11.94377 | -.004206 | -.012417 | .1283714 |
| #3 | .0007958 | 1178.942 | 11.93799 | -.006712 | -.012923 | .1278945 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 11.46413 |
| Stddev | .09361   |
| %RSD   | .8165185 |

|    |          |
|----|----------|
| #1 | 11.57056 |
| #2 | 11.42725 |
| #3 | 11.39458 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 778.8674 | 1327.809 | 23570.81 | 10433.29 | 1050.834 |
| Stddev    | 2.5630   | 8.221    | 176.90   | 75.88    | 6.525    |
| %RSD      | .3290667 | .6191778 | .7505139 | .7272868 | .6208907 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 781.5310 | 1321.486 | 23756.77 | 10369.85 | 1046.611 |
| #2 | 776.4186 | 1337.103 | 23404.62 | 10412.67 | 1058.349 |
| #3 | 778.6526 | 1324.839 | 23551.05 | 10517.35 | 1047.543 |

Sample Name: L4577-05      Acquired: 11/05/2020 15:03:27      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P10      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0141472 | -.005317 | .0023432 | .0222312 | .0035379 | .1209356 |
| Stddev | .0105594 | .000836  | .0011726 | .0015976 | .0002114 | .0099611 |
| %RSD   | 74.63928 | 15.71526 | 50.04116 | 7.186404 | 5.975231 | 8.236685 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0263216 | -.006183 | .0021678 | .0206087 | .0037816 | .1322181 |
| #2 | .0086421 | -.004516 | .0012682 | .0222821 | .0034039 | .1172314 |
| #3 | .0074780 | -.005253 | .0035936 | .0238027 | .0034282 | .1133573 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0193526 | .0000556 | -.000182 | 578.8506 | .0064982 | -.002438 |
| Stddev | .0010544 | .0000317 | .000221  | 2.6058   | .0001238 | .000389  |
| %RSD   | 5.448317 | 56.99362 | 121.7416 | .4501626 | 1.905477 | 15.94107 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0186148 | .0000257 | -.000135 | 575.9745 | .0065404 | -.002836 |
| #2 | .0188827 | .0000523 | .000013  | 581.0543 | .0063588 | -.002417 |
| #3 | .0205602 | .0000889 | -.000422 | 579.5229 | .0065954 | -.002060 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0031196 | .0942138 | .0032868 | 488.2653 | -.001300 | .0004136 |
| Stddev | .0013477 | .0077175 | .0004995 | 1.9880   | .000635  | .0003942 |
| %RSD   | 43.20075 | 8.191494 | 15.19642 | .4071532 | 48.85406 | 95.28625 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0046682 | .0975572 | .0032979 | 490.4591 | -.000874 | .0008582 |
| #2 | .0022130 | .0853884 | .0037807 | 487.7536 | -.002030 | .0001069 |
| #3 | .0024774 | .0996959 | .0027819 | 486.5832 | -.000997 | .0002759 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na8183     | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 1500.071 | .0067237 | .0054398 | 4.559914 | .0202940 | .2346852 |
| Stddev | 8.601      | .0027545 | .0026159 | .009291  | .0004386 | .0006392 |
| %RSD   | .5733984   | 40.96743 | 48.08855 | .2037600 | 2.161439 | .2723516 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1509.798 | .0097205 | .0026799 | 4.551968 | .0206430 | .2354209 |
| #2 | 1496.945 | .0043024 | .0078828 | 4.570130 | .0204374 | .2342668 |
| #3 | 1493.469 | .0061482 | .0057568 | 4.557645 | .0198016 | .2343679 |

Sample Name: L4577-05      Acquired: 11/05/2020 15:03:27      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P10      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009612 | F 1162.069 | 12.06482 | -.008320 | -.010155 | .1249326 |
| Stddev | .0011818 | 9.819      | .08427   | .001505  | .000830  | .0006208 |
| %RSD   | 122.9417 | .8449907   | .6984934 | 18.09387 | 8.169944 | .4968787 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0022584 | 1152.129 | 12.11611 | -.006652 | -.009198 | .1246478 |
| #2 | -.000054 | 1162.316 | 11.96756 | -.008727 | -.010593 | .1245053 |
| #3 | .000679  | 1171.763 | 12.11079 | -.009579 | -.010675 | .1256447 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 11.33016 |
| Stddev | .08363   |
| %RSD   | .7380847 |

|    |          |
|----|----------|
| #1 | 11.42602 |
| #2 | 11.29230 |
| #3 | 11.27217 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 788.2739 | 1328.794 | 24040.16 | 10426.37 | 1054.978 |
| Stddev    | 5.0113   | 8.928    | 57.36    | 39.30    | 6.376    |
| %RSD      | .6357313 | .6718758 | .2385953 | .3768981 | .6043567 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 783.4047 | 1338.532 | 23991.78 | 10390.14 | 1061.758 |
| #2 | 793.4162 | 1326.855 | 24025.18 | 10468.15 | 1054.073 |
| #3 | 788.0007 | 1320.995 | 24103.52 | 10420.82 | 1049.104 |

Sample Name: L4578-05      Acquired: 11/05/2020 15:07:48      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MF4P11      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0143900 | -.007346 | .0003398 | .0201535 | -.000716 | .0867039 |
| Stddev | .0033012 | .009615  | .0019371 | .0032811 | .001204  | .0064040 |
| %RSD   | 22.94090 | 130.8797 | 570.1260 | 16.28069 | 168.2121 | 7.386064 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0130070 | -.018430 | -.000067 | .0237204 | -.000656 | .0833331 |
| #2 | .0181577 | -.002350 | -.001361 | .0172637 | .000457  | .0826894 |
| #3 | .0120052 | -.001258 | .002448  | .0194766 | -.001948 | .0940893 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0189173 | .0000940 | -.000005 | 562.4665 | .0045868 | -.002299 |
| Stddev | .0004939 | .0000705 | .000122  | 6.2777   | .0007854 | .000320  |
| %RSD   | 2.610679 | 75.01476 | 2644.109 | 1.116094 | 17.12368 | 13.90783 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0193230 | .0000525 | -.000032 | 558.2660 | .0038135 | -.001930 |
| #2 | .0190615 | .0000540 | -.000111 | 569.6830 | .0045631 | -.002488 |
| #3 | .0183674 | .0001754 | .000129  | 559.4506 | .0053838 | -.002479 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016624 | .0153814 | .0016494 | 471.9447 | -.001677 | .0002757 |
| Stddev | .0034619 | .0084165 | .0002007 | 4.3493   | .000553  | .0003290 |
| %RSD   | 208.2545 | 54.71865 | 12.16709 | .9215691 | 32.99617 | 119.3240 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0034864 | .0155239 | .0014701 | 469.0834 | -.002299 | .0006444 |
| #2 | .0038309 | .0237257 | .0016118 | 476.9497 | -.001240 | .0001711 |
| #3 | -.002330 | .0068945 | .0018662 | 469.8010 | -.001492 | .0000117 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na8183     | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 1446.360 | .0056270 | .0038314 | 4.385759 | .0130920 | .2297727 |
| Stddev | 8.207      | .0007716 | .0008303 | .070016  | .0048104 | .0012377 |
| %RSD   | .5674083   | 13.71208 | 21.67189 | 1.596438 | 36.74334 | .5386408 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1442.616 | .0047514 | .0029608 | 4.306973 | .0162204 | .2286090 |
| #2 | 1455.771 | .0062074 | .0046145 | 4.440863 | .0075528 | .2310730 |
| #3 | 1440.694 | .0059223 | .0039189 | 4.409440 | .0155026 | .2296362 |

Sample Name: L4578-05      Acquired: 11/05/2020 15:07:48      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P11      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013889 | F 1132.708 | 11.60329 | -.007001 | -.011680 | .1206926 |
| Stddev | .0005232 | 25.724     | .06037   | .002994  | .000255  | .0006410 |
| %RSD   | 37.66853 | 2.271000   | .5202717 | 42.75996 | 2.181049 | .5310741 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0009411 | 1105.195 | 11.56677 | -.004564 | -.011838 | .1208748 |
| #2 | .0019640 | 1136.769 | 11.67297 | -.006098 | -.011816 | .1212228 |
| #3 | .0012617 | 1156.159 | 11.57013 | -.010343 | -.011386 | .1199803 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 11.01297 |
| Stddev | .08123   |
| %RSD   | .7375496 |

|    |          |
|----|----------|
| #1 | 10.94605 |
| #2 | 11.10334 |
| #3 | 10.98951 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 801.7527 | 1332.882 | 24272.50 | 10371.35 | 1060.772 |
| Stddev    | 4.6697   | 15.497   | 153.04   | 66.75    | 12.740   |
| %RSD      | .5824373 | 1.162670 | .6304897 | .6436215 | 1.200976 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 796.7762 | 1350.656 | 24174.99 | 10393.90 | 1075.412 |
| #2 | 802.4430 | 1322.204 | 24193.62 | 10296.24 | 1052.210 |
| #3 | 806.0388 | 1325.785 | 24448.88 | 10423.91 | 1054.694 |

Sample Name: L4577-06      Acquired: 11/05/2020 15:12:11      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023046 | -.004112 | .0013209 | .0098555 | .0006728 | .1037265 |
| Stddev | .0077139 | .001440  | .0026750 | .0047500 | .0021829 | .0100138 |
| %RSD   | 334.7091 | 35.01798 | 202.5215 | 48.19591 | 324.4335 | 9.653996 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000825 | -.003878 | .0032880 | .0127200 | .0031863 | .0952088 |
| #2 | -.003353 | -.005654 | .0023998 | .0124741 | -.000420 | .1012130 |
| #3 | .011091  | -.002803 | -.001725 | .0043726 | -.000747 | .1147575 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0134841 | .0000901 | -.000107 | 480.9848 | .0077486 | -.001634 |
| Stddev | .0005173 | .0001329 | .000117  | 7.9678   | .0002350 | .000366  |
| %RSD   | 3.836086 | 147.4754 | 109.1814 | 1.656566 | 3.032435 | 22.41609 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0140221 | .0000556 | -.000044 | 475.0996 | .0080105 | -.001614 |
| #2 | .0134399 | .0002368 | -.000241 | 490.0519 | .0075564 | -.002010 |
| #3 | .0129904 | -.000022 | -.000035 | 477.8029 | .0076788 | -.001278 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0107760 | .0535514 | .0019744 | 204.5567 | .0004027 | .0000550 |
| Stddev | .0007504 | .0027401 | .0001744 | 1.5514   | .0000316 | .0003926 |
| %RSD   | 6.963601 | 5.116756 | 8.832730 | .7584249 | 7.851185 | 714.0073 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0099106 | .0563306 | .0019572 | 202.8168 | .0003663 | -.000050 |
| #2 | .0111722 | .0508522 | .0018092 | 205.7961 | .0004241 | -.000275 |
| #3 | .0112453 | .0534713 | .0021567 | 205.0571 | .0004175 | .000489  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 337.4530 | .0041115 | -.010129 | 2.361091 | .0050256 | .0921417 |
| Stddev | 2.2015   | .0014005 | .000067  | .051617  | .0061356 | .0008594 |
| %RSD   | .6523916 | 34.06258 | .6596758 | 2.186141 | 122.0875 | .9327307 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 335.1448 | .0048462 | -.010058 | 2.322760 | .0027332 | .0922989 |
| #2 | 339.5296 | .0049917 | -.010191 | 2.340731 | .0003663 | .0912145 |
| #3 | 337.6845 | .0024965 | -.010138 | 2.419783 | .0119773 | .0929117 |

Sample Name: L4577-06      Acquired: 11/05/2020 15:12:11      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P02      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000394 | F 431.2638 | 8.393933 | -.006211 | -.009312 | .0448424 |
| Stddev | .000238  | 1.9406     | .047324  | .003122  | .000676  | .0012266 |
| %RSD   | 60.41498 | .4499838   | .5637826 | 50.26271 | 7.253934 | 2.735319 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000642 | 431.9857 | 8.371437 | -.008060 | -.009694 | .0453269 |
| #2 | -.000373 | 429.0657 | 8.448308 | -.002607 | -.008532 | .0457526 |
| #3 | -.000167 | 432.7401 | 8.362053 | -.007966 | -.009711 | .0434475 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 6.935099 |
| Stddev | .053583  |
| %RSD   | .7726350 |

|    |          |
|----|----------|
| #1 | 6.906049 |
| #2 | 6.996934 |
| #3 | 6.902314 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 826.5045 | 1411.600 | 25229.91 | 10787.34 | 1173.051 |
| Stddev    | 9.3952   | 5.384    | 203.16   | 70.47    | 6.956    |
| %RSD      | 1.136734 | .3814369 | .8052300 | .6532909 | .5929973 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 836.4854 | 1406.483 | 25464.39 | 10852.31 | 1165.194 |
| #2 | 825.1958 | 1417.217 | 25118.67 | 10712.42 | 1178.427 |
| #3 | 817.8323 | 1411.101 | 25106.66 | 10797.30 | 1175.531 |

Sample Name: L4578-06      Acquired: 11/05/2020 15:16:34      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0089002 | -.002974 | .0008181 | .0077208 | .0012071 | .1937760 |
| Stddev | .0069639 | .004018  | .0021587 | .0029117 | .0023084 | .0070144 |
| %RSD   | 78.24452 | 135.1165 | 263.8694 | 37.71300 | 191.2402 | 3.619848 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0008960 | -.007443 | -.000767 | .0110363 | -.001312 | .1946218 |
| #2 | .0122350 | .000339  | .003277  | .0065462 | .001713  | .1863771 |
| #3 | .0135695 | -.001817 | -.000055 | .0055797 | .003221  | .2003292 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0132444 | .0000518 | -.000167 | 462.1681 | .0017310 | -.002048 |
| Stddev | .0008932 | .0000746 | .000050  | 6.4158   | .0002380 | .000183  |
| %RSD   | 6.744197 | 144.0265 | 29.72755 | 1.388187 | 13.74740 | 8.933543 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0125199 | .0001108 | -.000215 | 469.3492 | .0019122 | -.002077 |
| #2 | .0142424 | -.000032 | -.000171 | 457.0008 | .0018194 | -.001852 |
| #3 | .0129709 | .000077  | -.000116 | 460.1544 | .0014615 | -.002215 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054813 | .0628232 | .0011125 | 199.1417 | -.000978 | .0001430 |
| Stddev | .0009482 | .0060295 | .0002154 | 1.2827   | .000503  | .0001323 |
| %RSD   | 17.29891 | 9.597549 | 19.36300 | .6441355 | 51.43410 | 92.48901 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0050896 | .0576004 | .0012962 | 200.1195 | -.000749 | .0001163 |
| #2 | .0047917 | .0614476 | .0011661 | 197.6893 | -.001554 | .0002867 |
| #3 | .0065626 | .0694217 | .0008754 | 199.6162 | -.000630 | .0000262 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 328.6672 | .0051959 | -.004211 | 2.332826 | -.000048 | .0887002 |
| Stddev | 1.5230   | .0019135 | .002284  | .029099  | .003722  | .0009313 |
| %RSD   | .4633941 | 36.82654 | 54.24273 | 1.247369 | 7796.603 | 1.049992 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 329.4753 | .0033966 | -.006582 | 2.334808 | -.002879 | .0895659 |
| #2 | 326.9105 | .0072061 | -.004025 | 2.360883 | -.001433 | .0877148 |
| #3 | 329.6159 | .0049851 | -.002025 | 2.302786 | .004168  | .0888198 |

Sample Name: L4578-06      Acquired: 11/05/2020 15:16:34      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P03      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000782 | F 418.4107 | 8.121935 | -.005854 | -.009091 | .0420699 |
| Stddev | .000543  | 1.6476     | .044387  | .000538  | .000768  | .0002004 |
| %RSD   | 69.49926 | .3937854   | .5465034 | 9.187377 | 8.445792 | .4764211 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000154 | 419.0632 | 8.158585 | -.006007 | -.009222 | .0418670 |
| #2 | -.001096 | 419.6321 | 8.134638 | -.005257 | -.008266 | .0420749 |
| #3 | -.001094 | 416.5367 | 8.072581 | -.006300 | -.009785 | .0422678 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 6.755359 |
| Stddev | .065195  |
| %RSD   | .9650842 |

|    |          |
|----|----------|
| #1 | 6.793845 |
| #2 | 6.792147 |
| #3 | 6.680085 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 831.5088 | 1416.363 | 25287.91 | 10875.27 | 1178.041 |
| Stddev    | 4.5738   | 2.059    | 94.29    | 40.53    | 1.801    |
| %RSD      | .5500582 | .1453671 | .3728541 | .3727223 | .1528861 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 826.8775 | 1417.543 | 25375.46 | 10828.58 | 1177.478 |
| #2 | 831.6262 | 1417.561 | 25300.18 | 10895.80 | 1176.589 |
| #3 | 836.0228 | 1413.986 | 25188.09 | 10901.43 | 1180.057 |

Sample Name: L4577-07      Acquired: 11/05/2020 15:20:53      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027130 | .0015071 | .0068143 | .0046044 | -.002149 | .0350268 |
| Stddev | .0047762 | .0025133 | .0031042 | .0011201 | .002669  | .0076620 |
| %RSD   | 176.0506 | 166.7682 | 45.55386 | 24.32541 | 124.1908 | 21.87483 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0031301 | .0020207 | .0086411 | .0036350 | -.005227 | .0272710 |
| #2 | .0072670 | .0037239 | .0085717 | .0043478 | -.000755 | .0425915 |
| #3 | -.002258 | -.001223 | .0032301 | .0058305 | -.000466 | .0352178 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0122421 | .0000355 | -.000190 | 213.9552 | .0037191 | -.001363 |
| Stddev | .0005934 | .0000994 | .000059  | .1757    | .0003646 | .000424  |
| %RSD   | 4.847256 | 280.3497 | 30.96067 | .0821143 | 9.802106 | 31.12554 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0126172 | .0000297 | -.000147 | 213.8428 | .0041171 | -.001850 |
| #2 | .0125511 | .0001376 | -.000257 | 213.8652 | .0036385 | -.001165 |
| #3 | .0115579 | -.000061 | -.000165 | 214.1577 | .0034015 | -.001074 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0918680 | .0249802 | .0008162 | 101.3786 | .0011736 | .0006122 |
| Stddev | .0025293 | .0058187 | .0002617 | .3307    | .0006158 | .0002357 |
| %RSD   | 2.753159 | 23.29311 | 32.05840 | .3261964 | 52.47321 | 38.50789 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0911311 | .0267517 | .0010652 | 101.0889 | .0017836 | .0006711 |
| #2 | .0946839 | .0297073 | .0008399 | 101.3080 | .0005521 | .0008129 |
| #3 | .0897890 | .0184817 | .0005435 | 101.7389 | .0011852 | .0003526 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 214.7907 | .0066541 | .0108920 | 3.210214 | .0029416 | .0846760 |
| Stddev | .0487    | .0023382 | .0021050 | .020052  | .0032591 | .0003659 |
| %RSD   | .0226524 | 35.13945 | 19.32652 | .6246196 | 110.7946 | .4321758 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 214.8117 | .0043958 | .0108646 | 3.196595 | .0029737 | .0842535 |
| #2 | 214.7351 | .0065018 | .0130107 | 3.200807 | .0061845 | .0848792 |
| #3 | 214.8254 | .0090648 | .0088008 | 3.233240 | -.000333 | .0848952 |

Sample Name: L4577-07      Acquired: 11/05/2020 15:20:53      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P04      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016382 | F 253.7062 | 11.08532 | -.003383 | -.004148 | .0568399 |
| Stddev | .0002341 | .9589      | .02247   | .001013  | .000755  | .0006764 |
| %RSD   | 14.29203 | .3779608   | .2027107 | 29.94602 | 18.19291 | 1.190026 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0015992 | 254.6048 | 11.08829 | -.003739 | -.004949 | .0561944 |
| #2 | .0014261 | 253.8173 | 11.10616 | -.004169 | -.004042 | .0575435 |
| #3 | .0018894 | 252.6966 | 11.06152 | -.002240 | -.003451 | .0567819 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 8.144057 |
| Stddev | .008955  |
| %RSD   | .1099630 |

|    |          |
|----|----------|
| #1 | 8.154073 |
| #2 | 8.136822 |
| #3 | 8.141275 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 864.6571 | 1477.635 | 26047.01 | 10980.96 | 1259.783 |
| Stddev    | 1.2149   | 1.095    | 76.68    | 16.75    | 2.437    |
| %RSD      | .1405109 | .0741249 | .2943938 | .1525376 | .1934574 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 866.0496 | 1477.522 | 25971.24 | 10971.36 | 1257.038 |
| #2 | 864.1088 | 1478.783 | 26045.22 | 10971.22 | 1260.617 |
| #3 | 863.8129 | 1476.601 | 26124.57 | 11000.30 | 1261.694 |

Sample Name: L4578-07      Acquired: 11/05/2020 15:25:05      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001004 | -.000692 | .0024645 | .0029330 | .0008905 | .0976794 |
| Stddev | .0017722 | .001451  | .0010634 | .0037546 | .0015425 | .0106768 |
| %RSD   | 1764.457 | 209.6752 | 43.14632 | 128.0141 | 173.2197 | 10.93045 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0005192 | .000153  | .0017220 | -.001394 | .0026652 | .1080922 |
| #2 | .0016258 | -.002367 | .0019889 | .005333  | -.000128 | .0867569 |
| #3 | -.001844 | .000138  | .0036827 | .004860  | .000134  | .0981890 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0128229 | .0000429 | -.000190 | 208.1533 | .0020403 | -.001816 |
| Stddev | .0003720 | .0000420 | .000102  | .4108    | .0009014 | .000093  |
| %RSD   | 2.901250 | 97.97073 | 53.94509 | .1973359 | 44.17882 | 5.131601 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0124015 | .0000066 | -.000078 | 207.7289 | .0024677 | -.001909 |
| #2 | .0131058 | .0000331 | -.000279 | 208.5489 | .0010047 | -.001817 |
| #3 | .0129614 | .0000890 | -.000213 | 208.1820 | .0026485 | -.001723 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0090951 | .0096874 | .0014853 | 98.59837 | .0015806 | .0005018 |
| Stddev | .0001633 | .0014568 | .0002241 | .67856   | .0005464 | .0003541 |
| %RSD   | 1.795638 | 15.03815 | 15.08849 | .6882056 | 34.57130 | 70.55921 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0089159 | .0109111 | .0012392 | 98.76500 | .0021454 | .0002676 |
| #2 | .0092355 | .0100750 | .0016776 | 97.85202 | .0010546 | .0003286 |
| #3 | .0091339 | .0080759 | .0015392 | 99.17809 | .0015417 | .0009091 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 209.3350 | .0057986 | .0092758 | 3.201094 | -.000462 | .0839768 |
| Stddev | .3846    | .0022565 | .0005688 | .016663  | .007106  | .0007084 |
| %RSD   | .1837248 | 38.91430 | 6.131724 | .5205255 | 1539.725 | .8435716 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 209.5972 | .0063124 | .0094548 | 3.186470 | -.008428 | .0832022 |
| #2 | 208.8935 | .0033295 | .0097336 | 3.219234 | .005223  | .0841362 |
| #3 | 209.5143 | .0077538 | .0086391 | 3.197577 | .001820  | .0845918 |

Sample Name: L4578-07      Acquired: 11/05/2020 15:25:05      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P05      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016724 | F 246.8497 | 10.73294 | -.004660 | -.004609 | .0556870 |
| Stddev | .0004529 | .8543      | .04058   | .000399  | .000526  | .0004035 |
| %RSD   | 27.08039 | .3460781   | .3780957 | 8.558563 | 11.40313 | .7245466 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0019694 | 246.1061 | 10.70114 | -.004692 | -.004003 | .0559435 |
| #2 | .0018968 | 246.6601 | 10.71903 | -.005043 | -.004933 | .0552219 |
| #3 | .0011512 | 247.7828 | 10.77864 | -.004247 | -.004892 | .0558956 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 7.963247 |
| Stddev | .095911  |
| %RSD   | 1.204423 |

|    |          |
|----|----------|
| #1 | 7.928476 |
| #2 | 7.889570 |
| #3 | 8.071694 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 859.6508 | 1472.717 | 25997.25 | 11060.62 | 1259.545 |
| Stddev    | .3904    | 2.603    | 72.50    | 38.10    | 3.405    |
| %RSD      | .0454118 | .1767261 | .2788707 | .3444658 | .2703292 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 859.2140 | 1469.736 | 26074.60 | 11062.95 | 1255.664 |
| #2 | 859.7731 | 1473.884 | 25986.33 | 11097.51 | 1260.939 |
| #3 | 859.9655 | 1474.533 | 25930.84 | 11021.41 | 1262.031 |

Sample Name: CCV044      Acquired: 11/05/2020 15:29:17      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV044      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.179037 | 5.018865 | 25.05902 | 5.066465 | 5.182690 | 402.9854 | 10.12442 |
| Stddev | .009900  | .018619  | .06339   | .012250  | .002831  | 1.3306   | .05760   |
| %RSD   | .1911547 | .3709713 | .2529642 | .2417943 | .0546278 | .3301794 | .5689061 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.170161 | 5.036550 | 25.11077 | 5.054973 | 5.184732 | 403.6398 | 10.08696 |
| #2 | 5.177236 | 5.020611 | 24.98831 | 5.065067 | 5.183880 | 403.8620 | 10.09556 |
| #3 | 5.189713 | 4.999436 | 25.07796 | 5.079354 | 5.179458 | 401.4543 | 10.19075 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4921187 | 2.536697 | 400.8447 | 15.52545 | 2.549564 | 15.22624 | 410.4978 |
| Stddev | .0017433 | .002931  | .5527    | .04649   | .006192  | .01324   | .7731    |
| %RSD   | .3542508 | .1155498 | .1378870 | .2994635 | .2428746 | .0869676 | .1883295 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4901078 | 2.539714 | 400.9869 | 15.55574 | 2.554080 | 15.24151 | 409.6616 |
| #2 | .4932038 | 2.533860 | 400.2348 | 15.47192 | 2.542505 | 15.21789 | 410.6451 |
| #3 | .4930446 | 2.536516 | 401.3124 | 15.54869 | 2.552106 | 15.21931 | 411.1866 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.85825 | 400.7734 | 2.553828 | 1.310227 | 404.9390 | 2.507665 | 15.15565 |
| Stddev | .04283   | 1.0838   | .003652  | .007326  | .8674    | .017346  | .06228   |
| %RSD   | .2882659 | .2704317 | .1429873 | .5591772 | .2141932 | .6917070 | .4109539 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.85936 | 399.8037 | 2.558018 | 1.318673 | 403.9427 | 2.487857 | 15.16245 |
| #2 | 14.81487 | 400.5731 | 2.551324 | 1.306421 | 405.5253 | 2.515000 | 15.09024 |
| #3 | 14.90051 | 401.9434 | 2.552142 | 1.305588 | 405.3492 | 2.520137 | 15.21425 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 156.3635 | 5.217408 | 4.875249 | 5.074347 | 5.007280 | 4.901846 | 5.166713 |
| Stddev | .1334    | .012864  | .018889  | .008891  | .007854  | .017704  | .014258  |
| %RSD   | .0853051 | .2465598 | .3874434 | .1752210 | .1568475 | .3611702 | .2759524 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 156.2097 | 5.231973 | 4.854337 | 5.064313 | 5.002803 | 4.885886 | 5.174533 |
| #2 | 156.4321 | 5.207599 | 4.891072 | 5.081248 | 5.016349 | 4.920889 | 5.150257 |
| #3 | 156.4486 | 5.212653 | 4.880338 | 5.077480 | 5.002689 | 4.898763 | 5.175350 |

Sample Name: CCV044      Acquired: 11/05/2020 15:29:17      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCV044      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.005918 | 5.164284 | 5.072605 |
| Stddev | .015566  | .007325  | .032135  |
| %RSD   | .3109505 | .1418480 | .6335023 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.997573 | 5.171502 | 5.102816 |
| #2 | 4.996304 | 5.164494 | 5.076159 |
| #3 | 5.023877 | 5.156856 | 5.038841 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 781.1987 | 1353.057 | 25175.42 | 10708.35 | 1122.939 |
| Stddev    | 4.4448   | 1.579    | 87.07    | 25.13    | 1.764    |
| %RSD      | .5689716 | .1167073 | .3458495 | .2346929 | .1571048 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 776.0693 | 1354.855 | 25107.53 | 10685.71 | 1121.158 |
| #2 | 783.9157 | 1352.421 | 25273.58 | 10703.94 | 1124.686 |
| #3 | 783.6111 | 1351.896 | 25145.15 | 10735.39 | 1122.974 |

Sample Name: CCB044      Acquired: 11/05/2020 15:33:31      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB044      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0028243 | .0035835 | -.000345 | .0006676 | -.001082 | .0100657 | .0000104 |
| Stddev | .0018882 | .0059914 | .001135  | .0004490 | .001162  | .0026037 | .0002001 |
| %RSD   | 66.85678 | 167.1939 | 328.6054 | 67.26187 | 107.4375 | 25.86746 | 1928.048 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008740 | .0101719 | .000887  | .0004848 | -.000355 | .0086759 | -.000004 |
| #2 | .0046437 | .0021177 | -.001349 | .0003387 | -.002423 | .0084518 | .000217  |
| #3 | .0029552 | -.001539 | -.000574 | .0011791 | -.000468 | .0130695 | -.000182 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000527 | -.000074 | .0005956 | -.000037 | .0001237 | .0016475 | .0059420 |
| Stddev | .0000509 | .000039  | .0105142 | .000479  | .0002871 | .0004981 | .0041035 |
| %RSD   | 96.50086 | 52.26856 | 1765.314 | 1287.980 | 231.9955 | 30.23420 | 69.05894 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000003 | -.000099 | .0113856 | -.000320 | -.000093 | .0010755 | .0106483 |
| #2 | .0001019 | -.000029 | -.009619 | .000516  | .000015  | .0019858 | .0031125 |
| #3 | .0000560 | -.000094 | .000021  | -.000307 | .000449  | .0018811 | .0040653 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000007 | -.022788 | .0005088 | .0004065 | .0789392 | .0010810 | -.034689 |
| Stddev | .000059  | .018560  | .0005584 | .0001628 | .2006103 | .0015932 | .001504  |
| %RSD   | 807.3318 | 81.44415 | 109.7488 | 40.03812 | 254.1326 | 147.3760 | 4.335822 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000031 | -.016897 | .0010488 | .0005497 | .2940396 | .0006044 | -.033133 |
| #2 | .000060  | -.007889 | -.000066 | .0004404 | -.103065 | .0028581 | -.034799 |
| #3 | -.000051 | -.043578 | .000544  | .0002295 | .045843  | -.000219 | -.036135 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0189979 | -.005634 | .0086414 | .0006682 | -.006332 | .0053799 | .0008126 |
| Stddev | .0621544 | .001206  | .0002337 | .0005829 | .003299  | .0008775 | .0005216 |
| %RSD   | 327.1649 | 21.41017 | 2.704758 | 87.23520 | 52.09541 | 16.31045 | 64.19467 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0736774 | -.005120 | .0085556 | .0013166 | -.009386 | .0059980 | .0003309 |
| #2 | .0319171 | -.004771 | .0089059 | .0001874 | -.002833 | .0043756 | .0013666 |
| #3 | -.048601 | -.007013 | .0084627 | .0005007 | -.006778 | .0057662 | .0007402 |

Sample Name: CCB044      Acquired: 11/05/2020 15:33:31      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB044      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0001287 | .0020648 | .0000371 |
| Stddev | .0006015 | .0004981 | .0000263 |
| %RSD   | 467.2025 | 24.12154 | 70.69453 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0007261 | .0015244 | .0000505 |
| #2 | .0001369 | .0025055 | .0000069 |
| #3 | -.000477 | .0021645 | .0000540 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 920.4049 | 1590.307 | 26993.83 | 11276.92 | 1399.382 |
| Stddev    | 2.4569   | 2.922    | 17.53    | 25.82    | 2.110    |
| %RSD      | .2669398 | .1837549 | .0649512 | .2289919 | .1507952 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 918.3201 | 1586.951 | 26997.59 | 11265.88 | 1397.788 |
| #2 | 923.1136 | 1592.286 | 26974.72 | 11258.45 | 1398.583 |
| #3 | 919.7811 | 1591.685 | 27009.18 | 11306.43 | 1401.775 |

Sample Name: L4577-08      Acquired: 11/05/2020 15:37:39      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P12      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0102482 | -.003089 | .0032852 | .0053208 | .0003504 | .0170021 |
| Stddev | .0057877 | .003353  | .0013665 | .0007769 | .0005837 | .0120486 |
| %RSD   | 56.47510 | 108.5353 | 41.59553 | 14.60093 | 166.5797 | 70.86554 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0127566 | -.002529 | .0020632 | .0050248 | .0001013 | .0098394 |
| #2 | .0143585 | -.006686 | .0047606 | .0047355 | .0010174 | .0309126 |
| #3 | .0036295 | -.000051 | .0030316 | .0062022 | -.000067 | .0102543 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0082028 | .0000465 | -.000082 | 508.0987 | .0018233 | -.000962 |
| Stddev | .0008148 | .0000194 | .000016  | 1.2595   | .0006705 | .000302  |
| %RSD   | 9.933326 | 41.77182 | 19.23966 | .2478903 | 36.77588 | 31.39348 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0091109 | .0000515 | -.000089 | 508.6034 | .0018183 | -.001267 |
| #2 | .0079619 | .0000628 | -.000063 | 506.6651 | .0024963 | -.000663 |
| #3 | .0075355 | .0000250 | -.000092 | 509.0276 | .0011553 | -.000955 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0345888 | 1.942229 | .0241241 | 328.7545 | .0014406 | .0001645 |
| Stddev | .0032445 | .007729  | .0002312 | .3766    | .0004292 | .0003147 |
| %RSD   | 9.380179 | .3979506 | .9583070 | .1145413 | 29.79451 | 191.2399 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0355057 | 1.950414 | .0243697 | 328.3242 | .0009561 | .0004390 |
| #2 | .0372761 | 1.941219 | .0239107 | 329.0233 | .0017733 | .0002335 |
| #3 | .0309845 | 1.935055 | .0240918 | 328.9162 | .0015924 | -.000179 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 661.6894 | .0046001 | .0486974 | 2.354488 | .0070720 | .7182036 |
| Stddev | .6968    | .0021022 | .0022141 | .063456  | .0057838 | .0022553 |
| %RSD   | .1053108 | 45.69872 | 4.546729 | 2.695114 | 81.78378 | .3140210 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 661.1695 | .0070211 | .0493798 | 2.341575 | .0028636 | .7191747 |
| #2 | 661.4175 | .0032360 | .0462224 | 2.423407 | .0136672 | .7198106 |
| #3 | 662.4812 | .0035433 | .0504900 | 2.298481 | .0046852 | .7156254 |

Sample Name: L4577-08      Acquired: 11/05/2020 15:37:39      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P12      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006776 | F 892.4033 | 10.03604 | -.008067 | -.010251 | .0791978 |
| Stddev | .0003017 | 3.3176     | .03303   | .001295  | .000973  | .0010353 |
| %RSD   | 44.52644 | .3717576   | .3291170 | 16.05188 | 9.493067 | 1.307196 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0009350 | 895.5267 | 10.06976 | -.008609 | -.009144 | .0789376 |
| #2 | .0003456 | 892.7624 | 10.03460 | -.009003 | -.010638 | .0783175 |
| #3 | .0007523 | 888.9208 | 10.00375 | -.006589 | -.010972 | .0803384 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 8.824247 |
| Stddev | .039690  |
| %RSD   | .4497799 |

|    |          |
|----|----------|
| #1 | 8.816706 |
| #2 | 8.788869 |
| #3 | 8.867166 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 819.2319 | 1382.906 | 24823.40 | 10626.14 | 1130.814 |
| Stddev    | 5.1049   | 12.428   | 32.83    | 14.31    | 9.083    |
| %RSD      | .6231305 | .8986605 | .1322522 | .1346349 | .8032244 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 814.5246 | 1370.110 | 24797.66 | 10625.05 | 1121.101 |
| #2 | 824.6582 | 1383.680 | 24860.37 | 10612.41 | 1132.244 |
| #3 | 818.5130 | 1394.929 | 24812.17 | 10640.96 | 1139.097 |

Sample Name: L4578-08      Acquired: 11/05/2020 15:42:00      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P13      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046121 | -.006029 | .0021729 | .0069760 | .0008181 | .0139047 |
| Stddev | .0016888 | .002367  | .0023067 | .0026460 | .0003148 | .0074278 |
| %RSD   | 36.61721 | 39.25537 | 106.1577 | 37.92966 | 38.48473 | 53.41939 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0032001 | -.008527 | .0044140 | .0097817 | .0011515 | .0175339 |
| #2 | .0064830 | -.003821 | .0022987 | .0045256 | .0005259 | .0053600 |
| #3 | .0041533 | -.005737 | -.000194 | .0066206 | .0007769 | .0188202 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0084078 | .0000981 | -.000215 | 489.5079 | .0021890 | -.002016 |
| Stddev | .0004528 | .0000820 | .000049  | 3.1619   | .0004468 | .000210  |
| %RSD   | 5.385263 | 83.60401 | 22.82335 | .6459309 | 20.41208 | 10.40385 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0087390 | .0001928 | -.000206 | 492.8242 | .0026987 | -.001929 |
| #2 | .0078919 | .0000538 | -.000171 | 489.1723 | .0020036 | -.002255 |
| #3 | .0085927 | .0000478 | -.000268 | 486.5272 | .0018647 | -.001863 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0260504 | .7089810 | .0158823 | 318.5944 | .0008309 | .0003098 |
| Stddev | .0009787 | .0130158 | .0002049 | 1.1543   | .0011731 | .0003439 |
| %RSD   | 3.756932 | 1.835852 | 1.290110 | .3623045 | 141.1924 | 111.0357 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0258505 | .7061619 | .0161170 | 319.8105 | .0007905 | .0001246 |
| #2 | .0271137 | .6976057 | .0157394 | 317.5140 | -.000322 | .0007066 |
| #3 | .0251871 | .7231753 | .0157904 | 318.4587 | .002024  | .0000981 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 640.2476 | .0036473 | .0544367 | 2.383850 | .0048472 | .6949505 |
| Stddev | 2.8328   | .0014975 | .0008274 | .047503  | .0027532 | .0105272 |
| %RSD   | .4424533 | 41.05716 | 1.519976 | 1.992718 | 56.79974 | 1.514806 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 643.1678 | .0053653 | .0552153 | 2.358652 | .0026425 | .7068274 |
| #2 | 637.5111 | .0029577 | .0545269 | 2.354254 | .0079331 | .6912538 |
| #3 | 640.0640 | .0026188 | .0535678 | 2.438643 | .0039660 | .6867704 |

Sample Name: L4578-08      Acquired: 11/05/2020 15:42:00      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MF4P13      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008968 | F 853.9721 | 9.811609 | -.006992 | -.010113 | .0789814 |
| Stddev | .0006240 | 1.1455     | .131240  | .001943  | .000174  | .0016526 |
| %RSD   | 69.58158 | .1341357   | 1.337604 | 27.78749 | 1.716673 | 2.092407 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0001819 | 852.8436 | 9.959072 | -.008192 | -.010057 | .0798651 |
| #2 | .0011761 | 853.9389 | 9.768132 | -.004750 | -.009975 | .0770749 |
| #3 | .0013323 | 855.1338 | 9.707625 | -.008033 | -.010308 | .0800043 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 8.542259 |
| Stddev | .120338  |
| %RSD   | 1.408741 |

|    |          |
|----|----------|
| #1 | 8.680967 |
| #2 | 8.480074 |
| #3 | 8.465736 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 836.1950 | 1415.633 | 25410.62 | 10852.33 | 1154.802 |
| Stddev    | 1.4057   | 2.938    | 113.25   | 89.91    | 2.494    |
| %RSD      | .1681072 | .2075652 | .4456702 | .8285207 | .2159748 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 836.8096 | 1412.433 | 25400.90 | 10754.45 | 1152.568 |
| #2 | 837.1888 | 1418.211 | 25302.54 | 10871.28 | 1154.345 |
| #3 | 834.5866 | 1416.255 | 25528.41 | 10931.25 | 1157.493 |

Sample Name: PB132797BL      Acquired: 11/05/2020 15:46:21      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PBS797      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003426 | .0033271 | -.002431 | -.002513 | -.002138 | -.002291 | .0008208 |
| Stddev | .004703  | .0037999 | .002344  | .002554  | .001467  | .002968  | .0001641 |
| %RSD   | 137.2762 | 114.2119 | 96.40700 | 101.6314 | 68.61527 | 129.5258 | 19.99559 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.008653 | .0074135 | .000270  | -.005265 | -.003177 | -.005611 | .0007344 |
| #2 | .000466  | .0026677 | -.003927 | -.002057 | -.002776 | .000105  | .0007179 |
| #3 | -.002092 | -.000100 | -.003635 | -.000218 | -.000460 | -.001367 | .0010100 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000028 | -.000128 | .0119902 | -.000513 | -.000035 | .0012962 | -.011665 |
| Stddev | .000056  | .000051  | .0025174 | .000975  | .000149  | .0023685 | .004921  |
| %RSD   | 200.6779 | 39.84405 | 20.99518 | 190.1006 | 429.1964 | 182.7275 | 42.18259 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000063 | -.000071 | .0092003 | -.000958 | .000115  | .0001528 | -.006039 |
| #2 | .000037  | -.000169 | .0126782 | .000605  | -.000183 | .0040195 | -.015167 |
| #3 | -.000057 | -.000145 | .0140920 | -.001186 | -.000036 | -.000284 | -.013788 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000169 | -.012575 | .0001336 | .0002650 | .1440878 | -.000006 | -.035683 |
| Stddev | .000107  | .024153  | .0002259 | .0002154 | .2555218 | .001087  | .001279  |
| %RSD   | 63.03323 | 192.0710 | 169.1303 | 81.29930 | 177.3376 | 18635.27 | 3.585405 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000267 | -.019884 | .0003819 | .0002630 | -.100100 | .001062  | -.035204 |
| #2 | -.000055 | -.032229 | .0000783 | .0004814 | .409606  | -.001111 | -.034713 |
| #3 | -.000186 | .014388  | -.000060 | .0000505 | .122757  | .000031  | -.037133 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0238226 | -.000107 | .0021546 | -.000235 | .0065203 | .0065055 | -.000853 |
| Stddev | .0399400 | .002896  | .0005284 | .000204  | .0038128 | .0004017 | .002213  |
| %RSD   | 167.6557 | 2701.022 | 24.52639 | 87.02454 | 58.47556 | 6.175116 | 259.3444 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0298526 | -.001075 | .0027575 | -.000465 | .0101183 | .0069399 | .000696  |
| #2 | -.018789 | -.002395 | .0017720 | -.000168 | .0069188 | .0064293 | -.003388 |
| #3 | .060405  | .003149  | .0019342 | -.000073 | .0025240 | .0061474 | .000132  |

Sample Name: PB132797BL      Acquired: 11/05/2020 15:46:21      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: PBS797      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000183 | .0016031 | .0001646 |
| Stddev | .000741  | .0007693 | .0000364 |
| %RSD   | 404.3135 | 47.98922 | 22.10628 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000542  | .0020795 | .0002052 |
| #2 | -.000152 | .0020142 | .0001348 |
| #3 | -.000939 | .0007156 | .0001539 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 897.5659 | 1542.046 | 26107.23 | 10777.33 | 1352.782 |
| Stddev    | .3781    | 3.624    | 48.19    | 17.63    | 5.172    |
| %RSD      | .0421231 | .2350168 | .1846033 | .1635784 | .3822873 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 897.5491 | 1546.230 | 26097.25 | 10758.08 | 1356.205 |
| #2 | 897.9521 | 1540.044 | 26159.63 | 10792.68 | 1355.308 |
| #3 | 897.1965 | 1539.865 | 26064.80 | 10781.25 | 1346.833 |

Sample Name: PB132797BS      Acquired: 11/05/2020 15:50:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS797      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0175003 | .0469424 | .0206919 | .0760178 | .1244674 | .4139063 |
| Stddev | .0015409 | .0045111 | .0014835 | .0046067 | .0011335 | .0015860 |
| %RSD   | 8.805250 | 9.609845 | 7.169414 | 6.060037 | .9106566 | .3831815 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0187432 | .0427736 | .0223836 | .0761497 | .1257526 | .4121030 |
| #2 | .0157762 | .0463220 | .0200794 | .0805571 | .1236106 | .4145312 |
| #3 | .0179815 | .0517316 | .0196127 | .0713466 | .1240389 | .4150847 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4130425 | .0097496 | .0101569 | 9.795482 | .0225689 | .0976802 |
| Stddev | .0051853 | .0000581 | .0001376 | .043487  | .0001405 | .0003248 |
| %RSD   | 1.255396 | .5956015 | 1.354401 | .4439446 | .6224210 | .3325584 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4086142 | .0097033 | .0103147 | 9.840847 | .0227278 | .0980407 |
| #2 | .4117667 | .0098148 | .0100940 | 9.791441 | .0224615 | .0975900 |
| #3 | .4187467 | .0097308 | .0100620 | 9.754156 | .0225173 | .0974101 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0460257 | .2100015 | .0314044 | 9.569198 | .0835149 | .0197793 |
| Stddev | .0017388 | .0016753 | .0004485 | .105316  | .0003823 | .0002323 |
| %RSD   | 3.777868 | .7977471 | 1.428202 | 1.100569 | .4578132 | 1.174227 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0455553 | .2116066 | .0317785 | 9.456031 | .0837010 | .0196807 |
| #2 | .0479512 | .2101339 | .0309072 | 9.664334 | .0837685 | .0196127 |
| #3 | .0445704 | .2082639 | .0315274 | 9.587229 | .0830751 | .0200446 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.805994 | .0995092 | .0989656 | 9.362418 | .0169951 | F .0198822 |
| Stddev | .099472  | .0007499 | .0019426 | .062875  | .0030038 | .0003959   |
| %RSD   | 1.014398 | .7536054 | 1.962884 | .6715714 | 17.67437 | 1.991126   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.907568 | .0988250 | .0995153 | 9.289858 | .0158734 | .0196852 |
| #2 | 9.801647 | .1003109 | .1005741 | 9.396563 | .0203983 | .0196235 |
| #3 | 9.708767 | .0993916 | .0968074 | 9.400833 | .0147136 | .0203379 |

Sample Name: PB132797BS      Acquired: 11/05/2020 15:50:29      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: LCS797      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0211962 | .1746802 | .2040584 | .0132664 | .1961625 | F .0937261 |
| Stddev | .0004897 | .0044643 | .0002539 | .0011018 | .0007922 | .0011777   |
| %RSD   | 2.310504 | 2.555667 | .1244073 | 8.305241 | .4038520 | 1.256520   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0211220 | .1698120 | .2039865 | .0120680 | .1957649 | .0933137 |
| #2 | .0217188 | .1785822 | .2043404 | .0134956 | .1970748 | .0928101 |
| #3 | .0207478 | .1756465 | .2038482 | .0142356 | .1956479 | .0950545 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1924804 |
| Stddev | .0005938 |
| %RSD   | .3085057 |

|    |          |
|----|----------|
| #1 | .1919747 |
| #2 | .1923322 |
| #3 | .1931343 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 908.9514 | 1554.545 | 26657.22 | 11128.42 | 1381.176 |
| Stddev    | 3.0550   | 2.142    | 66.05    | 21.76    | 2.395    |
| %RSD      | .3360978 | .1377578 | .2477726 | .1955108 | .1734004 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 906.3928 | 1556.232 | 26615.34 | 11103.46 | 1378.450 |
| #2 | 908.1276 | 1552.136 | 26733.36 | 11138.48 | 1382.130 |
| #3 | 912.3338 | 1555.266 | 26622.96 | 11143.33 | 1382.946 |

Sample Name: PB132798BL      Acquired: 11/05/2020 15:54:38      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: PBS798      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001090 | .0023623 | -.003262 | .0005223 | -.003052 | -.007479 | .0000121 |
| Stddev | .004887  | .0026339 | .001548  | .0033979 | .002002  | .001603  | .0005748 |
| %RSD   | 448.2070 | 111.4983 | 47.47346 | 650.5138 | 65.58812 | 21.43420 | 4746.212 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .002377  | .0002234 | -.002218 | -.001631 | -.000951 | -.008658 | -.000521 |
| #2 | -.006680 | .0015592 | -.005041 | -.001241 | -.003269 | -.008125 | -.000064 |
| #3 | .001031  | .0053043 | -.002526 | .004439  | -.004937 | -.005653 | .000621  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000319 | -.000028 | .0031683 | -.000118 | .0003248 | -.000483 | -.005195 |
| Stddev | .0000453 | .000038  | .0021995 | .000687  | .0002045 | .000189  | .002785  |
| %RSD   | 142.0695 | 136.0272 | 69.42237 | 584.0461 | 62.97059 | 39.13936 | 53.61210 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000020 | -.000004 | .0045285 | -.000523 | .0001473 | -.000592 | -.005260 |
| #2 | .000061  | -.000008 | .0043456 | -.000506 | .0005484 | -.000593 | -.002378 |
| #3 | .000055  | -.000072 | .0006307 | .000676  | .0002786 | -.000265 | -.007947 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000199 | -.033689 | -.000175 | .0006396 | .1605411 | .0017892 | -.036651 |
| Stddev | .000292  | .012196  | .000179  | .0000939 | .1288870 | .0005822 | .000873  |
| %RSD   | 146.5693 | 36.20107 | 102.5220 | 14.68603 | 80.28288 | 32.54097 | 2.382071 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000147 | -.035045 | -.000381 | .0006413 | .0301410 | .0014988 | -.036027 |
| #2 | -.000513 | -.045151 | -.000071 | .0005449 | .2878598 | .0024595 | -.036277 |
| #3 | .000063  | -.020872 | -.000071 | .0007327 | .1636225 | .0014092 | -.037648 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018697 | -.001546 | -.001057 | -.000352 | -.005639 | .0051359 | -.001865 |
| Stddev | .0311803 | .002082  | .000581  | .000342  | .001680  | .0007452 | .001223  |
| %RSD   | 1667.633 | 134.6506 | 54.95178 | 97.21948 | 29.78406 | 14.51035 | 65.57153 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.032244 | .000167  | -.000811 | .000039  | -.007562 | .0044980 | -.001835 |
| #2 | .028896  | -.003863 | -.000639 | -.000501 | -.004899 | .0059550 | -.003103 |
| #3 | .008958  | -.000942 | -.001720 | -.000594 | -.004456 | .0049546 | -.000657 |

Sample Name: PB132798BL      Acquired: 11/05/2020 15:54:38      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: PBS798      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0002230 | .0001814 | -.000036 |
| Stddev | .0006468 | .0010674 | .000043  |
| %RSD   | 290.0247 | 588.2607 | 119.2631 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000415 | .0014051 | .000013  |
| #2 | .000878  | -.000303 | -.000055 |
| #3 | .000207  | -.000558 | -.000066 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 909.4511 | 1559.469 | 26609.08 | 11083.78 | 1373.837 |
| Stddev    | 4.0588   | 6.090    | 31.40    | 14.82    | 2.869    |
| %RSD      | .4462863 | .3904894 | .1180076 | .1336936 | .2088206 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 913.5043 | 1559.547 | 26611.11 | 11073.43 | 1374.967 |
| #2 | 909.4621 | 1565.519 | 26639.41 | 11100.75 | 1375.969 |
| #3 | 905.3868 | 1553.341 | 26576.71 | 11077.15 | 1370.575 |

Sample Name: PB132798BS      Acquired: 11/05/2020 15:58:48      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS798      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0174782 | .0496281 | .0191974 | .0744723 | .1210451 | .4030228 |
| Stddev | .0020849 | .0057712 | .0010733 | .0021384 | .0009507 | .0016122 |
| %RSD   | 11.92849 | 11.62889 | 5.590795 | 2.871396 | .7854114 | .4000215 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0154867 | .0561495 | .0185909 | .0753217 | .1217217 | .4046452 |
| #2 | .0196454 | .0475548 | .0204366 | .0760554 | .1199581 | .4030022 |
| #3 | .0173025 | .0451799 | .0185646 | .0720397 | .1214554 | .4014210 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3625560 | .0097134 | .0099294 | 9.669836 | .0216725 | .0968570 |
| Stddev | .0009065 | .0001149 | .0000734 | .051550  | .0003878 | .0004650 |
| %RSD   | .2500172 | 1.182602 | .7392901 | .5330964 | 1.789190 | .4800472 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3615442 | .0098063 | .0100135 | 9.728168 | .0220273 | .0970987 |
| #2 | .3628296 | .0097489 | .0098967 | 9.630402 | .0217317 | .0963210 |
| #3 | .3632941 | .0095849 | .0098780 | 9.650939 | .0212586 | .0971514 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0447837 | .2129451 | .0310456 | 9.447504 | .0827678 | .0193902 |
| Stddev | .0012219 | .0009560 | .0005563 | .078073  | .0001207 | .0003059 |
| %RSD   | 2.728498 | .4489555 | 1.791798 | .8263927 | .1458649 | 1.577624 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0447865 | .2119746 | .0313221 | 9.358644 | .0828551 | .0190620 |
| #2 | .0435605 | .2129747 | .0314094 | 9.505103 | .0828183 | .0196674 |
| #3 | .0460043 | .2138860 | .0304053 | 9.478765 | .0826300 | .0194411 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.867740 | .1009500 | .0982909 | 9.327748 | .0176829 | F .0180118 |
| Stddev | .204739  | .0021598 | .0021906 | .100484  | .0031167 | .0008540   |
| %RSD   | 2.074830 | 2.139472 | 2.228694 | 1.077260 | 17.62537 | 4.741135   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.711873 | .0990926 | .0957739 | 9.440079 | .0148596 | .0175455 |
| #2 | 10.09961 | .1033200 | .0993316 | 9.296749 | .0171617 | .0174924 |
| #3 | 9.79173  | .1004375 | .0997671 | 9.246415 | .0210272 | .0189973 |

Sample Name: PB132798BS      Acquired: 11/05/2020 15:58:48      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS798      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0206994 | .1626008 | .2016496 | .0109124 | .1948576 | F .0922373 |
| Stddev | .0004666 | .0040595 | .0008158 | .0003077 | .0009233 | .0003999   |
| %RSD   | 2.254357 | 2.496589 | .4045728 | 2.819536 | .4738091 | .4335554   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0202635 | .1667943 | .2021844 | .0109471 | .1938169 | .0925445 |
| #2 | .0211916 | .1623179 | .2007106 | .0105889 | .1951778 | .0923823 |
| #3 | .0206431 | .1586902 | .2020537 | .0112013 | .1955782 | .0917851 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1908597 |
| Stddev | .0003207 |
| %RSD   | .1680520 |

|    |          |
|----|----------|
| #1 | .1911928 |
| #2 | .1905529 |
| #3 | .1908334 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 912.5381 | 1565.682 | 26840.11 | 11214.18 | 1391.984 |
| Stddev    | 5.5738   | 1.584    | 67.86    | 18.55    | 2.780    |
| %RSD      | .6108018 | .1011882 | .2528318 | .1654361 | .1997376 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 910.5980 | 1563.889 | 26804.29 | 11206.19 | 1389.542 |
| #2 | 918.8227 | 1566.265 | 26918.38 | 11200.96 | 1395.010 |
| #3 | 908.1937 | 1566.892 | 26797.67 | 11235.39 | 1391.400 |

Sample Name: L4581-09      Acquired: 11/05/2020 16:02:56      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4533      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0395300 | .0082807 | .0740960 | .0023609 | .0013030 | 24.72200 |
| Stddev | .0054506 | .0035178 | .0005389 | .0036715 | .0018869 | .05249   |
| %RSD   | 13.78864 | 42.48248 | .7273416 | 155.5168 | 144.8082 | .2123140 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0362790 | .0062397 | .0742069 | -.001419 | .0022745 | 24.74110 |
| #2 | .0458227 | .0123427 | .0745708 | .002587  | -.000872 | 24.66264 |
| #3 | .0364883 | .0062596 | .0735102 | .005914  | .002506  | 24.76226 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1145824 | .0021327 | .0033031 | F 846.4035 | .0751207 | .0381723 |
| Stddev | .0006913 | .0000902 | .0002151 | 2.6213     | .0012209 | .0002805 |
| %RSD   | .6033478 | 4.230756 | 6.511896 | .3097020   | 1.625248 | .7347288 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1140027 | .0021224 | .0031494 | 845.6600 | .0739341 | .0380077 |
| #2 | .1143970 | .0022276 | .0035489 | 844.2342 | .0750548 | .0384961 |
| #3 | .1153476 | .0020480 | .0032109 | 849.3162 | .0763732 | .0380130 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0795632 | 90.55018 | 4.370589 | 372.2040 | .0898425 | .0033498 |
| Stddev | .0010441 | .15869   | .006024  | .9612    | .0010335 | .0003851 |
| %RSD   | 1.312256 | .1752540 | .1378309 | .2582470 | 1.150332 | 11.49726 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0807024 | 90.54909 | 4.376898 | 372.4074 | .0905574 | .0036975 |
| #2 | .0793354 | 90.39203 | 4.364897 | 371.1573 | .0903126 | .0029358 |
| #3 | .0786519 | 90.70941 | 4.369973 | 373.0472 | .0886576 | .0034160 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.301138 | .1261625 | .8834361 | 2.824506 | 2.924639 | .0199467 |
| Stddev | .117972  | .0018810 | .0061901 | .041924  | .004757  | .0032129 |
| %RSD   | 9.066847 | 1.490950 | .7006850 | 1.484302 | .1626490 | 16.10753 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.223124 | .1276205 | .8807649 | 2.860132 | 2.927372 | .0164869 |
| #2 | 1.436855 | .1240393 | .8905133 | 2.778308 | 2.919146 | .0205166 |
| #3 | 1.243436 | .1268277 | .8790301 | 2.835078 | 2.927398 | .0228365 |

Sample Name: L4581-09      Acquired: 11/05/2020 16:02:56      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4533      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0092284 | 15.03370 | 1.884874 | .0050647 | 1.078424 | .0787629 |
| Stddev | .0004684 | .04291   | .011244  | .0011084 | .004702  | .0005998 |
| %RSD   | 5.076025 | .2854362 | .5965324 | 21.88409 | .4359751 | .7614683 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0096991 | 15.07480 | 1.896691 | .0061145 | 1.078106 | .0792326 |
| #2 | .0092239 | 14.98918 | 1.874308 | .0039059 | 1.073889 | .0780873 |
| #3 | .0087623 | 15.03713 | 1.883621 | .0051736 | 1.083276 | .0789687 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3149136 |
| Stddev | .0001399 |
| %RSD   | .0444172 |

|    |          |
|----|----------|
| #1 | .3150330 |
| #2 | .3147597 |
| #3 | .3149480 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 890.4896 | 1501.779 | 26830.86 | 11409.86 | 1152.749 |
| Stddev    | 1.2856   | 1.254    | 48.33    | 43.02    | .635     |
| %RSD      | .1443680 | .0834989 | .1801419 | .3770430 | .0551069 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 889.0323 | 1501.317 | 26886.02 | 11379.65 | 1152.613 |
| #2 | 891.4631 | 1503.198 | 26795.93 | 11459.12 | 1153.441 |
| #3 | 890.9733 | 1500.821 | 26810.63 | 11390.82 | 1152.193 |

Sample Name: L4581-10      Acquired: 11/05/2020 16:07:08      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4533D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0448554 | .0048661 | .0779082 | .0056265 | .0055960 | 24.57928 |
| Stddev | .0083339 | .0043206 | .0012261 | .0023830 | .0024994 | .06037   |
| %RSD   | 18.57943 | 88.78929 | 1.573734 | 42.35417 | 44.66376 | .2456125 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0389336 | .0007031 | .0774609 | .0033415 | .0060475 | 24.53737 |
| #2 | .0543853 | .0045665 | .0792952 | .0054413 | .0029017 | 24.55199 |
| #3 | .0412471 | .0093286 | .0769686 | .0080967 | .0078389 | 24.64848 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1153369 | .0021581 | .0031649 | F 857.3751 | .0746351 | .0384150 |
| Stddev | .0010450 | .0000896 | .0001821 | 4.5285     | .0008429 | .0001241 |
| %RSD   | .9060287 | 4.151913 | 5.752225 | .5281789   | 1.129303 | .3229969 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1163609 | .0022485 | .0030878 | 859.8360 | .0755546 | .0385580 |
| #2 | .1142721 | .0021566 | .0030341 | 860.1402 | .0744517 | .0383507 |
| #3 | .1153777 | .0020693 | .0033728 | 852.1490 | .0738991 | .0383362 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0795450 | 90.12082 | 4.403699 | 371.3355 | .0892727 | .0031735 |
| Stddev | .0019280 | .48227   | .010837  | 1.3794   | .0002971 | .0002339 |
| %RSD   | 2.423755 | .5351409 | .2460964 | .3714727 | .3328408 | 7.369803 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0816382 | 89.69192 | 4.416180 | 370.1039 | .0892682 | .0033375 |
| #2 | .0778420 | 90.02767 | 4.398236 | 371.0765 | .0889778 | .0029057 |
| #3 | .0791546 | 90.64288 | 4.396680 | 372.8260 | .0895720 | .0032773 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.452734 | .1283926 | .9040476 | 2.768153 | 2.938786 | .0171820 |
| Stddev | .300361  | .0009333 | .0037976 | .026958  | .010532  | .0014873 |
| %RSD   | 20.67559 | .7269088 | .4200617 | .9738557 | .3583652 | 8.656143 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.611062 | .1293519 | .8996633 | 2.754127 | 2.929622 | .0168054 |
| #2 | 1.106332 | .1283380 | .9061709 | 2.751100 | 2.936443 | .0159191 |
| #3 | 1.640807 | .1274877 | .9063086 | 2.799232 | 2.950291 | .0188213 |

Sample Name: L4581-10      Acquired: 11/05/2020 16:07:08      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4533D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0094304 | 15.12293 | 1.900601 | .0053650 | 1.081015 | .0761956 |
| Stddev | .0005553 | .03057   | .010193  | .0013659 | .002274  | .0015118 |
| %RSD   | 5.887938 | .2021114 | .5363014 | 25.45907 | .2103859 | 1.984135 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0100531 | 15.09183 | 1.909375 | .0057987 | 1.079228 | .0757072 |
| #2 | .0089869 | 15.12403 | 1.903009 | .0038350 | 1.080242 | .0778913 |
| #3 | .0092511 | 15.15293 | 1.889420 | .0064614 | 1.083575 | .0749883 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3150733 |
| Stddev | .0006088 |
| %RSD   | .1932218 |

|    |          |
|----|----------|
| #1 | .3150292 |
| #2 | .3144877 |
| #3 | .3157029 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 882.6353 | 1498.292 | 26743.70 | 11333.17 | 1149.170 |
| Stddev    | 2.4387   | 1.167    | 137.38   | 17.60    | 1.230    |
| %RSD      | .2763030 | .0778594 | .5137089 | .1552978 | .1069932 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 885.0704 | 1497.004 | 26761.14 | 11317.01 | 1148.426 |
| #2 | 882.6425 | 1499.279 | 26871.52 | 11351.93 | 1148.495 |
| #3 | 880.1929 | 1498.592 | 26598.42 | 11330.58 | 1150.589 |

Sample Name: L4581-09LX5      Acquired: 11/05/2020 16:15:22      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4533L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0082987 | -.000416 | .0129999 | -.001123 | -.001722 | 4.738226 | .0224767 |
| Stddev | .0025149 | .002556  | .0019442 | .004530  | .002672  | .009094  | .0002596 |
| %RSD   | 30.30515 | 614.6774 | 14.95550 | 403.4238 | 155.1678 | .1919203 | 1.154845 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0090396 | .002447  | .0133259 | .003970  | -.000038 | 4.745229 | .0227499 |
| #2 | .0054965 | -.001228 | .0147605 | -.004701 | -.004803 | 4.727948 | .0222334 |
| #3 | .0103599 | -.002467 | .0109133 | -.002637 | -.000325 | 4.741500 | .0224469 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005938 | .0004349 | 172.0991 | .0159493 | .0055122 | .0175330 | 18.47481 |
| Stddev | .0000484 | .0000396 | .3442    | .0006771 | .0002021 | .0011685 | .10657   |
| %RSD   | 8.143664 | 9.099220 | .1999907 | 4.245136 | 3.666558 | 6.664510 | .5768202 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005845 | .0004768 | 171.7704 | .0152496 | .0053147 | .0161904 | 18.49662 |
| #2 | .0005508 | .0004296 | 172.4569 | .0166013 | .0055032 | .0183205 | 18.35902 |
| #3 | .0006462 | .0003982 | 172.0700 | .0159970 | .0057186 | .0180881 | 18.56878 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9086577 | 70.97914 | .0162124 | .0010979 | .2965175 | .0262477 | .1532397 |
| Stddev | .0041833 | .25114   | .0010649 | .0003947 | .2895807 | .0030089 | .0042521 |
| %RSD   | .4603770 | .3538283 | 6.568126 | 35.94711 | 97.66057 | 11.46347 | 2.774822 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9038938 | 70.96883 | .0164210 | .0008086 | .5118818 | .0282400 | .1552739 |
| #2 | .9117311 | 70.73331 | .0150586 | .0015475 | -.032684 | .0227865 | .1483525 |
| #3 | .9103483 | 71.23528 | .0171574 | .0009376 | .410354  | .0277167 | .1560925 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4573430 | .5180344 | .0029220 | .0010373 | 2.617883 | .3823402 | -.003080 |
| Stddev | .0461288 | .0079857 | .0007256 | .0003818 | .006049  | .0026376 | .000422  |
| %RSD   | 10.08626 | 1.541536 | 24.83039 | 36.80670 | .2310741 | .6898653 | 13.71746 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4876251 | .5204923 | .0037217 | .0006831 | 2.612429 | .3826801 | -.003119 |
| #2 | .4042531 | .5245023 | .0023058 | .0014418 | 2.624389 | .3795491 | -.002639 |
| #3 | .4801508 | .5091087 | .0027385 | .0009872 | 2.616830 | .3847914 | -.003481 |

Sample Name: L4581-09LX5      Acquired: 11/05/2020 16:15:22      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4533L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2180109 | .0141376 | .0630734 |
| Stddev | .0011197 | .0009779 | .0001353 |
| %RSD   | .5135907 | 6.916764 | .2145605 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2176952 | .0151960 | .0630949 |
| #2 | .2170830 | .0132677 | .0629286 |
| #3 | .2192545 | .0139492 | .0631967 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 888.1032 | 1526.992 | 26473.18 | 11199.42 | 1300.905 |
| Stddev    | 3.0774   | 3.228    | 67.82    | 36.57    | 1.946    |
| %RSD      | .3465148 | .2113927 | .2561655 | .3265070 | .1495584 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 886.3423 | 1523.501 | 26543.19 | 11160.00 | 1302.969 |
| #2 | 886.3107 | 1527.608 | 26407.80 | 11232.24 | 1300.641 |
| #3 | 891.6567 | 1529.868 | 26468.56 | 11206.03 | 1299.105 |

Sample Name: L4582-06      Acquired: 11/05/2020 16:19:26      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4508      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0511191 | .0201254 | .1762988 | .0053644 | .0033785 | 89.80365 | .5905821 |
| Stddev | .0043995 | .0053015 | .0038023 | .0036312 | .0014661 | .22697   | .0012001 |
| %RSD   | 8.606305 | 26.34237 | 2.156742 | 67.69105 | 43.39520 | .2527386 | .2031970 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0555139 | .0188908 | .1786936 | .0041319 | .0030884 | 89.58697 | .5892042 |
| #2 | .0467150 | .0155501 | .1782884 | .0025099 | .0020792 | 90.03967 | .5913982 |
| #3 | .0511284 | .0259352 | .1719145 | .0094514 | .0049680 | 89.78431 | .5911440 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066301 | .0041171 | 291.5671 | .1649440 | .0993502 | .2044231 | 183.9034 |
| Stddev | .0000745 | .0001128 | .3489    | .0009357 | .0005681 | .0021290 | .4174    |
| %RSD   | 1.123995 | 2.739965 | .1196595 | .5673078 | .5718608 | 1.041449 | .2269723 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065444 | .0040374 | 291.1756 | .1648156 | .0990140 | .2022640 | 183.4333 |
| #2 | .0066795 | .0042462 | 291.8451 | .1659373 | .1000062 | .2065205 | 184.2305 |
| #3 | .0066665 | .0040679 | 291.6805 | .1640791 | .0990304 | .2044847 | 184.0465 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.998596 | 145.3212 | .2734268 | .0061086 | .4872898 | .1771483 | 1.185027 |
| Stddev | .014140  | .5452    | .0005135 | .0001827 | .0693860 | .0025122 | .002836  |
| %RSD   | .3536282 | .3751722 | .1878069 | 2.990392 | 14.23917 | 1.418125 | .2392917 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.982325 | 144.8979 | .2737544 | .0060472 | .5174337 | .1752936 | 1.188300 |
| #2 | 4.005556 | 145.9364 | .2736910 | .0063140 | .4079300 | .1800073 | 1.183315 |
| #3 | 4.007907 | 145.1292 | .2728349 | .0059645 | .5365058 | .1761441 | 1.183466 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.28491 | 5.607569 | .0332344 | .0076006 | 3.936607 | 3.490787 | .0115297 |
| Stddev | .10670   | .020106  | .0013940 | .0003869 | .023209  | .006860  | .0024216 |
| %RSD   | .7469433 | .3585547 | 4.194380 | 5.090347 | .5895725 | .1965206 | 21.00278 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.16175 | 5.584354 | .0317363 | .0075423 | 3.945394 | 3.490976 | .0131533 |
| #2 | 14.34936 | 5.619420 | .0334735 | .0080133 | 3.954139 | 3.497551 | .0087464 |
| #3 | 14.34363 | 5.618933 | .0344933 | .0072461 | 3.910287 | 3.483834 | .0126894 |

Sample Name: L4582-06      Acquired: 11/05/2020 16:19:26      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4508      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8925438 | .1680661 | .1903471 |
| Stddev | .0019956 | .0003107 | .0000912 |
| %RSD   | .2235899 | .1848682 | .0479006 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8902414 | .1684248 | .1902424 |
| #2 | .8936123 | .1678918 | .1904091 |
| #3 | .8937778 | .1678816 | .1903898 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 968.8731 | 1670.496 | 29163.39 | 12417.16 | 1254.006 |
| Stddev    | 5.7354   | 2.922    | 143.25   | 40.17    | 1.512    |
| %RSD      | .5919684 | .1749305 | .4911834 | .3235234 | .1206061 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 966.5147 | 1671.399 | 29211.16 | 12418.05 | 1252.547 |
| #2 | 964.6929 | 1672.860 | 29002.36 | 12376.55 | 1253.903 |
| #3 | 975.4118 | 1667.228 | 29276.64 | 12456.88 | 1255.567 |

Sample Name: L4582-07      Acquired: 11/05/2020 16:23:26      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4508D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0439749 | .0203568 | .1751251 | .0057046 | .0026306 | 89.77755 | .5897658 |
| Stddev | .0017628 | .0051407 | .0022537 | .0064244 | .0030341 | .11601   | .0011838 |
| %RSD   | 4.008695 | 25.25266 | 1.286922 | 112.6178 | 115.3396 | .1292205 | .2007258 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0432570 | .0153355 | .1725704 | -.000834 | .0060485 | 89.82234 | .5898707 |
| #2 | .0426843 | .0201260 | .1768319 | .012008  | .0015878 | 89.86449 | .5885330 |
| #3 | .0459834 | .0256091 | .1759730 | .005940  | .0002554 | 89.64582 | .5908937 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066694 | .0041189 | 290.9375 | .1643160 | .0982648 | .2071643 | 182.6751 |
| Stddev | .0000182 | .0001412 | .3964    | .0007151 | .0007038 | .0004723 | .4402    |
| %RSD   | .2734486 | 3.429373 | .1362390 | .4351814 | .7162106 | .2279871 | .2409665 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0066708 | .0040378 | 291.2971 | .1639147 | .0975683 | .2068744 | 182.9442 |
| #2 | .0066505 | .0042820 | 290.5125 | .1651416 | .0982506 | .2069092 | 182.9139 |
| #3 | .0066869 | .0040368 | 291.0030 | .1638917 | .0989756 | .2077093 | 182.1671 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.964163 | 144.8529 | .2725718 | .0062518 | .4256954 | .1748865 | 1.186355 |
| Stddev | .008322  | .5763    | .0007103 | .0004952 | .0667296 | .0022259 | .001238  |
| %RSD   | .2099239 | .3978707 | .2605860 | 7.921169 | 15.67544 | 1.272767 | .1043764 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.972632 | 145.0152 | .2719493 | .0056831 | .4279321 | .1732300 | 1.186118 |
| #2 | 3.963861 | 145.3307 | .2724205 | .0064844 | .3578755 | .1774167 | 1.187694 |
| #3 | 3.955997 | 144.2128 | .2733455 | .0065880 | .4912785 | .1740129 | 1.185252 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.25224 | 5.626354 | .0292858 | .0073823 | 3.974129 | 3.457533 | .0143464 |
| Stddev | .07421   | .025437  | .0021765 | .0006257 | .008739  | .017655  | .0007132 |
| %RSD   | .5207032 | .4521085 | 7.432029 | 8.475348 | .2198898 | .5106209 | 4.971488 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.20461 | 5.608663 | .0272012 | .0079353 | 3.983516 | 3.473693 | .0144338 |
| #2 | 14.33775 | 5.655505 | .0315439 | .0067032 | 3.966230 | 3.460217 | .0150120 |
| #3 | 14.21438 | 5.614894 | .0291125 | .0075085 | 3.972642 | 3.438690 | .0135935 |

Sample Name: L4582-07      Acquired: 11/05/2020 16:23:26      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4508D      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8867189 | .1682292 | .1905999 |
| Stddev | .0017572 | .0010310 | .0004068 |
| %RSD   | .1981681 | .6128415 | .2134342 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8868277 | .1690198 | .1909962 |
| #2 | .8884192 | .1686047 | .1906202 |
| #3 | .8849099 | .1670631 | .1901833 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 965.8461 | 1660.756 | 29137.22 | 12484.46 | 1249.554 |
| Stddev    | 4.8510   | 2.258    | 27.20    | 13.95    | 1.942    |
| %RSD      | .5022559 | .1359552 | .0933526 | .1117506 | .1554181 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 968.7879 | 1659.643 | 29160.08 | 12480.71 | 1251.050 |
| #2 | 960.2470 | 1659.271 | 29107.14 | 12472.76 | 1250.252 |
| #3 | 968.5034 | 1663.354 | 29144.44 | 12499.90 | 1247.359 |

Sample Name: L4582-06LX5      Acquired: 11/05/2020 16:31:22      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4508L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0165662 | .0047155 | .0347189 | .0002308 | -.001967 | 18.52957 | .1249409 |
| Stddev | .0054272 | .0070320 | .0016968 | .0025782 | .000136  | .04626   | .0005623 |
| %RSD   | 32.76069 | 149.1246 | 4.887227 | 1117.322 | 6.934937 | .2496550 | .4500799 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0165886 | -.002363 | .0363887 | .0030080 | -.001881 | 18.47998 | .1255228 |
| #2 | .0219822 | .004810  | .0347718 | -.002086 | -.002124 | 18.53716 | .1244004 |
| #3 | .0111278 | .011700  | .0329963 | -.000229 | -.001896 | 18.57156 | .1248995 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015504 | .0005836 | 61.10099 | .0363029 | .0181141 | .0440766 | 39.70158 |
| Stddev | .0000254 | .0000297 | .21893   | .0003288 | .0000761 | .0011956 | .19183   |
| %RSD   | 1.635778 | 5.090335 | .3583018 | .9058202 | .4199384 | 2.712634 | .4831747 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015519 | .0005553 | 61.35308 | .0366788 | .0180281 | .0430479 | 39.48015 |
| #2 | .0015750 | .0006145 | 60.99128 | .0360682 | .0181416 | .0453883 | 39.81713 |
| #3 | .0015243 | .0005809 | 60.95861 | .0361618 | .0181725 | .0437935 | 39.80747 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8697155 | 30.03097 | .0524003 | .0015801 | .0917909 | .0370680 | .2192796 |
| Stddev | .0004387 | .16350   | .0002338 | .0002219 | .1816659 | .0019733 | .0014068 |
| %RSD   | .0504411 | .5444300 | .4462650 | 14.04377 | 197.9128 | 5.323334 | .6415435 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8698834 | 29.87244 | .0523699 | .0016271 | .2775660 | .0383085 | .2208282 |
| #2 | .8700454 | 30.02145 | .0526479 | .0017747 | .0832727 | .0381029 | .2180807 |
| #3 | .8692176 | 30.19902 | .0521832 | .0013385 | -.085466 | .0347926 | .2189298 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.757711 | 1.069459 | .0056461 | .0011841 | .7440855 | .7525675 | .0013335 |
| Stddev | .029010  | .004611  | .0007818 | .0002906 | .0049495 | .0037538 | .0014236 |
| %RSD   | 1.051964 | .4311300 | 13.84775 | 24.54151 | .6651750 | .4988026 | 106.7540 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.726442 | 1.074482 | .0059205 | .0009876 | .7387464 | .7487984 | .0025806 |
| #2 | 2.762940 | 1.065418 | .0047640 | .0010467 | .7449892 | .7525983 | .0016374 |
| #3 | 2.783751 | 1.068478 | .0062537 | .0015179 | .7485208 | .7563059 | -.000217 |

Sample Name: L4582-06LX5      Acquired: 11/05/2020 16:31:22      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4508L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1894135 | .0328802 | .0404676 |
| Stddev | .0011465 | .0002682 | .0000413 |
| %RSD   | .6052631 | .8158562 | .1019628 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1881757 | .0327298 | .0404861 |
| #2 | .1904389 | .0327208 | .0404964 |
| #3 | .1896259 | .0331899 | .0404203 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 920.8853 | 1581.334 | 27274.56 | 11515.49 | 1348.488 |
| Stddev    | 4.6748   | 5.516    | 39.05    | 33.92    | 2.699    |
| %RSD      | .5076383 | .3488428 | .1431812 | .2945539 | .2001167 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 917.3731 | 1577.968 | 27229.91 | 11554.52 | 1346.351 |
| #2 | 919.0916 | 1587.700 | 27291.39 | 11493.13 | 1351.521 |
| #3 | 926.1913 | 1578.334 | 27302.37 | 11498.83 | 1347.594 |

Sample Name: L4581-01      Acquired: 11/05/2020 16:35:25      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4511      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0522797 | .0200282 | 1.413756 | .0043946 | .0034121 | 46.41901 |
| Stddev | .0171207 | .0009733 | .004264  | .0046820 | .0038379 | .11720   |
| %RSD   | 32.74833 | 4.859789 | .3016276 | 106.5397 | 112.4794 | .2524722 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0340867 | .0189098 | 1.418558 | .0037190 | -.000739 | 46.30248 |
| #2 | .0680754 | .0204908 | 1.410411 | .0000871 | .004145  | 46.41770 |
| #3 | .0546770 | .0206839 | 1.412300 | .0093777 | .006831  | 46.53686 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5569255 | .0057679 | .0100191 | F 1055.271 | 1.008338 | .2531454 |
| Stddev | .0012438 | .0001306 | .0002036 | 3.475      | .001637  | .0006280 |
| %RSD   | .2233379 | 2.263870 | 2.032138 | .3293377   | .1623510 | .2480687 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5557664 | .0056733 | .0100115 | 1051.280 | 1.010036 | .2538700 |
| #2 | .5567706 | .0057135 | .0102264 | 1056.902 | 1.008208 | .2527585 |
| #3 | .5582395 | .0059169 | .0098194 | 1057.631 | 1.006770 | .2528078 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4181273 | 205.7055 | 4.130285 | 624.1086 | 1.878757 | .0069701 |
| Stddev | .0028686 | .8208    | .010198  | 2.3969   | .003003  | .0002188 |
| %RSD   | .6860519 | .3990291 | .2469011 | .3840544 | .1598640 | 3.138935 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4171509 | 204.7728 | 4.121163 | 621.3977 | 1.881891 | .0067250 |
| #2 | .4158744 | 206.0258 | 4.128396 | 624.9810 | 1.875904 | .0070397 |
| #3 | .4213566 | 206.3178 | 4.141295 | 625.9471 | 1.878474 | .0071456 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.241566 | .1815589 | 2.783731 | 6.359290 | 4.632042 | .0418185 |
| Stddev | .067450  | .0001413 | .015288  | .110127  | .006830  | .0011770 |
| %RSD   | 5.432683 | .0778315 | .5491911 | 1.731747 | .1474460 | 2.814533 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.282623 | .1814664 | 2.770883 | 6.232412 | 4.624615 | .0407393 |
| #2 | 1.278355 | .1817215 | 2.779671 | 6.415348 | 4.633458 | .0430735 |
| #3 | 1.163720 | .1814887 | 2.800639 | 6.430110 | 4.638052 | .0416426 |

Sample Name: L4581-01      Acquired: 11/05/2020 16:35:25      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4511      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1851105 | 6.976511 | 8.126038 | .0439890 | 1.350454 | .1033718 |
| Stddev | .0005588 | .014726  | .027751  | .0008712 | .004292  | .0014901 |
| %RSD   | .3018531 | .2110726 | .3415014 | 1.980586 | .3177993 | 1.441455 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1844658 | 6.989579 | 8.125036 | .0448407 | 1.345570 | .1026713 |
| #2 | .1854096 | 6.960555 | 8.098802 | .0430994 | 1.352165 | .1023610 |
| #3 | .1854560 | 6.979397 | 8.154276 | .0440269 | 1.353626 | .1050830 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3606077 |
| Stddev | .0013022 |
| %RSD   | .3611044 |

|    |          |
|----|----------|
| #1 | .3591078 |
| #2 | .3612661 |
| #3 | .3614491 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 876.8500 | 1498.357 | 27079.37 | 11640.20 | 1109.976 |
| Stddev    | 4.6079   | 1.561    | 5.68     | 30.37    | 2.747    |
| %RSD      | .5255044 | .1041744 | .0209910 | .2608759 | .2474754 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 877.6455 | 1497.423 | 27085.65 | 11661.93 | 1107.128 |
| #2 | 881.0084 | 1500.159 | 27074.58 | 11653.16 | 1112.609 |
| #3 | 871.8962 | 1497.488 | 27077.87 | 11605.50 | 1110.191 |

Sample Name: L4581-02      Acquired: 11/05/2020 16:39:33      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4512      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0493416 | .0211711 | 1.044279 | .0083392 | .0062241 | 52.79394 | .8394014 |
| Stddev | .0102538 | .0042654 | .002909  | .0055716 | .0024771 | .28062   | .0017399 |
| %RSD   | 20.78126 | 20.14711 | .2785687 | 66.81177 | 39.79759 | .5315351 | .2072804 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0532174 | .0260957 | 1.045616 | .0031789 | .0042327 | 52.83803 | .8404425 |
| #2 | .0570925 | .0187737 | 1.046279 | .0075920 | .0054418 | 53.04990 | .8403689 |
| #3 | .0377148 | .0186439 | 1.040942 | .0142467 | .0089979 | 52.49389 | .8373927 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0043451 | .0088236 | 434.2022 | .1935065 | .0981532 | .2786794 | 160.7316 |
| Stddev | .0000602 | .0000223 | 3.2655   | .0007120 | .0004367 | .0026013 | .7875    |
| %RSD   | 1.385841 | .2524493 | .7520708 | .3679363 | .4449468 | .9334282 | .4899511 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0044117 | .0087981 | 434.9787 | .1942028 | .0978463 | .2774998 | 161.1313 |
| #2 | .0043289 | .0088339 | 437.0095 | .1927798 | .0979601 | .2816614 | 161.2391 |
| #3 | .0042946 | .0088389 | 430.6184 | .1935370 | .0986532 | .2768768 | 159.8244 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.300057 | 206.4238 | .3434073 | .0056331 | .6469671 | .1856275 | 5.225854 |
| Stddev | .013709  | .8703    | .0008334 | .0001830 | .0674102 | .0024136 | .014597  |
| %RSD   | .3188113 | .4216218 | .2426740 | 3.249012 | 10.41941 | 1.300229 | .2793201 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.314599 | 206.7000 | .3430240 | .0057027 | .5692043 | .1828778 | 5.212073 |
| #2 | 4.298201 | 207.1225 | .3443634 | .0057711 | .6888214 | .1866089 | 5.241149 |
| #3 | 4.287370 | 205.4489 | .3428346 | .0054255 | .6828756 | .1873957 | 5.224340 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.730508 | 5.986043 | .0651503 | .0361241 | 5.647389 | 7.491349 | .0287765 |
| Stddev | .071086  | .027080  | .0040649 | .0002369 | .023191  | .061057  | .0016613 |
| %RSD   | .8142270 | .4523851 | 6.239264 | .6557023 | .4106452 | .8150274 | 5.773213 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.758837 | 5.963702 | .0605685 | .0359352 | 5.633082 | 7.553350 | .0297945 |
| #2 | 8.783062 | 5.978266 | .0665591 | .0360472 | 5.634940 | 7.489414 | .0296755 |
| #3 | 8.649625 | 6.016160 | .0683235 | .0363898 | 5.674146 | 7.431283 | .0268594 |

Sample Name: L4581-02      Acquired: 11/05/2020 16:39:33      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4512      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.370967 | .0943503 | .2100816 |
| Stddev | .006231  | .0004375 | .0006681 |
| %RSD   | .4545214 | .4637291 | .3180438 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.373016 | .0938451 | .2103713 |
| #2 | 1.375915 | .0946020 | .2105560 |
| #3 | 1.363969 | .0946039 | .2093175 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 918.5924 | 1568.796 | 27705.62 | 11736.81 | 1222.959 |
| Stddev    | 3.0026   | 1.917    | 37.74    | 39.26    | 2.295    |
| %RSD      | .3268736 | .1221886 | .1362289 | .3344778 | .1876210 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 921.1702 | 1569.271 | 27716.87 | 11710.09 | 1221.601 |
| #2 | 915.2955 | 1570.431 | 27736.46 | 11718.46 | 1225.608 |
| #3 | 919.3117 | 1566.686 | 27663.53 | 11781.88 | 1221.668 |

Sample Name: L4581-03      Acquired: 11/05/2020 16:43:43      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4514      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0637700 | .0180016 | .2955069 | .0059045 | .0023147 | 103.1328 | .7870482 |
| Stddev | .0075672 | .0040443 | .0017415 | .0017301 | .0002889 | .3686    | .0009491 |
| %RSD   | 11.86638 | 22.46639 | .5893193 | 29.30180 | 12.47982 | .3574408 | .1205872 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0693073 | .0134162 | .2953852 | .0074241 | .0022225 | 102.8292 | .7872056 |
| #2 | .0668551 | .0210604 | .2973060 | .0040216 | .0020832 | 103.5430 | .7860303 |
| #3 | .0551476 | .0195281 | .2938294 | .0062677 | .0026385 | 103.0262 | .7879087 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0075760 | .0074662 | 71.82766 | .2578317 | .1186972 | .2120180 | 219.3671 |
| Stddev | .0001025 | .0001540 | .20086   | .0014120 | .0003073 | .0018434 | 1.3691   |
| %RSD   | 1.353303 | 2.063027 | .2796436 | .5476587 | .2589111 | .8694563 | .6241063 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0075868 | .0075007 | 71.70621 | .2589053 | .1184394 | .2118035 | 218.0905 |
| #2 | .0074684 | .0072979 | 71.71726 | .2583576 | .1186149 | .2139592 | 220.8129 |
| #3 | .0076726 | .0076001 | 72.05950 | .2562321 | .1190373 | .2102912 | 219.1980 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.396390 | 49.81756 | .2477291 | .0080330 | .3081108 | .3023787 | .8881979 |
| Stddev | .033973  | .39649   | .0006437 | .0001350 | .0857433 | .0006671 | .0015122 |
| %RSD   | .4046162 | .7958779 | .2598417 | 1.679896 | 27.82871 | .2206042 | .1702583 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.384360 | 49.41847 | .2469858 | .0079466 | .3757465 | .3016657 | .8893860 |
| #2 | 8.370069 | 50.21140 | .2480991 | .0081885 | .2116753 | .3029876 | .8864956 |
| #3 | 8.434742 | 49.82282 | .2481023 | .0079639 | .3369106 | .3024828 | .8887120 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.06880 | 5.836668 | .0213939 | .0129726 | 3.734640 | 4.886427 | .0164546 |
| Stddev | .03834   | .003142  | .0059316 | .0004088 | .011794  | .034310  | .0005101 |
| %RSD   | .3807918 | .0538321 | 27.72588 | 3.151378 | .3158117 | .7021481 | 3.100184 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.02948 | 5.839043 | .0197341 | .0125570 | 3.748010 | 4.855579 | .0158656 |
| #2 | 10.07085 | 5.833105 | .0279786 | .0129864 | 3.730198 | 4.880322 | .0167482 |
| #3 | 10.10608 | 5.837857 | .0164689 | .0133743 | 3.725712 | 4.923380 | .0167501 |

Sample Name: L4581-03      Acquired: 11/05/2020 16:43:43      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4514      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.560177 | .1230098 | .0848412 |
| Stddev | .004396  | .0008231 | .0001453 |
| %RSD   | .2817893 | .6691537 | .1712967 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.555316 | .1233222 | .0847232 |
| #2 | 1.563876 | .1236311 | .0847968 |
| #3 | 1.561339 | .1220762 | .0850035 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1045.898 | 1800.070 | 31121.78 | 13150.80 | 1325.089 |
| Stddev    | 2.597    | 5.910    | 80.34    | 100.56   | 1.030    |
| %RSD      | .2483013 | .3283087 | .2581342 | .7646425 | .0776993 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1042.967 | 1800.423 | 31196.09 | 13253.00 | 1325.618 |
| #2 | 1047.911 | 1805.795 | 31036.54 | 13147.44 | 1323.902 |
| #3 | 1046.817 | 1793.992 | 31132.71 | 13051.97 | 1325.747 |

Sample Name: L4581-04      Acquired: 11/05/2020 16:47:44      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4521      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1755908 | .0161073 | .3469777 | .0084889 | .0033777 | 78.15249 | 1.165569 |
| Stddev | .0058251 | .0037466 | .0034295 | .0039126 | .0021809 | .23189   | .003866  |
| %RSD   | 3.317402 | 23.26010 | .9883773 | 46.09038 | 64.56803 | .2967183 | .3316490 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1758461 | .0131822 | .3506514 | .0076205 | .0055187 | 77.92520 | 1.169862 |
| #2 | .1696422 | .0203302 | .3464212 | .0127627 | .0034554 | 78.14356 | 1.162365 |
| #3 | .1812839 | .0148094 | .3438606 | .0050835 | .0011590 | 78.38872 | 1.164480 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062712 | .0081851 | 298.6396 | .3676097 | .1357434 | .3153848 | 234.3011 |
| Stddev | .0001338 | .0002081 | .9279    | .0003832 | .0003037 | .0008742 | 1.1122   |
| %RSD   | 2.134083 | 2.541964 | .3107098 | .1042283 | .2237674 | .2771776 | .4746862 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0063363 | .0083759 | 299.6724 | .3671727 | .1357156 | .3160495 | 233.0571 |
| #2 | .0063601 | .0079633 | 298.3705 | .3677681 | .1354545 | .3143945 | 234.6470 |
| #3 | .0061173 | .0082161 | 297.8761 | .3678882 | .1360601 | .3157103 | 235.1993 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.40107 | 140.5077 | .3251052 | .0086198 | 1.058104 | .2790465 | 2.374861 |
| Stddev | .03429   | .8013    | .0006654 | .0000811 | .077496  | .0022696 | .016389  |
| %RSD   | .3007300 | .5702574 | .2046838 | .9411105 | 7.324086 | .8133537 | .6900986 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.43391 | 139.6362 | .3257868 | .0087062 | 1.103780 | .2770552 | 2.363183 |
| #2 | 11.40382 | 140.6745 | .3250714 | .0086078 | 1.101907 | .2785666 | 2.367804 |
| #3 | 11.36550 | 141.2124 | .3244572 | .0085453 | .968625  | .2815177 | 2.393596 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.55824 | 7.934350 | .0605889 | .0360454 | 6.526664 | 9.362792 | .0183862 |
| Stddev | .02700   | .022468  | .0036982 | .0001779 | .030905  | .027721  | .0019955 |
| %RSD   | .2557134 | .2831788 | 6.103750 | .4934070 | .4735260 | .2960745 | 10.85324 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.58837 | 7.959198 | .0580210 | .0358806 | 6.553656 | 9.339213 | .0185362 |
| #2 | 10.55011 | 7.928386 | .0589180 | .0360217 | 6.533385 | 9.393329 | .0203024 |
| #3 | 10.53623 | 7.915465 | .0648277 | .0362340 | 6.492952 | 9.355832 | .0163199 |

Sample Name: L4581-04      Acquired: 11/05/2020 16:47:44      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4521      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.570360 | .1173813 | .2170842 |
| Stddev | .001589  | .0003094 | .0003358 |
| %RSD   | .1012151 | .2635647 | .1546853 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.568555 | .1171402 | .2174712 |
| #2 | 1.571549 | .1177301 | .2169110 |
| #3 | 1.570977 | .1172735 | .2168703 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 950.4299 | 1635.205 | 28701.94 | 12232.36 | 1251.729 |
| Stddev    | 3.6565   | 6.410    | 48.06    | 35.66    | 1.086    |
| %RSD      | .3847236 | .3920107 | .1674430 | .2915317 | .0867486 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 953.4600 | 1641.008 | 28687.95 | 12272.01 | 1250.475 |
| #2 | 951.4613 | 1636.283 | 28662.42 | 12222.14 | 1252.347 |
| #3 | 946.3685 | 1628.324 | 28755.44 | 12202.92 | 1252.364 |

Sample Name: L4581-05      Acquired: 11/05/2020 16:51:45      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4522      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0507399 | .0151825 | .1966590 | .0081690 | .0026626 | 89.04142 | .6603507 |
| Stddev | .0040451 | .0014254 | .0019917 | .0041717 | .0032913 | .15131   | .0002570 |
| %RSD   | 7.972158 | 9.388374 | 1.012763 | 51.06786 | 123.6135 | .1699293 | .0389123 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0499146 | .0164670 | .1949589 | .0084422 | .0062599 | 89.15400 | .6605666 |
| #2 | .0471711 | .0136490 | .1988504 | .0121974 | .0019254 | 89.10083 | .6604191 |
| #3 | .0551339 | .0154313 | .1961678 | .0038674 | -.000198 | 88.86942 | .6600665 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062837 | .0065813 | 185.5572 | .2007730 | .1014388 | .2190210 | 203.9015 |
| Stddev | .0000307 | .0000994 | .1695    | .0008520 | .0004189 | .0016389 | 1.4493   |
| %RSD   | .4890204 | 1.509923 | .0913237 | .4243418 | .4129650 | .7482716 | .7108052 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0063089 | .0064736 | 185.4518 | .2016717 | .1019003 | .2175164 | 203.9724 |
| #2 | .0062926 | .0066009 | 185.7526 | .1999771 | .1010825 | .2207673 | 205.3141 |
| #3 | .0062495 | .0066694 | 185.4671 | .2006702 | .1013336 | .2187795 | 202.4180 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.681635 | 109.9603 | .2811618 | .0072213 | .5134593 | .3080803 | .7354407 |
| Stddev | .002432  | .7239    | .0007699 | .0004313 | .1518439 | .0013016 | .0113144 |
| %RSD   | .0316544 | .6583320 | .2738324 | 5.972220 | 29.57271 | .4225038 | 1.538453 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.683941 | 109.8935 | .2820452 | .0071735 | .4067634 | .3067911 | .7225320 |
| #2 | 7.679095 | 110.7152 | .2806341 | .0068159 | .6873002 | .3080559 | .7401512 |
| #3 | 7.681868 | 109.2720 | .2808060 | .0076745 | .4463144 | .3093940 | .7436389 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.106189 | 5.367705 | .0226257 | .0112140 | 4.364134 | 7.075580 | .0140653 |
| Stddev | .025887  | .027269  | .0015105 | .0009965 | .008416  | .025554  | .0006902 |
| %RSD   | .3642822 | .5080150 | 6.676043 | 8.886088 | .1928487 | .3611554 | 4.907348 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.077953 | 5.336278 | .0242023 | .0100724 | 4.370678 | 7.080330 | .0147671 |
| #2 | 7.128800 | 5.381731 | .0224834 | .0116598 | 4.367084 | 7.098426 | .0140416 |
| #3 | 7.111815 | 5.385106 | .0211914 | .0119097 | 4.354640 | 7.047985 | .0133872 |

Sample Name: L4581-05      Acquired: 11/05/2020 16:51:45      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4522      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.671136 | .1152427 | .1074161 |
| Stddev | .003111  | .0001261 | .0001629 |
| %RSD   | .1861321 | .1093957 | .1516655 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.668801 | .1153778 | .1074456 |
| #2 | 1.674667 | .1152222 | .1075621 |
| #3 | 1.669940 | .1151282 | .1072404 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1004.985 | 1720.226 | 30039.07 | 12845.81 | 1272.301 |
| Stddev    | 3.507    | .956     | 28.14    | 77.22    | .627     |
| %RSD      | .3489919 | .0556016 | .0936936 | .6011437 | .0492576 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1006.945 | 1719.849 | 30068.76 | 12817.67 | 1272.099 |
| #2 | 1000.936 | 1719.515 | 30012.79 | 12786.60 | 1271.800 |
| #3 | 1007.075 | 1721.313 | 30035.65 | 12933.15 | 1273.004 |

Sample Name: L4581-06      Acquired: 11/05/2020 16:55:46      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4530      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0303243 | .0039569 | .2291043 | .0068963 | .0024007 | 24.91993 | .1511387 |
| Stddev | .0052773 | .0008768 | .0022128 | .0025471 | .0016411 | .03702   | .0006103 |
| %RSD   | 17.40279 | 22.15868 | .9658628 | 36.93362 | 68.35640 | .1485579 | .4037735 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0359277 | .0033313 | .2266648 | .0047864 | .0006313 | 24.89119 | .1514928 |
| #2 | .0295966 | .0035802 | .2296660 | .0061768 | .0038727 | 24.90690 | .1514893 |
| #3 | .0254487 | .0049590 | .2309822 | .0097258 | .0026982 | 24.96171 | .1504341 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020380 | .0019452 | 590.7968 | .0943356 | .0347249 | .0999163 | 83.11835 |
| Stddev | .0000803 | .0000365 | 5.2204   | .0002932 | .0001859 | .0028697 | .25264   |
| %RSD   | 3.938924 | 1.875190 | .8836226 | .3108127 | .5353689 | 2.872092 | .3039466 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019492 | .0019196 | 595.2591 | .0944680 | .0348554 | .1030536 | 83.24421 |
| #2 | .0021056 | .0019290 | 585.0559 | .0939996 | .0345120 | .0992711 | 82.82751 |
| #3 | .0020590 | .0019869 | 592.0753 | .0945393 | .0348072 | .0974241 | 83.28333 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.697661 | 256.0445 | .0831434 | .0030460 | 1.231381 | .1292922 | .5446785 |
| Stddev | .006047  | .7704    | .0008161 | .0001333 | .104963  | .0022438 | .0046638 |
| %RSD   | .2241664 | .3008711 | .9815147 | 4.375500 | 8.523995 | 1.735431 | .8562510 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.693475 | 256.0420 | .0839225 | .0030764 | 1.120721 | .1310702 | .5397382 |
| #2 | 2.704594 | 255.2754 | .0832128 | .0031615 | 1.329524 | .1267712 | .5452923 |
| #3 | 2.694914 | 256.8161 | .0822948 | .0029002 | 1.243898 | .1300354 | .5490050 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.216115 | 2.167058 | .0281052 | .0095718 | 19.85756 | 2.847213 | .0074080 |
| Stddev | .024222  | .003229  | .0010516 | .0007805 | .05829   | .001303  | .0013202 |
| %RSD   | .7531452 | .1490216 | 3.741580 | 8.153689 | .2935225 | .0457764 | 17.82053 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.188934 | 2.166128 | .0280576 | .0086707 | 19.92145 | 2.847082 | .0081904 |
| #2 | 3.235414 | 2.164396 | .0270783 | .0100280 | 19.84391 | 2.845980 | .0081498 |
| #3 | 3.223998 | 2.170651 | .0291798 | .0100169 | 19.80730 | 2.848577 | .0058838 |

Sample Name: L4581-06      Acquired: 11/05/2020 16:55:46      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4530      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.199116 | .0646457 | .2676876 |
| Stddev | .004324  | .0007612 | .0003517 |
| %RSD   | .3605810 | 1.177431 | .1313708 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.200485 | .0651532 | .2677660 |
| #2 | 1.194273 | .0650134 | .2679935 |
| #3 | 1.202589 | .0637705 | .2673034 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 879.0478 | 1502.632 | 26725.70 | 11437.81 | 1190.265 |
| Stddev    | 3.1196   | 3.646    | 41.61    | 21.77    | 2.052    |
| %RSD      | .3548867 | .2426692 | .1556854 | .1903077 | .1723989 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 875.9433 | 1498.478 | 26678.11 | 11419.14 | 1187.991 |
| #2 | 879.0178 | 1504.117 | 26743.75 | 11432.56 | 1191.979 |
| #3 | 882.1823 | 1505.302 | 26755.23 | 11461.72 | 1190.824 |

Sample Name: L4581-11      Acquired: 11/05/2020 16:59:56      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4533S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1083110 | .0908232 | .1169893 | .1028655 | .1989349 | 28.21069 |
| Stddev | .0070646 | .0043373 | .0014819 | .0032968 | .0015965 | .02452   |
| %RSD   | 6.522464 | 4.775554 | 1.266732 | 3.204917 | .8025168 | .0869219 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1142538 | .0873811 | .1180061 | .1048588 | .1970920 | 28.18766 |
| #2 | .1101792 | .0956948 | .1176728 | .0990602 | .1998978 | 28.23647 |
| #3 | .1005002 | .0893936 | .1152889 | .1046774 | .1998148 | 28.20795 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 4.127390 | .0937571 | .1049136 | F 841.2962 | .4728969 | 1.091161 |
| Stddev | .003367  | .0002904 | .0000997 | 6.2428     | .0025365 | .001451  |
| %RSD   | .0815714 | .3097794 | .0950205 | .7420446   | .5363784 | .1329898 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.130925 | .0940864 | .1048667 | 834.7367 | .4707635 | 1.089664 |
| #2 | 4.124221 | .0935374 | .1050281 | 841.9869 | .4722258 | 1.092562 |
| #3 | 4.127026 | .0936476 | .1048460 | 847.1649 | .4757015 | 1.091256 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4956661 | 90.52423 | 5.232434 | 363.5684 | 1.149014 | .1028122 |
| Stddev | .0019252 | .34306   | .003294  | 1.8074   | .000915  | .0005086 |
| %RSD   | .3884031 | .3789712 | .0629456 | .4971394 | .0796304 | .4946597 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4977216 | 90.13112 | 5.229834 | 361.4829 | 1.148040 | .1022465 |
| #2 | .4953714 | 90.76307 | 5.236137 | 364.6821 | 1.149145 | .1032316 |
| #3 | .4939052 | 90.67850 | 5.231330 | 364.5401 | 1.149856 | .1029586 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.344558 | 1.102524 | 2.006670 | 2.782126 | 2.870397 | .0189964 |
| Stddev | .129684  | .003308  | .012340  | .046686  | .008340  | .0006630 |
| %RSD   | 9.645108 | .3000645 | .6149355 | 1.678064 | .2905524 | 3.489858 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.226716 | 1.099026 | 2.004215 | 2.770212 | 2.879650 | .0182552 |
| #2 | 1.483497 | 1.105602 | 2.020053 | 2.833614 | 2.868084 | .0195329 |
| #3 | 1.323463 | 1.102946 | 1.995742 | 2.742551 | 2.863458 | .0192009 |

Sample Name: L4581-11      Acquired: 11/05/2020 16:59:56      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4533S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0088404 | 14.67482 | 2.678673 | .0044689 | 1.071567 | .0758272 |
| Stddev | .0004834 | .04208   | .011799  | .0028180 | .001788  | .0009819 |
| %RSD   | 5.467789 | .2867188 | .4404713 | 63.05780 | .1668912 | 1.294924 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0093931 | 14.72104 | 2.667357 | .0058472 | 1.069652 | .0747169 |
| #2 | .0084966 | 14.63873 | 2.677760 | .0063323 | 1.071857 | .0761837 |
| #3 | .0086315 | 14.66470 | 2.690901 | .0012270 | 1.073193 | .0765811 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3103146 |
| Stddev | .0002434 |
| %RSD   | .0784354 |

|    |          |
|----|----------|
| #1 | .3101232 |
| #2 | .3102320 |
| #3 | .3105885 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 871.0499 | 1486.841 | 26511.74 | 11291.25 | 1145.245 |
| Stddev    | .7636    | 1.412    | 49.49    | 21.86    | .065     |
| %RSD      | .0876607 | .0949876 | .1866785 | .1936115 | .0056702 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 871.3256 | 1487.747 | 26530.75 | 11316.45 | 1145.280 |
| #2 | 870.1867 | 1485.214 | 26548.90 | 11279.84 | 1145.170 |
| #3 | 871.6373 | 1487.563 | 26455.56 | 11277.45 | 1145.285 |

Sample Name: L4582-08      Acquired: 11/05/2020 17:04:00      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4508S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1175180 | .0924562 | .2179156 | .0943955 | .1921414 | 92.62757 | 4.444499 |
| Stddev | .0040025 | .0059652 | .0011394 | .0020594 | .0013874 | .13185   | .012529  |
| %RSD   | 3.405877 | 6.451900 | .5228481 | 2.181620 | .7220587 | .1423441 | .2818900 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1201273 | .0989135 | .2187378 | .0938334 | .1907186 | 92.54420 | 4.435390 |
| #2 | .1195170 | .0871514 | .2166150 | .0966775 | .1922152 | 92.77958 | 4.439321 |
| #3 | .1129098 | .0913037 | .2183939 | .0926755 | .1934904 | 92.55892 | 4.458787 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0945545 | .1057782 | 284.6147 | .5543485 | 1.147302 | .5953787 | 183.4768 |
| Stddev | .0003063 | .0001915 | .9341    | .0025882 | .001962  | .0026895 | .6398    |
| %RSD   | .3239034 | .1810819 | .3282037 | .4668985 | .1709679 | .4517264 | .3486846 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0948976 | .1055740 | 283.9356 | .5564491 | 1.145053 | .5939760 | 183.5210 |
| #2 | .0944575 | .1059539 | 284.2284 | .5551393 | 1.148656 | .5936806 | 184.0934 |
| #3 | .0943085 | .1058067 | 285.6800 | .5514571 | 1.148199 | .5984796 | 182.8162 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.785601 | 143.3602 | 1.329224 | .1004073 | .4874131 | 1.116296 | 2.214747 |
| Stddev | .017682  | .5841    | .000590  | .0003861 | .1705205 | .002273  | .030131  |
| %RSD   | .3694849 | .4074547 | .0444129 | .3845691 | 34.98480 | .2036179 | 1.360449 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.771785 | 143.3895 | 1.328803 | .1002893 | .6410419 | 1.117391 | 2.180186 |
| #2 | 4.779490 | 143.9291 | 1.329899 | .1008386 | .3039409 | 1.113682 | 2.228557 |
| #3 | 4.805528 | 142.7619 | 1.328971 | .1000938 | .5172565 | 1.117813 | 2.235496 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.01893 | 5.504611 | .0353349 | .0074960 | 3.881922 | 5.701039 | .0130861 |
| Stddev | .06974   | .022308  | .0037713 | .0002892 | .010309  | .010622  | .0006725 |
| %RSD   | .4974430 | .4052556 | 10.67308 | 3.858135 | .2655569 | .1863141 | 5.139172 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.98470 | 5.497965 | .0357900 | .0077427 | 3.871400 | 5.710382 | .0129604 |
| #2 | 13.97292 | 5.486382 | .0388580 | .0075676 | 3.892004 | 5.689486 | .0138125 |
| #3 | 14.09917 | 5.529487 | .0313567 | .0071777 | 3.882361 | 5.703249 | .0124852 |

Sample Name: L4582-08      Acquired: 11/05/2020 17:04:00      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4508S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8835496 | .1667541 | .1874051 |
| Stddev | .0008048 | .0000549 | .0002906 |
| %RSD   | .0910850 | .0329025 | .1550466 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8836612 | .1667286 | .1870860 |
| #2 | .8826948 | .1667165 | .1874749 |
| #3 | .8842927 | .1668170 | .1876544 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 956.4758 | 1645.851 | 28899.65 | 12338.99 | 1246.021 |
| Stddev    | 5.6875   | .227     | 105.35   | 41.86    | 2.737    |
| %RSD      | .5946345 | .0137860 | .3645503 | .3392334 | .2196918 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 962.9990 | 1645.710 | 28820.65 | 12294.70 | 1248.890 |
| #2 | 953.8730 | 1646.113 | 28859.04 | 12344.36 | 1245.737 |
| #3 | 952.5554 | 1645.730 | 29019.27 | 12377.90 | 1243.437 |

Sample Name: CCV045      Acquired: 11/05/2020 17:07:54      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV045      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.219538 | 5.016865 | 25.01193 | 5.107520 | 5.239218 | 401.4215 | 10.23361 |
| Stddev | .015002  | .009327  | .00777   | .010460  | .007911  | 2.9861   | .01735   |
| %RSD   | .2874191 | .1859071 | .0310693 | .2047970 | .1509959 | .7438860 | .1695319 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.202349 | 5.006121 | 25.01319 | 5.119596 | 5.245768 | 398.2323 | 10.21389 |
| #2 | 5.226269 | 5.021592 | 25.01899 | 5.101317 | 5.230429 | 401.8807 | 10.24654 |
| #3 | 5.229995 | 5.022882 | 25.00360 | 5.101646 | 5.241458 | 404.1514 | 10.24040 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4893062 | 2.528377 | 396.2234 | 15.51516 | 2.548540 | 15.25527 | 404.5910 |
| Stddev | .0021593 | .004512  | 1.6907   | .01819   | .002263  | .01738   | .5880    |
| %RSD   | .4412932 | .1784465 | .4267028 | .1172710 | .0888014 | .1139249 | .1453374 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4869421 | 2.523755 | 394.8664 | 15.51892 | 2.550431 | 15.27114 | 405.1377 |
| #2 | .4911743 | 2.528606 | 395.6864 | 15.49538 | 2.546032 | 15.23670 | 404.6663 |
| #3 | .4898021 | 2.532770 | 398.1174 | 15.53119 | 2.549156 | 15.25799 | 403.9689 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.78390 | 396.5323 | 2.554817 | 1.310142 | 398.9048 | 2.510695 | 15.35343 |
| Stddev | .05831   | .5221    | .003416  | .001997  | .6771    | .002583  | .05511   |
| %RSD   | .3944127 | .1316694 | .1336913 | .1524474 | .1697461 | .1028802 | .3589729 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.72641 | 396.5044 | 2.550874 | 1.311928 | 399.3024 | 2.512117 | 15.39951 |
| #2 | 14.78230 | 397.0678 | 2.556751 | 1.310514 | 399.2889 | 2.507714 | 15.29238 |
| #3 | 14.84299 | 396.0247 | 2.556828 | 1.307985 | 398.1229 | 2.512256 | 15.36840 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 156.2269 | 5.242418 | 4.877410 | 5.102676 | 4.982791 | 4.879729 | 5.175558 |
| Stddev | .0712    | .012880  | .013011  | .007568  | .022655  | .021079  | .013820  |
| %RSD   | .0455838 | .2456844 | .2667531 | .1483083 | .4546732 | .4319775 | .2670148 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 156.3055 | 5.227938 | 4.868200 | 5.109142 | 4.959242 | 4.864504 | 5.160716 |
| #2 | 156.1668 | 5.252598 | 4.892294 | 5.094353 | 4.984698 | 4.903788 | 5.177905 |
| #3 | 156.2083 | 5.246717 | 4.871735 | 5.104533 | 5.004432 | 4.870896 | 5.188054 |

Sample Name: CCV045      Acquired: 11/05/2020 17:07:54      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV045      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.003269 | 5.156213 | 5.070065 |
| Stddev | .001602  | .007161  | .042625  |
| %RSD   | .0320245 | .1388838 | .8407138 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.001592 | 5.162396 | 5.033061 |
| #2 | 5.003432 | 5.148366 | 5.116672 |
| #3 | 5.004784 | 5.157877 | 5.060463 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 760.4016 | 1324.721 | 24725.82 | 10623.79 | 1106.777 |
| Stddev    | 2.9859   | 1.313    | 20.23    | 24.66    | .212     |
| %RSD      | .3926677 | .0991396 | .0818252 | .2321154 | .0191854 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 757.7800 | 1324.157 | 24714.89 | 10651.94 | 1106.532 |
| #2 | 763.6516 | 1326.222 | 24749.17 | 10606.02 | 1106.907 |
| #3 | 759.7730 | 1323.785 | 24713.41 | 10613.41 | 1106.892 |

Sample Name: CCB045      Acquired: 11/05/2020 17:12:09      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB045      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026836 | .0024444 | .0002602 | .0005806 | -.002177 | .0083180 | -.000259 |
| Stddev | .0034401 | .0012045 | .0013991 | .0029024 | .000262  | .0050932 | .000593  |
| %RSD   | 128.1899 | 49.27437 | 537.7686 | 499.8677 | 12.05799 | 61.23149 | 229.2618 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0063156 | .0036535 | .0014630 | .0015469 | -.002469 | .0038706 | .000413  |
| #2 | -.000525 | .0024351 | .0005928 | .0028767 | -.002099 | .0138743 | -.000710 |
| #3 | .002261  | .0012446 | -.001275 | -.002682 | -.001962 | .0072091 | -.000480 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000905 | -.000052 | .0070810 | .0001977 | .0000447 | .0022286 | .0055339 |
| Stddev | .0000658 | .000101  | .0049153 | .0005513 | .0002569 | .0019943 | .0055681 |
| %RSD   | 72.70076 | 194.9563 | 69.41637 | 278.8700 | 574.7369 | 89.48734 | 100.6178 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000211 | .000043  | .0058400 | -.000428 | .0001020 | .0043030 | .0072371 |
| #2 | .0001520 | -.000157 | .0029050 | .000611  | -.000236 | .0003254 | -.000687 |
| #3 | .0000983 | -.000040 | .0124979 | .000410  | .000268  | .0020573 | .010051  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005490 | -.001196 | .0001801 | .0001219 | .0267982 | .0009365 | -.036314 |
| Stddev | .0002848 | .017068  | .0005879 | .0004844 | .0581524 | .0015663 | .000402  |
| %RSD   | 51.88279 | 1426.532 | 326.3780 | 397.2959 | 217.0008 | 167.2467 | 1.106555 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004578 | .013624  | .0006236 | .0003209 | .0791387 | .0027173 | -.036776 |
| #2 | .0008682 | .002645  | -.000487 | -.000430 | .0370568 | -.000227 | -.036118 |
| #3 | .0003209 | -.019858 | .000404  | .000475  | -.035801 | .000320  | -.036048 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.058814 | .0015338 | .0097481 | .0004445 | -.008956 | .0078019 | .0013997 |
| Stddev | .048346  | .0009238 | .0002651 | .0003942 | .004058  | .0001736 | .0014494 |
| %RSD   | 82.20116 | 60.22946 | 2.719916 | 88.68360 | 45.30876 | 2.225396 | 103.5482 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.010945 | .0025532 | .0095653 | .0004848 | -.012979 | .0077068 | .0025132 |
| #2 | -.057875 | .0012963 | .0100522 | .0008170 | -.009026 | .0080023 | .0019249 |
| #3 | -.107622 | .0007520 | .0096268 | .0000317 | -.004864 | .0076967 | -.000239 |

Sample Name: CCB045      Acquired: 11/05/2020 17:12:09      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB045      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0005998 | .0022998 | .0000899 |
| Stddev | .0002408 | .0000233 | .0000127 |
| %RSD   | 40.14779 | 1.013669 | 14.08722 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0007908 | .0023097 | .0001038 |
| #2 | .0006793 | .0023165 | .0000870 |
| #3 | .0003293 | .0022732 | .0000789 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 904.5526 | 1564.471 | 26565.00 | 11144.42 | 1377.539 |
| Stddev    | 4.0850   | 1.041    | 91.98    | 49.39    | .598     |
| %RSD      | .4516048 | .0665087 | .3462305 | .4431976 | .0434354 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 899.9104 | 1563.961 | 26461.67 | 11126.15 | 1377.105 |
| #2 | 907.5978 | 1563.785 | 26595.43 | 11106.78 | 1378.222 |
| #3 | 906.1498 | 1565.669 | 26637.91 | 11200.35 | 1377.292 |

Sample Name: L4581-07      Acquired: 11/05/2020 17:16:18      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4531      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0514255 | .0125009 | .1852809 | .0079316 | .0040260 | 22.49156 |
| Stddev | .0076910 | .0053975 | .0018099 | .0030853 | .0025169 | .05650   |
| %RSD   | 14.95573 | 43.17676 | .9768350 | 38.89854 | 62.51481 | .2512045 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0505406 | .0185068 | .1849169 | .0051528 | .0033547 | 22.55382 |
| #2 | .0442151 | .0109402 | .1836806 | .0073901 | .0019129 | 22.44355 |
| #3 | .0595207 | .0080558 | .1872451 | .0112517 | .0068105 | 22.47733 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1130719 | .0023186 | .0029959 | F 1035.542 | .0747652 | .0386539 |
| Stddev | .0006075 | .0000990 | .0001270 | 8.611      | .0003145 | .0003218 |
| %RSD   | .5372490 | 4.269260 | 4.239838 | .8315568   | .4207237 | .8324180 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1129929 | .0024318 | .0031186 | 1042.776 | .0744035 | .0382861 |
| #2 | .1137150 | .0022755 | .0030043 | 1037.832 | .0749752 | .0388829 |
| #3 | .1125077 | .0022484 | .0028649 | 1026.017 | .0749169 | .0387929 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1990254 | 121.0710 | 3.819468 | 546.6854 | .0935935 | .0037184 |
| Stddev | .0010756 | .5021    | .025359  | 2.4393   | .0009597 | .0005896 |
| %RSD   | .5404523 | .4147196 | .6639387 | .4461915 | 1.025395 | 15.85588 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1984676 | 121.6422 | 3.831082 | 549.4605 | .0925861 | .0042961 |
| #2 | .1983432 | 120.6992 | 3.836940 | 544.8806 | .0936974 | .0031176 |
| #3 | .2002654 | 120.8716 | 3.790382 | 545.7150 | .0944971 | .0037416 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.584405 | .1215769 | .7033592 | 2.543450 | 2.879081 | .0251887 |
| Stddev | .030327  | .0043264 | .0078820 | .041497  | .004136  | .0027719 |
| %RSD   | 1.914094 | 3.558594 | 1.120617 | 1.631529 | .1436629 | 11.00454 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.549519 | .1258034 | .6951921 | 2.507381 | 2.875000 | .0236019 |
| #2 | 1.599219 | .1217701 | .7039643 | 2.588802 | 2.878973 | .0235749 |
| #3 | 1.604479 | .1171570 | .7109211 | 2.534166 | 2.883271 | .0283894 |

Sample Name: L4581-07      Acquired: 11/05/2020 17:16:18      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4531      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0156277 | 39.47426 | 4.290149 | .0064935 | 1.077955 | .0737366 |
| Stddev | .0002346 | .08297   | .047415  | .0016652 | .002771  | .0006415 |
| %RSD   | 1.500930 | .2101806 | 1.105200 | 25.64425 | .2570863 | .8700220 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0155745 | 39.38788 | 4.343864 | .0084020 | 1.081010 | .0744650 |
| #2 | .0154243 | 39.48158 | 4.272470 | .0057421 | 1.077252 | .0732557 |
| #3 | .0158843 | 39.55333 | 4.254114 | .0053364 | 1.075603 | .0734890 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3284580 |
| Stddev | .0010849 |
| %RSD   | .3302981 |

|    |          |
|----|----------|
| #1 | .3293777 |
| #2 | .3287348 |
| #3 | .3272616 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 858.0649 | 1465.460 | 26232.87 | 11194.87 | 1120.998 |
| Stddev    | 2.3216   | 3.245    | 97.17    | 87.20    | 2.254    |
| %RSD      | .2705648 | .2214356 | .3704074 | .7789339 | .2010335 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 859.9717 | 1469.002 | 26299.31 | 11096.74 | 1123.599 |
| #2 | 858.7432 | 1462.629 | 26277.95 | 11224.43 | 1119.785 |
| #3 | 855.4796 | 1464.750 | 26121.35 | 11263.46 | 1119.612 |

Sample Name: L4581-08      Acquired: 11/05/2020 17:20:27      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4532      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0379907 | .0015235 | .1932077 | .0026197 | .0030647 | 37.35384 |
| Stddev | .0079149 | .0063270 | .0005972 | .0052952 | .0036314 | .05352   |
| %RSD   | 20.83379 | 415.2875 | .3090961 | 202.1295 | 118.4903 | .1432775 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0463167 | .0063631 | .1925708 | .0013344 | .0072518 | 37.35206 |
| #2 | .0305636 | -.005636 | .1932972 | -.001914 | .0011662 | 37.30123 |
| #3 | .0370918 | .003844  | .1937551 | .008439  | .0007761 | 37.40823 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1620367 | .0028517 | .0028290 | F 1046.312 | .1157640 | .0506214 |
| Stddev | .0010396 | .0000675 | .0000493 | 5.030      | .0005162 | .0007952 |
| %RSD   | .6415678 | 2.366098 | 1.741554 | .4807633   | .4459427 | 1.570960 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1614252 | .0028483 | .0028859 | 1040.674 | .1160421 | .0504752 |
| #2 | .1632370 | .0027860 | .0027991 | 1050.342 | .1160816 | .0514796 |
| #3 | .1614477 | .0029208 | .0028020 | 1047.920 | .1151684 | .0499094 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1198133 | 97.81492 | 4.114366 | 485.8027 | .1144758 | .0034647 |
| Stddev | .0012768 | .10417   | .011820  | 1.4596   | .0012755 | .0004585 |
| %RSD   | 1.065652 | .1065007 | .2872968 | .3004436 | 1.114218 | 13.23379 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1202711 | 97.86774 | 4.101256 | 486.0188 | .1135854 | .0039183 |
| #2 | .1207981 | 97.69492 | 4.124210 | 484.2472 | .1159370 | .0030015 |
| #3 | .1183707 | 97.88211 | 4.117632 | 487.1422 | .1139050 | .0034743 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.687858 | .1451980 | .7894773 | 5.372404 | 2.660665 | .0296831 |
| Stddev | .077788  | .0018192 | .0077324 | .048590  | .006106  | .0032355 |
| %RSD   | 4.608654 | 1.252896 | .9794295 | .9044374 | .2294915 | 10.90033 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.776781 | .1464333 | .7810584 | 5.323459 | 2.666282 | .0290154 |
| #2 | 1.632419 | .1460517 | .7911117 | 5.420632 | 2.661546 | .0268334 |
| #3 | 1.654375 | .1431090 | .7962618 | 5.373121 | 2.654166 | .0332004 |

Sample Name: L4581-08      Acquired: 11/05/2020 17:20:27      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4532      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0082175 | 19.37075 | 3.037725 | .0092342 | 1.616316 | .1155063 |
| Stddev | .0000646 | .04873   | .015993  | .0030270 | .002668  | .0006082 |
| %RSD   | .7866244 | .2515611 | .5264771 | 32.78069 | .1650398 | .5265535 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0081619 | 19.42556 | 3.034766 | .0064274 | 1.613585 | .1162080 |
| #2 | .0082884 | 19.33232 | 3.054991 | .0088335 | 1.616447 | .1151803 |
| #3 | .0082022 | 19.35437 | 3.023418 | .0124415 | 1.618915 | .1151307 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3359077 |
| Stddev | .0002971 |
| %RSD   | .0884451 |

|    |          |
|----|----------|
| #1 | .3360319 |
| #2 | .3355687 |
| #3 | .3361226 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 868.9968 | 1476.469 | 26482.03 | 11341.01 | 1118.478 |
| Stddev    | 7.0971   | 4.890    | 30.65    | 11.48    | 1.811    |
| %RSD      | .8166949 | .3311720 | .1157387 | .1011900 | .1619448 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 875.8195 | 1473.078 | 26491.52 | 11328.21 | 1117.160 |
| #2 | 869.5168 | 1474.255 | 26506.80 | 11350.39 | 1120.543 |
| #3 | 861.6540 | 1482.074 | 26447.75 | 11344.42 | 1117.730 |

Sample Name: L4581-18      Acquired: 11/05/2020 17:24:37      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4527      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0706894 | .0133241 | .0733453 | .0017318 | .0021906 | 24.37234 |
| Stddev | .0031134 | .0022925 | .0012421 | .0034203 | .0030242 | .06705   |
| %RSD   | 4.404354 | 17.20530 | 1.693486 | 197.5013 | 138.0513 | .2750923 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0706423 | .0152395 | .0719477 | .0047063 | -.000124 | 24.44740 |
| #2 | .0738261 | .0139488 | .0737649 | .0024944 | .005612  | 24.31837 |
| #3 | .0675998 | .0107841 | .0743232 | -.002005 | .001083  | 24.35126 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1181482 | .0026284 | .0029572 | F 1041.527 | .0664765 | .0440460 |
| Stddev | .0011234 | .0001269 | .0001456 | 6.527      | .0009590 | .0003636 |
| %RSD   | .9508100 | 4.829396 | 4.925381 | .6266457   | 1.442608 | .8256070 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1193301 | .0025467 | .0031253 | 1046.508 | .0655488 | .0436262 |
| #2 | .1180201 | .0025638 | .0028700 | 1034.139 | .0664166 | .0442466 |
| #3 | .1170944 | .0027746 | .0028762 | 1043.936 | .0674639 | .0442651 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1027595 | 120.2003 | 5.639917 | 511.5224 | .1001818 | .0037547 |
| Stddev | .0027050 | .7125    | .008260  | 3.5860   | .0003239 | .0001946 |
| %RSD   | 2.632321 | .5927322 | .1464482 | .7010422 | .3233625 | 5.183556 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1027984 | 120.8779 | 5.639225 | 514.6865 | .1001471 | .0039721 |
| #2 | .1054447 | 119.4575 | 5.648501 | 507.6272 | .0998765 | .0035968 |
| #3 | .1000352 | 120.2656 | 5.632026 | 512.2535 | .1005217 | .0036951 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.629050 | .1783915 | .4169523 | 2.796044 | 3.355938 | .0204519 |
| Stddev | .039599  | .0011359 | .0004533 | .047101  | .006143  | .0017935 |
| %RSD   | 2.430792 | .6367510 | .1087153 | 1.684565 | .1830601 | 8.769265 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.654143 | .1794360 | .4171898 | 2.748811 | 3.357941 | .0216239 |
| #2 | 1.583400 | .1771822 | .4172375 | 2.796308 | 3.349043 | .0183873 |
| #3 | 1.649607 | .1785563 | .4164296 | 2.843013 | 3.360830 | .0213446 |

Sample Name: L4581-18      Acquired: 11/05/2020 17:24:37      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4527      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0180642 | 20.93008 | 2.043497 | .0064301 | 1.610299 | .0893799 |
| Stddev | .0004483 | .05753   | .017628  | .0020681 | .005723  | .0005679 |
| %RSD   | 2.481994 | .2748825 | .8626433 | 32.16342 | .3553829 | .6353515 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0185457 | 20.92426 | 2.060129 | .0085753 | 1.616490 | .0887246 |
| #2 | .0179882 | 20.87569 | 2.025018 | .0062664 | 1.605202 | .0896859 |
| #3 | .0176587 | 20.99031 | 2.045343 | .0044487 | 1.609206 | .0897292 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3346140 |
| Stddev | .0005733 |
| %RSD   | .1713311 |

|    |          |
|----|----------|
| #1 | .3349699 |
| #2 | .3349194 |
| #3 | .3339527 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 888.3458 | 1501.671 | 26928.59 | 11400.03 | 1113.015 |
| Stddev    | 3.7956   | 2.840    | 27.11    | 42.27    | 1.066    |
| %RSD      | .4272656 | .1891404 | .1006621 | .3707862 | .0957556 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 892.6551 | 1504.194 | 26952.39 | 11351.33 | 1112.394 |
| #2 | 886.8833 | 1502.224 | 26899.08 | 11427.23 | 1114.246 |
| #3 | 885.4990 | 1498.595 | 26934.31 | 11421.52 | 1112.406 |

Sample Name: L4581-19      Acquired: 11/05/2020 17:28:46      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4528      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0339932 | .0027785 | .0592612 | -.000058 | .0078550 | 16.26222 | .1761851 |
| Stddev | .0043559 | .0028384 | .0009089 | .000515  | .0047301 | .05607   | .0010031 |
| %RSD   | 12.81412 | 102.1531 | 1.533672 | 891.7087 | 60.21761 | .3447915 | .5693252 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0384391 | .0060551 | .0597313 | .000515  | .0086922 | 16.22716 | .1756483 |
| #2 | .0338073 | .0012091 | .0598388 | -.000484 | .0027622 | 16.32689 | .1773423 |
| #3 | .0297331 | .0010715 | .0582136 | -.000204 | .0121107 | 16.23261 | .1755646 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016768 | .0029205 | 778.1896 | .0637460 | .0276064 | .0710784 | 70.07847 |
| Stddev | .0000726 | .0000954 | 3.2333   | .0006206 | .0002564 | .0016275 | .14027   |
| %RSD   | 4.327405 | 3.266234 | .4154910 | .9735309 | .9286831 | 2.289721 | .2001684 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017599 | .0030010 | 781.8149 | .0631386 | .0275058 | .0727592 | 70.03040 |
| #2 | .0016258 | .0028151 | 775.6040 | .0643790 | .0274157 | .0709660 | 70.23645 |
| #3 | .0016448 | .0029454 | 777.1501 | .0637206 | .0278979 | .0695100 | 69.96854 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.243893 | 288.0095 | .0635091 | .0025662 | 1.302874 | .1360796 | .5135620 |
| Stddev | .005696  | .5235    | .0009183 | .0003764 | .162751  | .0021865 | .0045911 |
| %RSD   | .1755959 | .1817513 | 1.445929 | 14.66587 | 12.49167 | 1.606776 | .8939793 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.237500 | 287.8389 | .0642507 | .0021632 | 1.156662 | .1336957 | .5126355 |
| #2 | 3.245750 | 288.5970 | .0637946 | .0026267 | 1.478226 | .1379916 | .5095048 |
| #3 | 3.248428 | 287.5927 | .0624820 | .0029086 | 1.273732 | .1365515 | .5185458 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.529690 | 2.103014 | .0125324 | .0053859 | 13.05407 | 1.905596 | .0113316 |
| Stddev | .062561  | .008720  | .0003622 | .0007353 | .04087   | .004313  | .0022064 |
| %RSD   | 4.089802 | .4146359 | 2.889764 | 13.65161 | .3131061 | .2263313 | 19.47091 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.471059 | 2.098535 | .0128193 | .0062329 | 13.06373 | 1.910543 | .0137404 |
| #2 | 1.522458 | 2.113063 | .0121254 | .0049124 | 13.08925 | 1.903623 | .0094086 |
| #3 | 1.595553 | 2.097443 | .0126525 | .0050123 | 13.00924 | 1.902623 | .0108459 |

Sample Name: L4581-19      Acquired: 11/05/2020 17:28:46      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4528      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.387770 | .0538249 | .3359562 |
| Stddev | .002918  | .0014603 | .0009659 |
| %RSD   | .2102699 | 2.712959 | .2875052 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.384759 | .0528531 | .3352591 |
| #2 | 1.390585 | .0555041 | .3370588 |
| #3 | 1.387967 | .0531175 | .3355508 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 871.7287 | 1472.235 | 26229.70 | 11143.12 | 1158.508 |
| Stddev    | 3.0121   | 5.478    | 51.84    | 20.24    | 1.086    |
| %RSD      | .3455321 | .3721083 | .1976569 | .1816327 | .0937772 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 873.6835 | 1477.156 | 26227.77 | 11137.33 | 1157.685 |
| #2 | 868.2600 | 1473.217 | 26178.85 | 11165.62 | 1158.101 |
| #3 | 873.2426 | 1466.333 | 26282.49 | 11126.40 | 1159.740 |

Sample Name: L4581-20      Acquired: 11/05/2020 17:32:56      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4529      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0428757 | .0034479 | .0662327 | .0063843 | .0020688 | 15.36015 |
| Stddev | .0056218 | .0032805 | .0052132 | .0058635 | .0032413 | .02388   |
| %RSD   | 13.11175 | 95.14722 | 7.870989 | 91.84227 | 156.6730 | .1554432 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0364168 | .0061236 | .0622997 | .0071345 | -.001006 | 15.38690 |
| #2 | .0455428 | -.000212 | .0642526 | .0001818 | .001758  | 15.35258 |
| #3 | .0466674 | .004432  | .0721458 | .0118366 | .005454  | 15.34098 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0634413 | .0014860 | .0015591 | F 923.9413 | .0417203 | .0257927 |
| Stddev | .0001038 | .0000875 | .0002144 | 4.9112     | .0002146 | .0001242 |
| %RSD   | .1636694 | 5.885597 | 13.75053 | .5315511   | .5144110 | .4814843 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0635106 | .0015813 | .0014182 | 924.0828 | .0419638 | .0258289 |
| #2 | .0633219 | .0014094 | .0018058 | 928.7803 | .0415589 | .0256545 |
| #3 | .0634914 | .0014673 | .0014533 | 918.9609 | .0416381 | .0258948 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0620450 | 76.39136 | 3.516728 | 367.9076 | .0591230 | .0026646 |
| Stddev | .0035220 | .31434   | .009207  | 1.4572   | .0005251 | .0004045 |
| %RSD   | 5.676516 | .4114878 | .2618039 | .3960875 | .8880641 | 15.17918 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0637396 | 76.43476 | 3.506117 | 367.7665 | .0594187 | .0029340 |
| #2 | .0643993 | 76.68173 | 3.522597 | 369.4303 | .0594335 | .0028602 |
| #3 | .0579960 | 76.05757 | 3.521471 | 366.5261 | .0585168 | .0021995 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.040004 | .1302566 | .6474215 | 1.121589 | 1.534225 | .0136052 |
| Stddev | .196318  | .0008229 | .0056804 | .018798  | .016740  | .0011425 |
| %RSD   | 18.87670 | .6317211 | .8773889 | 1.676040 | 1.091098 | 8.397282 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .841170  | .1311730 | .6442142 | 1.120230 | 1.539173 | .0141163 |
| #2 | 1.045134 | .1295811 | .6440702 | 1.103508 | 1.515569 | .0144029 |
| #3 | 1.233707 | .1300157 | .6539801 | 1.141030 | 1.547933 | .0122964 |

Sample Name: L4581-20      Acquired: 11/05/2020 17:32:56      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4529      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061353 | 17.09759 | 3.259325 | .0006915 | 1.207500 | .0536067 |
| Stddev | .0003412 | .09585   | .011833  | .0015345 | .004045  | .0007100 |
| %RSD   | 5.561117 | .5606274 | .3630490 | 221.8966 | .3350157 | 1.324492 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0062256 | 17.12003 | 3.261118 | .0001022 | 1.208021 | .0540553 |
| #2 | .0057580 | 16.99251 | 3.246697 | .0024334 | 1.211260 | .0539767 |
| #3 | .0064221 | 17.18024 | 3.270159 | -.000461 | 1.203220 | .0527881 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2976500 |
| Stddev | .0007709 |
| %RSD   | .2589872 |

|    |          |
|----|----------|
| #1 | .2981028 |
| #2 | .2980873 |
| #3 | .2967599 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 851.4081 | 1445.964 | 25933.02 | 11162.81 | 1137.026 |
| Stddev    | 2.9868   | 2.807    | 37.30    | 12.23    | 2.731    |
| %RSD      | .3508101 | .1940931 | .1438266 | .1095250 | .2401818 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 853.0951 | 1442.969 | 25933.07 | 11175.75 | 1136.976 |
| #2 | 853.1698 | 1446.389 | 25895.70 | 11151.46 | 1139.781 |
| #3 | 847.9595 | 1448.534 | 25970.30 | 11161.20 | 1134.320 |

Sample Name: L4582-01      Acquired: 11/05/2020 17:37:07      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4503      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0464502 | .0077530 | .2030264 | .0050856 | -.000539 | 72.17023 | .6173670 |
| Stddev | .0049562 | .0027311 | .0043016 | .0014483 | .000500  | .22999   | .0012620 |
| %RSD   | 10.66990 | 35.22629 | 2.118739 | 28.47920 | 92.73853 | .3186715 | .2044213 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0511433 | .0059358 | .1995664 | .0059630 | -.000223 | 71.90931 | .6159143 |
| #2 | .0469401 | .0064294 | .2016701 | .0034139 | -.000279 | 72.34353 | .6181934 |
| #3 | .0412673 | .0108936 | .2078427 | .0058800 | -.001115 | 72.25785 | .6179933 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0057372 | .0056933 | 366.4647 | .1386486 | .0719754 | .2379594 | 130.3997 |
| Stddev | .0000232 | .0001175 | 1.2470   | .0003719 | .0012574 | .0022836 | .4731    |
| %RSD   | .4036616 | 2.064376 | .3402788 | .2682000 | 1.747046 | .9596508 | .3628328 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0057331 | .0056859 | 365.0267 | .1382211 | .0714353 | .2395234 | 130.0126 |
| #2 | .0057164 | .0055797 | 367.1194 | .1388970 | .0710783 | .2390160 | 130.9271 |
| #3 | .0057622 | .0058144 | 367.2481 | .1388277 | .0734127 | .2353389 | 130.2594 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.889158 | 191.8149 | .1988918 | .0048198 | 2.611818 | .1855732 | .9323729 |
| Stddev | .009988  | .8624    | .0003063 | .0003269 | .071878  | .0009189 | .0087186 |
| %RSD   | .3457149 | .4496076 | .1540295 | 6.782206 | 2.752046 | .4951917 | .9351024 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.878854 | 191.1184 | .1987038 | .0044443 | 2.528865 | .1854668 | .9419771 |
| #2 | 2.889824 | 192.7795 | .1992453 | .0049743 | 2.650945 | .1847121 | .9301849 |
| #3 | 2.898797 | 191.5467 | .1987264 | .0050407 | 2.655645 | .1865407 | .9249566 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.491469 | 5.594659 | .0181520 | .0106228 | 6.785758 | 2.859624 | .0062943 |
| Stddev | .026471  | .010870  | .0009833 | .0002215 | .011231  | .010192  | .0020796 |
| %RSD   | .4077803 | .1942846 | 5.416838 | 2.085005 | .1655061 | .3564259 | 33.03944 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.463257 | 5.588158 | .0170439 | .0106549 | 6.781393 | 2.849491 | .0086463 |
| #2 | 6.515761 | 5.607207 | .0189204 | .0108264 | 6.777364 | 2.869875 | .0055375 |
| #3 | 6.495390 | 5.588611 | .0184917 | .0103869 | 6.798515 | 2.859506 | .0046990 |

Sample Name: L4582-01      Acquired: 11/05/2020 17:37:07      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4503      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6069371 | .1071906 | .2654744 |
| Stddev | .0015047 | .0008363 | .0007253 |
| %RSD   | .2479131 | .7801642 | .2732110 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6062555 | .1063707 | .2646370 |
| #2 | .6086620 | .1080423 | .2659077 |
| #3 | .6058939 | .1071588 | .2658784 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 948.4006 | 1623.603 | 28644.17 | 12342.13 | 1221.646 |
| Stddev    | 5.9107   | 3.875    | 41.84    | 52.77    | 1.297    |
| %RSD      | .6232247 | .2386569 | .1460849 | .4275719 | .1061884 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 941.7298 | 1621.605 | 28680.31 | 12388.57 | 1221.303 |
| #2 | 950.4865 | 1628.070 | 28598.33 | 12284.74 | 1220.555 |
| #3 | 952.9855 | 1621.136 | 28653.88 | 12353.08 | 1223.081 |

Sample Name: L4582-02      Acquired: 11/05/2020 17:41:09      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4504      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0278724 | .0105295 | .3825958 | .0061976 | -.000416 | 76.68410 | .5544959 |
| Stddev | .0024329 | .0026730 | .0023583 | .0035606 | .000389  | .25981   | .0014115 |
| %RSD   | 8.728586 | 25.38623 | .6164082 | 57.45155 | 93.67458 | .3388036 | .2545521 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0254026 | .0126119 | .3813885 | .0084924 | -.000252 | 76.69440 | .5554000 |
| #2 | .0279479 | .0075153 | .3853133 | .0080046 | -.000135 | 76.41929 | .5528694 |
| #3 | .0302666 | .0114613 | .3810855 | .0020958 | -.000860 | 76.93860 | .5552183 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0057793 | .0081886 | 328.7339 | .1970534 | .0816782 | .2177212 | 137.0745 |
| Stddev | .0000605 | .0000657 | .6586    | .0001446 | .0005743 | .0020952 | .3853    |
| %RSD   | 1.047413 | .8020176 | .2003494 | .0733707 | .7031600 | .9623078 | .2810653 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0057649 | .0082644 | 329.4833 | .1970957 | .0820894 | .2201245 | 137.1114 |
| #2 | .0058457 | .0081537 | 328.4718 | .1971721 | .0819233 | .2167591 | 136.6722 |
| #3 | .0057272 | .0081478 | 328.2468 | .1968924 | .0810220 | .2162798 | 137.4401 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.701190 | 132.0421 | .2392383 | .0049061 | 2.856776 | .1906195 | 3.870632 |
| Stddev | .001764  | .2920    | .0002739 | .0001611 | .145437  | .0015476 | .009012  |
| %RSD   | .0476641 | .2211061 | .1144908 | 3.282967 | 5.090945 | .8118856 | .2328276 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.702856 | 132.0740 | .2391375 | .0050377 | 2.812491 | .1888344 | 3.861606 |
| #2 | 3.701374 | 131.7355 | .2390291 | .0049543 | 2.738629 | .1915844 | 3.879630 |
| #3 | 3.699342 | 132.3168 | .2395483 | .0047265 | 3.019208 | .1914396 | 3.870659 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.707679 | 5.322309 | .0241957 | .0117225 | 6.178958 | 3.487159 | .0123045 |
| Stddev | .066278  | .019729  | .0002673 | .0003385 | .032039  | .012494  | .0003553 |
| %RSD   | .8598917 | .3706764 | 1.104688 | 2.887353 | .5185102 | .3582907 | 2.887616 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.755616 | 5.316969 | .0242612 | .0120382 | 6.186282 | 3.501233 | .0122221 |
| #2 | 7.632046 | 5.305800 | .0244241 | .0117641 | 6.143892 | 3.482869 | .0126937 |
| #3 | 7.735376 | 5.344157 | .0239017 | .0113651 | 6.206701 | 3.477374 | .0119975 |

Sample Name: L4582-02      Acquired: 11/05/2020 17:41:09      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4504      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7136861 | .1150160 | .2959637 |
| Stddev | .0022967 | .0006064 | .0010112 |
| %RSD   | .3218043 | .5272356 | .3416488 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7162783 | .1150166 | .2963247 |
| #2 | .7119053 | .1144093 | .2948216 |
| #3 | .7128746 | .1156221 | .2967448 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 952.7695 | 1639.217 | 28681.10 | 12303.63 | 1248.137 |
| Stddev    | 2.9467   | .580     | 84.57    | 49.48    | 1.479    |
| %RSD      | .3092752 | .0353671 | .2948565 | .4021679 | .1185252 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 949.7821 | 1639.875 | 28703.82 | 12247.00 | 1246.978 |
| #2 | 952.8528 | 1638.781 | 28587.49 | 12338.56 | 1249.803 |
| #3 | 955.6737 | 1638.994 | 28751.98 | 12325.32 | 1247.628 |

Sample Name: L4582-03      Acquired: 11/05/2020 17:45:10      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4505      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0510185 | .0285308 | .6009335 | .0057998 | -.009131 | 86.91002 |
| Stddev | .0066956 | .0020568 | .0044112 | .0055625 | .000798  | .29124   |
| %RSD   | 13.12394 | 7.209169 | .7340597 | 95.90831 | 8.736202 | .3351097 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0442595 | .0299211 | .5968249 | .0075484 | -.008578 | 86.68509 |
| #2 | .0576489 | .0261680 | .6003803 | .0102780 | -.008770 | 87.23900 |
| #3 | .0511472 | .0295031 | .6055951 | -.000427 | -.010046 | 86.80598 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6692039 | .0070094 | .0067408 | 332.8681 | 3.041941 | 1.080054 |
| Stddev | .0020577 | .0000115 | .0001941 | .6759    | .005543  | .002431  |
| %RSD   | .3074870 | .1638682 | 2.878994 | .2030604 | .1822117 | .2250751 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6714247 | .0070001 | .0069555 | 333.6478 | 3.044167 | 1.077560 |
| #2 | .6688252 | .0070058 | .0066892 | 332.5082 | 3.035631 | 1.080186 |
| #3 | .6673619 | .0070222 | .0065778 | 332.4482 | 3.046025 | 1.082417 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2474422 | 229.1169 | 6.707714 | 159.0974 | F 7.873459 | .0164760 |
| Stddev | .0024098 | 1.6434   | .016116  | 1.1408   | .017590    | .0001401 |
| %RSD   | .9738819 | .7172780 | .2402577 | .7170410 | .2234094   | .8505890 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2488099 | 227.5290 | 6.723512 | 158.0212 | 7.853225 | .0163669 |
| #2 | .2488569 | 230.8107 | 6.691299 | 160.2934 | 7.882043 | .0164272 |
| #3 | .2446597 | 229.0108 | 6.708331 | 158.9776 | 7.885110 | .0166341 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3275701 | .2739868 | 1.063504 | 8.901679 | 4.565154 | .0053132 |
| Stddev | .0686047 | .0008455 | .001406  | .049318  | .022110  | .0028963 |
| %RSD   | 20.94351 | .3085967 | .1322012 | .5540281 | .4843189 | 54.51207 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4067050 | .2739640 | 1.063352 | 8.869162 | 4.545617 | .0032049 |
| #2 | .2848657 | .2731529 | 1.064980 | 8.877451 | 4.589156 | .0041189 |
| #3 | .2911394 | .2748435 | 1.062180 | 8.958425 | 4.560691 | .0086156 |

Sample Name: L4582-03      Acquired: 11/05/2020 17:45:10      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4505      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5168181 | 3.692031 | 2.558519 | .0534699 | 1.509808 | .1301530 |
| Stddev | .0013064 | .017128  | .019539  | .0023708 | .006244  | .0014183 |
| %RSD   | .2527805 | .4639298 | .7636845 | 4.433929 | .4135692 | 1.089716 |
| #1     | .5183049 | 3.686161 | 2.540137 | .0512374 | 1.502601 | .1299419 |
| #2     | .5162958 | 3.711323 | 2.579039 | .0532139 | 1.513589 | .1316651 |
| #3     | .5158537 | 3.678609 | 2.556381 | .0559583 | 1.513234 | .1288522 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .1969214 |
| Stddev | .0003165 |
| %RSD   | .1607446 |
| #1     | .1970509 |
| #2     | .1971526 |
| #3     | .1965607 |

| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 950.3319 | 1632.029 | 28946.63 | 12358.32 | 1236.002 |
| Stddev    | 2.0105   | 3.532    | 89.00    | 73.33    | .895     |
| %RSD      | .2115560 | .2164163 | .3074488 | .5933512 | .0724199 |
| #1        | 950.5866 | 1627.953 | 28994.36 | 12430.28 | 1237.008 |
| #2        | 952.2029 | 1633.950 | 29001.57 | 12283.70 | 1235.295 |
| #3        | 948.2062 | 1634.184 | 28843.95 | 12360.98 | 1235.702 |

Sample Name: L4582-04      Acquired: 11/05/2020 17:49:09      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4506      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0354796 | .0071600 | .2036691 | .0097114 | -.000373 | 95.45538 | .7370929 |
| Stddev | .0029832 | .0051510 | .0026746 | .0020334 | .003985  | .18929   | .0010802 |
| %RSD   | 8.408296 | 71.94173 | 1.313225 | 20.93783 | 1068.804 | .1983064 | .1465428 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0365761 | .0102245 | .2065651 | .0074403 | .001482  | 95.38646 | .7365977 |
| #2 | .0377594 | .0100424 | .2012919 | .0103312 | .002347  | 95.66948 | .7383318 |
| #3 | .0321033 | .0012130 | .2031504 | .0113628 | -.004947 | 95.31020 | .7363491 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0074992 | .0056138 | 189.1572 | .1656510 | .0812473 | .2345731 | 142.5127 |
| Stddev | .0000995 | .0000677 | .2068    | .0005701 | .0005110 | .0014830 | .7433    |
| %RSD   | 1.327307 | 1.205536 | .1093083 | .3441668 | .6290022 | .6322256 | .5215715 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0075780 | .0056663 | 188.9310 | .1652108 | .0811352 | .2361949 | 142.0612 |
| #2 | .0073873 | .0056376 | 189.2043 | .1654472 | .0818051 | .2342383 | 143.3706 |
| #3 | .0075323 | .0055374 | 189.3364 | .1662950 | .0808016 | .2332861 | 142.1065 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.463179 | 95.65907 | .2266240 | .0050681 | 3.041538 | .2010665 | .9587092 |
| Stddev | .008010  | .54840   | .0002170 | .0002221 | .157117  | .0014994 | .0010353 |
| %RSD   | .3252045 | .5732817 | .0957741 | 4.381239 | 5.165713 | .7457376 | .1079895 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.455472 | 95.12431 | .2263772 | .0052262 | 3.108282 | .2007448 | .9580357 |
| #2 | 2.462604 | 96.22015 | .2267849 | .0048142 | 2.862068 | .2027006 | .9599013 |
| #3 | 2.471462 | 95.63275 | .2267100 | .0051639 | 3.154265 | .1997540 | .9581905 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.907407 | 5.627589 | .0102208 | .0072268 | 4.581161 | 2.888802 | .0115872 |
| Stddev | .049321  | .033336  | .0012884 | .0002248 | .030572  | .010150  | .0020354 |
| %RSD   | .7140291 | .5923761 | 12.60596 | 3.111302 | .6673495 | .3513676 | 17.56588 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.871467 | 5.592374 | .0116509 | .0070200 | 4.546421 | 2.878157 | .0094989 |
| #2 | 6.963636 | 5.658659 | .0098607 | .0074662 | 4.603963 | 2.898372 | .0135652 |
| #3 | 6.887117 | 5.631736 | .0091506 | .0071943 | 4.593100 | 2.889877 | .0116976 |

Sample Name: L4582-04      Acquired: 11/05/2020 17:49:09      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4506      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7604867 | .1323600 | .2222638 |
| Stddev | .0023780 | .0003122 | .0004945 |
| %RSD   | .3126919 | .2358364 | .2224735 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7581942 | .1326023 | .2218356 |
| #2 | .7629418 | .1320078 | .2228050 |
| #3 | .7603241 | .1324701 | .2221509 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1000.043 | 1707.193 | 29788.30 | 12632.35 | 1273.005 |
| Stddev    | 4.982    | 1.221    | 113.34   | 41.01    | 2.070    |
| %RSD      | .4981739 | .0715159 | .3804929 | .3246209 | .1626398 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 994.699  | 1706.440 | 29662.21 | 12678.08 | 1274.443 |
| #2 | 1000.873 | 1706.536 | 29820.99 | 12620.15 | 1273.940 |
| #3 | 1004.558 | 1708.602 | 29881.72 | 12598.83 | 1270.632 |

Sample Name: L4582-05      Acquired: 11/05/2020 17:53:12      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4507      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0519076 | .0142620 | .2496444 | .0041287 | .0020652 | 69.27733 | .4801914 |
| Stddev | .0060929 | .0038480 | .0057827 | .0003968 | .0008729 | .25848   | .0004324 |
| %RSD   | 11.73796 | 26.98073 | 2.316363 | 9.611563 | 42.26826 | .3731055 | .0900418 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0463611 | .0170551 | .2465449 | .0044398 | .0011676 | 69.00660 | .4801724 |
| #2 | .0509324 | .0158581 | .2460724 | .0036818 | .0021168 | 69.52151 | .4797688 |
| #3 | .0584293 | .0098728 | .2563161 | .0042646 | .0029111 | 69.30388 | .4806330 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053301 | .0053665 | 317.3909 | .3521483 | .1243897 | .2125863 | 159.7355 |
| Stddev | .0000371 | .0001394 | .8162    | .0008383 | .0005089 | .0031191 | 1.0666   |
| %RSD   | .6962948 | 2.597978 | .2571681 | .2380443 | .4090909 | 1.467208 | .6677111 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0053408 | .0055096 | 316.6079 | .3520826 | .1245459 | .2090401 | 158.5269 |
| #2 | .0052888 | .0053587 | 317.3281 | .3530176 | .1238210 | .2138144 | 160.5450 |
| #3 | .0053607 | .0052310 | 318.2367 | .3513449 | .1248021 | .2149044 | 160.1345 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.937933 | 178.1372 | .6171527 | .0063094 | 5.531362 | .2096090 | .8126661 |
| Stddev | .011876  | 1.4144   | .0017303 | .0001606 | .027259  | .0017688 | .0120825 |
| %RSD   | .2405003 | .7939753 | .2803617 | 2.545395 | .4928099 | .8438431 | 1.486769 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.924471 | 176.5340 | .6154838 | .0061735 | 5.548298 | .2076671 | .8196648 |
| #2 | 4.942403 | 179.2084 | .6170360 | .0064867 | 5.499917 | .2111280 | .8196191 |
| #3 | 4.946926 | 178.6693 | .6189384 | .0062681 | 5.545871 | .2100318 | .7987145 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.685990 | 5.501260 | .0294063 | .0370004 | 7.689382 | 4.706534 | .0150890 |
| Stddev | .115679  | .032185  | .0027458 | .0008349 | .021844  | .036393  | .0007131 |
| %RSD   | 1.331791 | .5850436 | 9.337442 | 2.256551 | .2840765 | .7732406 | 4.726043 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.553725 | 5.529347 | .0300577 | .0374053 | 7.685940 | 4.677639 | .0143580 |
| #2 | 8.735962 | 5.466140 | .0317679 | .0360402 | 7.669463 | 4.694557 | .0151262 |
| #3 | 8.768283 | 5.508293 | .0263934 | .0375556 | 7.712742 | 4.747406 | .0157827 |

Sample Name: L4582-05      Acquired: 11/05/2020 17:53:12      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4507      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8859132 | .1165800 | .2390101 |
| Stddev | .0065630 | .0007248 | .0005615 |
| %RSD   | .7408163 | .6216955 | .2349044 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8783621 | .1173919 | .2383691 |
| #2 | .8902442 | .1159984 | .2394149 |
| #3 | .8891332 | .1163496 | .2392461 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 941.1557 | 1608.689 | 28264.02 | 12118.08 | 1241.286 |
| Stddev    | 6.1967   | 2.090    | 37.68    | 79.65    | 3.457    |
| %RSD      | .6584111 | .1298971 | .1333237 | .6572594 | .2784958 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 934.2455 | 1609.299 | 28305.13 | 12199.97 | 1239.016 |
| #2 | 946.2186 | 1610.405 | 28231.11 | 12113.40 | 1245.264 |
| #3 | 943.0031 | 1606.362 | 28255.83 | 12040.88 | 1239.578 |

Sample Name: L4582-09      Acquired: 11/05/2020 17:57:12      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4509      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0468897 | .0013116 | .3701830 | .0055998 | .0054033 | 28.22681 |
| Stddev | .0072475 | .0039432 | .0023520 | .0057174 | .0004246 | .05599   |
| %RSD   | 15.45641 | 300.6449 | .6353724 | 102.1006 | 7.858163 | .1983634 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0396665 | -.003223 | .3681577 | .0075916 | .0056949 | 28.17441 |
| #2 | .0541612 | .003225  | .3727627 | -.000847 | .0049161 | 28.22020 |
| #3 | .0468413 | .003933  | .3696285 | .010055  | .0055987 | 28.28581 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1963967 | .0025416 | .0105009 | F 1282.938 | .1226046 | .0407989 |
| Stddev | .0011427 | .0000711 | .0002595 | 14.875     | .0003428 | .0001065 |
| %RSD   | .5818532 | 2.799273 | 2.471687 | 1.159480   | .2796304 | .2609085 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1959929 | .0024651 | .0105204 | 1265.919 | .1229016 | .0409154 |
| #2 | .1976865 | .0026059 | .0107501 | 1293.454 | .1226829 | .0407746 |
| #3 | .1955106 | .0025537 | .0102321 | 1289.443 | .1222294 | .0407067 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3328507 | 81.08094 | 4.624810 | 708.9247 | .0992760 | .0024945 |
| Stddev | .0036232 | .10636   | .020288  | 1.1108   | .0012595 | .0005414 |
| %RSD   | 1.088541 | .1311800 | .4386707 | .1566881 | 1.268730 | 21.70560 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3302183 | 80.98541 | 4.604219 | 707.6898 | .1000251 | .0026706 |
| #2 | .3369830 | 81.19555 | 4.644781 | 709.8423 | .0999811 | .0018870 |
| #3 | .3313508 | 81.06186 | 4.625430 | 709.2422 | .0978219 | .0029260 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.870693 | .0976416 | 2.443192 | 4.295389 | 3.438102 | .0311418 |
| Stddev | .044019  | .0028034 | .011722  | .042384  | .011081  | .0008829 |
| %RSD   | 2.353093 | 2.871113 | .4797702 | .9867306 | .3223039 | 2.835090 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.892723 | .0952659 | 2.453026 | 4.250502 | 3.430724 | .0301545 |
| #2 | 1.820008 | .0969253 | 2.446329 | 4.300943 | 3.450845 | .0318556 |
| #3 | 1.899348 | .1007337 | 2.430221 | 4.334722 | 3.432738 | .0314153 |

Sample Name: L4582-09      Acquired: 11/05/2020 17:57:12      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4509      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054931 | 3.692733 | 2.191844 | .0103326 | .6570038 | .0756815 |
| Stddev | .0000344 | .016560  | .006642  | .0028585 | .0026689 | .0004605 |
| %RSD   | .6261569 | .4484594 | .3030156 | 27.66531 | .4062272 | .6085004 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0055218 | 3.694845 | 2.191218 | .0083643 | .6552287 | .0762120 |
| #2 | .0054550 | 3.708136 | 2.198777 | .0090219 | .6600731 | .0753843 |
| #3 | .0055025 | 3.675218 | 2.185538 | .0136114 | .6557097 | .0754482 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2632024 |
| Stddev | .0005724 |
| %RSD   | .2174740 |

|    |          |
|----|----------|
| #1 | .2625435 |
| #2 | .2635766 |
| #3 | .2634871 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 846.6592 | 1441.896 | 26030.62 | 11169.41 | 1078.093 |
| Stddev    | 4.9948   | 2.903    | 62.67    | 75.10    | 1.118    |
| %RSD      | .5899389 | .2013321 | .2407492 | .6723723 | .1037138 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 843.9975 | 1441.970 | 25958.26 | 11197.57 | 1078.070 |
| #2 | 843.5591 | 1444.761 | 26065.69 | 11084.31 | 1076.987 |
| #3 | 852.4212 | 1438.956 | 26067.90 | 11226.37 | 1079.223 |

Sample Name: L4582-10      Acquired: 11/05/2020 18:01:21      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4510      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0304739 | .0143436 | .4223768 | .0088326 | .0038696 | 23.70871 |
| Stddev | .0126350 | .0033563 | .0018191 | .0017113 | .0032514 | .04689   |
| %RSD   | 41.46180 | 23.39924 | .4306707 | 19.37472 | 84.02408 | .1977924 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0159235 | .0149807 | .4244414 | .0093229 | .0025984 | 23.68439 |
| #2 | .0368228 | .0107145 | .4210098 | .0069297 | .0075645 | 23.76277 |
| #3 | .0386754 | .0173358 | .4216793 | .0102453 | .0014458 | 23.67898 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5471201 | .0030492 | .0095375 | F 920.1670 | .6525717 | .1572181 |
| Stddev | .0004061 | .0000309 | .0000990 | 6.1593     | .0020812 | .0003376 |
| %RSD   | .0742236 | 1.013869 | 1.037724 | .6693692   | .3189228 | .2147600 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5466860 | .0030807 | .0096138 | 926.6945 | .6530502 | .1572923 |
| #2 | .5474907 | .0030189 | .0094256 | 919.3489 | .6502929 | .1575125 |
| #3 | .5471837 | .0030481 | .0095730 | 914.4576 | .6543719 | .1568496 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3630046 | 131.0283 | 3.232266 | 532.9552 | 1.377194 | .0083184 |
| Stddev | .0008641 | .3364    | .002557  | 1.5715   | .001474  | .0003942 |
| %RSD   | .2380367 | .2567476 | .0791129 | .2948661 | .1070396 | 4.739144 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3638850 | 131.3309 | 3.233306 | 534.6341 | 1.377741 | .0085254 |
| #2 | .3629709 | 131.0879 | 3.229353 | 532.7123 | 1.378315 | .0085661 |
| #3 | .3621578 | 130.6661 | 3.234139 | 531.5194 | 1.375524 | .0078638 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.381139 | .1208666 | 3.207576 | 3.177607 | 5.673058 | .0406025 |
| Stddev | .272931  | .0003224 | .016108  | .057245  | .019566  | .0020428 |
| %RSD   | 19.76132 | .2667005 | .5021996 | 1.801508 | .3449001 | 5.031168 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.316102 | .1205375 | 3.211027 | 3.235172 | 5.691668 | .0411983 |
| #2 | 1.146602 | .1208805 | 3.190021 | 3.120688 | 5.652658 | .0422811 |
| #3 | 1.680715 | .1211817 | 3.221679 | 3.176961 | 5.674846 | .0383280 |

Sample Name: L4582-10      Acquired: 11/05/2020 18:01:21      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4510      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1530436 | 8.280074 | 2.379679 | .0370788 | .9235989 | .0544514 |
| Stddev | .0009807 | .016143  | .001375  | .0031745 | .0022795 | .0006351 |
| %RSD   | .6407919 | .1949641 | .0577670 | 8.561599 | .2468088 | 1.166345 |
|        |          |          |          |          |          |          |
| #1     | .1521456 | 8.298402 | 2.378146 | .0386189 | .9220514 | .0551012 |
| #2     | .1540901 | 8.273855 | 2.380801 | .0391894 | .9225288 | .0538321 |
| #3     | .1528952 | 8.267966 | 2.380090 | .0334279 | .9262166 | .0544210 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3492632 |
| Stddev | .0001305 |
| %RSD   | .0373736 |
|        |          |
| #1     | .3492916 |
| #2     | .3493772 |
| #3     | .3491208 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 856.3711 | 1454.816 | 26045.91 | 11125.80 | 1124.921 |
| Stddev    | .5345    | 2.953    | 72.12    | 27.78    | .439     |
| %RSD      | .0624099 | .2029872 | .2768980 | .2497089 | .0390208 |
|           |          |          |          |          |          |
| #1        | 856.1314 | 1458.215 | 25964.28 | 11093.74 | 1124.840 |
| #2        | 855.9986 | 1452.877 | 26101.01 | 11140.88 | 1124.528 |
| #3        | 856.9835 | 1453.357 | 26072.44 | 11142.78 | 1125.395 |

Sample Name: L4582-11      Acquired: 11/05/2020 18:05:30      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4513      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0371145 | .0352587 | .8246476 | .0057366 | .0110689 | 44.13996 | .6603463 |
| Stddev | .0039097 | .0028330 | .0046962 | .0057638 | .0011407 | .13808   | .0002761 |
| %RSD   | 10.53408 | 8.034933 | .5694788 | 100.4729 | 10.30547 | .3128229 | .0418136 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0416097 | .0323773 | .8277419 | .0118390 | .0098296 | 44.29916 | .6601915 |
| #2 | .0352285 | .0353583 | .8192438 | .0049858 | .0113024 | 44.06804 | .6601824 |
| #3 | .0345054 | .0380407 | .8269569 | .0003851 | .0120749 | 44.05270 | .6606651 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0050746 | .0099934 | 426.7202 | .1928699 | .0995964 | .3031818 | 307.1064 |
| Stddev | .0000932 | .0000587 | .9549    | .0005468 | .0009585 | .0015361 | 1.1377   |
| %RSD   | 1.837192 | .5876343 | .2237794 | .2835050 | .9623977 | .5066647 | .3704736 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051814 | .0099902 | 426.7146 | .1922498 | .0989818 | .3047130 | 308.3033 |
| #2 | .0050092 | .0100536 | 425.7682 | .1932827 | .0991066 | .3016409 | 306.9769 |
| #3 | .0050333 | .0099363 | 427.6780 | .1930774 | .1007008 | .3031914 | 306.0389 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.351718 | 202.4942 | .3774008 | .0100471 | .4134015 | .1621823 | 4.658560 |
| Stddev | .012665  | .6679    | .0010712 | .0003230 | .1297630 | .0024056 | .031892  |
| %RSD   | .2910387 | .3298491 | .2838473 | 3.214536 | 31.38909 | 1.483286 | .6845895 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.348723 | 203.2037 | .3773693 | .0104187 | .5595713 | .1643585 | 4.631924 |
| #2 | 4.340819 | 202.4015 | .3784874 | .0098879 | .3688513 | .1595992 | 4.693900 |
| #3 | 4.365612 | 201.8775 | .3763456 | .0098345 | .3117819 | .1625893 | 4.649855 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.858236 | 5.754805 | .0344599 | .0383606 | 4.982845 | 2.633858 | .0834008 |
| Stddev | .013771  | .018352  | .0026402 | .0002334 | .019119  | .004847  | .0019551 |
| %RSD   | .2007903 | .3189048 | 7.661729 | .6084722 | .3837024 | .1840218 | 2.344246 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.848268 | 5.734831 | .0315837 | .0381826 | 4.964298 | 2.636821 | .0850816 |
| #2 | 6.852490 | 5.770923 | .0350223 | .0386249 | 5.002489 | 2.628265 | .0812551 |
| #3 | 6.873949 | 5.758660 | .0367735 | .0382743 | 4.981748 | 2.636489 | .0838657 |

Sample Name: L4582-11      Acquired: 11/05/2020 18:05:30      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4513      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.112895 | .0810188 | .1902763 |
| Stddev | .001531  | .0007467 | .0003808 |
| %RSD   | .1375564 | .9216542 | .2001306 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.114205 | .0818491 | .1907145 |
| #2 | 1.113267 | .0808050 | .1900886 |
| #3 | 1.111212 | .0804023 | .1900258 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 904.1487 | 1549.068 | 27422.47 | 11530.76 | 1227.162 |
| Stddev    | 6.4817   | 4.347    | 124.66   | 14.58    | 1.234    |
| %RSD      | .7168844 | .2806331 | .4545856 | .1264877 | .1005314 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 910.6184 | 1544.148 | 27488.49 | 11514.51 | 1225.960 |
| #2 | 897.6551 | 1552.391 | 27278.68 | 11535.03 | 1228.425 |
| #3 | 904.1725 | 1550.664 | 27500.22 | 11542.73 | 1227.101 |

Sample Name: L4582-12      Acquired: 11/05/2020 18:09:28      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4515      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0548953 | .0245723 | .1767315 | -.000369 | .0025484 | 112.3922 | .7100270 |
| Stddev | .0068587 | .0021844 | .0008081 | .002163  | .0025256 | .0971    | .0001294 |
| %RSD   | 12.49420 | 8.889665 | .4572312 | 585.9664 | 99.10805 | .0864072 | .0182277 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0621560 | .0239946 | .1776640 | -.000440 | .0009027 | 112.2806 | .7098882 |
| #2 | .0485257 | .0227348 | .1762361 | -.002495 | .0054563 | 112.4386 | .7101444 |
| #3 | .0540040 | .0269875 | .1762944 | .001828  | .0012861 | 112.4573 | .7100485 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0083709 | .0047170 | 40.52986 | .2101126 | .1184198 | .1499049 | 254.4225 |
| Stddev | .0001233 | .0001361 | .05491   | .0008760 | .0005487 | .0025769 | .5731    |
| %RSD   | 1.473476 | 2.884580 | .1354807 | .4169319 | .4633294 | 1.719015 | .2252641 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0082573 | .0045608 | 40.46669 | .2096485 | .1185172 | .1491553 | 253.7983 |
| #2 | .0085021 | .0047804 | 40.55674 | .2111230 | .1178290 | .1527735 | 254.5443 |
| #3 | .0083533 | .0048098 | 40.56615 | .2095663 | .1189133 | .1477859 | 254.9249 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.409228 | 51.55146 | .3278992 | .0090158 | -.004911 | .2077815 | .8313396 |
| Stddev | .002893  | .16227   | .0016252 | .0002241 | .049673  | .0028280 | .0040685 |
| %RSD   | .0534824 | .3147721 | .4956275 | 2.486062 | 1011.542 | 1.361038 | .4893928 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.408104 | 51.36582 | .3293076 | .0087703 | .050370  | .2050924 | .8322083 |
| #2 | 5.412515 | 51.62225 | .3282691 | .0090677 | -.019303 | .2107305 | .8269069 |
| #3 | 5.407066 | 51.66630 | .3261210 | .0092095 | -.045798 | .2075218 | .8349037 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.667887 | 3.846013 | -.002698 | .0080628 | .9477400 | 2.113944 | .0174082 |
| Stddev | .003533  | .016991  | .001832  | .0003436 | .0034700 | .009068  | .0007383 |
| %RSD   | .0407590 | .4417806 | 67.90574 | 4.261272 | .3661316 | .4289790 | 4.241077 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.670766 | 3.859156 | -.001634 | .0080942 | .9468678 | 2.103519 | .0181631 |
| #2 | 8.663944 | 3.826826 | -.004814 | .0083897 | .9515629 | 2.120007 | .0166877 |
| #3 | 8.668949 | 3.852056 | -.001647 | .0077047 | .9447894 | 2.118305 | .0173739 |

Sample Name: L4582-12      Acquired: 11/05/2020 18:09:28      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4515      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7932252 | .1619558 | .0769949 |
| Stddev | .0035495 | .0006956 | .0001708 |
| %RSD   | .4474765 | .4294899 | .2218749 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7917704 | .1627237 | .0769053 |
| #2 | .7906341 | .1617761 | .0771919 |
| #3 | .7972709 | .1613678 | .0768875 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1066.465 | 1819.630 | 31315.61 | 12977.84 | 1336.609 |
| Stddev    | 3.301    | 4.879    | 61.81    | 23.13    | 1.032    |
| %RSD      | .3094984 | .2681192 | .1973695 | .1781892 | .0772182 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1062.849 | 1824.558 | 31264.42 | 13002.82 | 1337.008 |
| #2 | 1067.229 | 1819.531 | 31298.14 | 12957.18 | 1337.381 |
| #3 | 1069.317 | 1814.802 | 31384.27 | 12973.52 | 1335.436 |

Sample Name: L4582-13      Acquired: 11/05/2020 18:13:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4516      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0814300 | .0391397 | .2542817 | .0049970 | .0045069 | 98.40131 | 2.032673 |
| Stddev | .0057954 | .0033987 | .0045710 | .0057047 | .0019983 | .15437   | .004152  |
| %RSD   | 7.116998 | 8.683571 | 1.797612 | 114.1641 | 44.33855 | .1568745 | .2042412 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0758694 | .0417532 | .2504854 | .0015097 | .0065876 | 98.54140 | 2.034129 |
| #2 | .0874346 | .0352975 | .2530042 | .0115804 | .0026028 | 98.23582 | 2.035899 |
| #3 | .0809860 | .0403683 | .2593556 | .0019008 | .0043302 | 98.42672 | 2.027989 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081411 | .0102070 | 116.2489 | .2053798 | .1803829 | .1286412 | 338.7834 |
| Stddev | .0001097 | .0001031 | .1777    | .0009977 | .0001726 | .0011697 | .6275    |
| %RSD   | 1.346966 | 1.010367 | .1528786 | .4857729 | .0956834 | .9092875 | .1852336 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0082235 | .0101699 | 116.0901 | .2044548 | .1805016 | .1284358 | 338.1068 |
| #2 | .0081832 | .0103236 | 116.4409 | .2052475 | .1804622 | .1275878 | 338.8972 |
| #3 | .0080167 | .0101276 | 116.2158 | .2064370 | .1801849 | .1299000 | 339.3463 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 21.73446 | 55.69590 | .4271702 | .0201068 | .0853096 | .3190309 | 1.312215 |
| Stddev | .06803   | .14670   | .0023313 | .0002314 | .1304379 | .0025231 | .006899  |
| %RSD   | .3129880 | .2633951 | .5457472 | 1.151103 | 152.8993 | .7908728 | .5257687 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 21.66808 | 55.53851 | .4249497 | .0202157 | .1999546 | .3191939 | 1.318944 |
| #2 | 21.80402 | 55.72036 | .4269627 | .0202637 | .1125829 | .3164302 | 1.305158 |
| #3 | 21.73127 | 55.82883 | .4295984 | .0198410 | -.056609 | .3214685 | 1.312544 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.555648 | 6.418267 | .0015986 | .0268305 | 2.109969 | 2.165123 | .0122950 |
| Stddev | .034876  | .016101  | .0072403 | .0001364 | .012240  | .019069  | .0025662 |
| %RSD   | .4076398 | .2508602 | 452.9113 | .5085362 | .5801233 | .8807362 | 20.87164 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.532743 | 6.400319 | .0079725 | .0267623 | 2.098899 | 2.145029 | .0106414 |
| #2 | 8.538414 | 6.423041 | -.006274 | .0269876 | 2.107893 | 2.182967 | .0152512 |
| #3 | 8.595786 | 6.431441 | .003097  | .0267415 | 2.123115 | 2.167373 | .0109923 |

Sample Name: L4582-13      Acquired: 11/05/2020 18:13:29      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4516      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8212332 | .1236118 | .2483394 |
| Stddev | .0037768 | .0019241 | .0003716 |
| %RSD   | .4598940 | 1.556538 | .1496302 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8178301 | .1257511 | .2487146 |
| #2 | .8252966 | .1230610 | .2483321 |
| #3 | .8205729 | .1220231 | .2479716 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1018.065 | 1740.583 | 30224.56 | 12583.75 | 1317.593 |
| Stddev    | 6.958    | .789     | 115.36   | 46.13    | 1.022    |
| %RSD      | .6834498 | .0453415 | .3816712 | .3665538 | .0775968 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1013.444 | 1740.991 | 30217.92 | 12635.97 | 1318.331 |
| #2 | 1026.068 | 1739.673 | 30343.10 | 12566.74 | 1316.426 |
| #3 | 1014.685 | 1741.085 | 30112.67 | 12548.55 | 1318.023 |

Sample Name: L4582-14      Acquired: 11/05/2020 18:17:28      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4517      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0525040 | .0197772 | .2100738 | .0039356 | .0011106 | 92.16438 | .9517987 |
| Stddev | .0037744 | .0083534 | .0014832 | .0006330 | .0009752 | .08183   | .0019529 |
| %RSD   | 7.188812 | 42.23748 | .7060548 | 16.08424 | 87.80322 | .0887879 | .2051835 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0565439 | .0287383 | .2097354 | .0041320 | .0022274 | 92.19328 | .9531164 |
| #2 | .0519002 | .0183875 | .2116969 | .0032277 | .0006767 | 92.22784 | .9495550 |
| #3 | .0490679 | .0122058 | .2087889 | .0044472 | .0004277 | 92.07202 | .9527246 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0069275 | .0063162 | 301.9275 | .2890292 | .0992239 | .1432031 | 182.3362 |
| Stddev | .0000587 | .0000637 | .7220    | .0012351 | .0004141 | .0033630 | .6139    |
| %RSD   | .8468672 | 1.007784 | .2391265 | .4273201 | .4172908 | 2.348419 | .3366856 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0069740 | .0063623 | 302.3825 | .2904360 | .0993441 | .1470212 | 181.7442 |
| #2 | .0069469 | .0062436 | 301.0950 | .2881229 | .0995646 | .1419074 | 182.9699 |
| #3 | .0068616 | .0063428 | 302.3050 | .2885287 | .0987631 | .1406806 | 182.2946 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.08610 | 163.8481 | .3494381 | .0079880 | .3710686 | .2248485 | .7716811 |
| Stddev | .00937   | .5441    | .0018050 | .0003342 | .0038153 | .0022380 | .0039691 |
| %RSD   | .0845526 | .3320957 | .5165471 | 4.183773 | 1.028185 | .9953211 | .5143495 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.08821 | 163.5876 | .3476503 | .0076792 | .3729815 | .2247995 | .7687775 |
| #2 | 11.07584 | 164.4735 | .3494042 | .0083428 | .3666753 | .2271106 | .7762039 |
| #3 | 11.09423 | 163.4832 | .3512598 | .0079419 | .3735490 | .2226355 | .7700618 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.509362 | 4.290958 | .0036838 | .0114336 | 1.711676 | 3.897355 | .0086447 |
| Stddev | .013578  | .016919  | .0030581 | .0005716 | .001656  | .017750  | .0012464 |
| %RSD   | .1808187 | .3942844 | 83.01352 | 4.999252 | .0967585 | .4554302 | 14.41862 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.521402 | 4.273084 | .0046202 | .0114754 | 1.709789 | 3.886382 | .0075426 |
| #2 | 7.512038 | 4.306724 | .0061643 | .0119832 | 1.712350 | 3.887851 | .0083940 |
| #3 | 7.494644 | 4.293066 | .0002671 | .0108423 | 1.712889 | 3.917833 | .0099974 |

Sample Name: L4582-14      Acquired: 11/05/2020 18:17:28      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4517      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9903010 | .1214118 | .1571680 |
| Stddev | .0036696 | .0007564 | .0000391 |
| %RSD   | .3705554 | .6230257 | .0248806 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9910504 | .1210430 | .1571547 |
| #2 | .9935381 | .1209104 | .1572121 |
| #3 | .9863146 | .1222818 | .1571374 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 998.5258 | 1705.892 | 29743.94 | 12436.65 | 1246.831 |
| Stddev    | 2.7747   | 4.318    | 94.22    | 18.77    | 1.642    |
| %RSD      | .2778780 | .2531487 | .3167758 | .1509237 | .1316898 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 997.2474 | 1700.988 | 29636.66 | 12452.72 | 1248.528 |
| #2 | 996.6207 | 1707.563 | 29781.89 | 12441.21 | 1246.714 |
| #3 | 1001.709 | 1709.125 | 29813.27 | 12416.02 | 1245.250 |

Sample Name: L4582-15      Acquired: 11/05/2020 18:21:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4518      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0583491 | .0170186 | .2099283 | .0022831 | .0046617 | 100.2484 | .9076332 |
| Stddev | .0066464 | .0044526 | .0026247 | .0025697 | .0027721 | .5132    | .0024069 |
| %RSD   | 11.39077 | 26.16346 | 1.250271 | 112.5528 | 59.46509 | .5119307 | .2651858 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0651220 | .0162797 | .2108556 | .0052430 | .0060480 | 99.7165  | .9074659 |
| #2 | .0580885 | .0217944 | .2069659 | .0006222 | .0064672 | 100.7406 | .9101193 |
| #3 | .0518368 | .0129816 | .2119635 | .0009842 | .0014700 | 100.2881 | .9053142 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0072004 | .0062256 | 230.4647 | .2162143 | .1132573 | .2227860 | 224.2829 |
| Stddev | .0000486 | .0000642 | .3689    | .0002978 | .0004918 | .0006215 | 2.0738   |
| %RSD   | .6753932 | 1.031060 | .1600754 | .1377222 | .4341982 | .2789747 | .9246478 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0072093 | .0062920 | 230.5235 | .2163883 | .1127359 | .2227815 | 221.9568 |
| #2 | .0071479 | .0061639 | 230.8007 | .2163842 | .1133235 | .2234097 | 225.9385 |
| #3 | .0072439 | .0062208 | 230.0699 | .2158705 | .1137127 | .2221667 | 224.9535 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.413109 | 118.0692 | .2859892 | .0120400 | .5781359 | .2536949 | .8037854 |
| Stddev | .012139  | 1.0002   | .0006557 | .0006270 | .1554573 | .0023327 | .0026569 |
| %RSD   | .1637453 | .8471034 | .2292672 | 5.207217 | 26.88940 | .9195059 | .3305490 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.418022 | 116.9262 | .2852764 | .0113725 | .6704119 | .2521272 | .8044811 |
| #2 | 7.422021 | 118.7838 | .2865666 | .0126164 | .6653427 | .2563757 | .8008499 |
| #3 | 7.399284 | 118.4976 | .2861246 | .0121311 | .3986532 | .2525818 | .8060253 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.360322 | 5.134218 | .0063746 | .0160615 | 2.234640 | 2.564595 | .0056855 |
| Stddev | .008580  | .019701  | .0036045 | .0001606 | .016451  | .019504  | .0017914 |
| %RSD   | .1026295 | .3837174 | 56.54439 | .9997226 | .7361733 | .7605230 | 31.50768 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.352790 | 5.154854 | .0027950 | .0160123 | 2.223084 | 2.543622 | .0041698 |
| #2 | 8.369662 | 5.115609 | .0100034 | .0159313 | 2.227361 | 2.567975 | .0052243 |
| #3 | 8.358513 | 5.132191 | .0063254 | .0162409 | 2.253475 | 2.582189 | .0076624 |

Sample Name: L4582-15      Acquired: 11/05/2020 18:21:29      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4518      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.036017 | .1515910 | .3849802 |
| Stddev | .005351  | .0006044 | .0007791 |
| %RSD   | .5164702 | .3987084 | .2023785 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.031034 | .1518250 | .3843242 |
| #2 | 1.041672 | .1520433 | .3858414 |
| #3 | 1.035345 | .1509045 | .3847749 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1010.612 | 1731.365 | 30085.95 | 12526.12 | 1276.511 |
| Stddev    | 5.217    | 2.646    | 105.05   | 29.53    | .829     |
| %RSD      | .5162577 | .1528210 | .3491668 | .2357210 | .0649646 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1005.705 | 1732.309 | 29968.37 | 12559.89 | 1277.266 |
| #2 | 1016.093 | 1728.376 | 30118.94 | 12505.22 | 1276.643 |
| #3 | 1010.037 | 1733.409 | 30170.54 | 12513.24 | 1275.623 |

Sample Name: L4582-16      Acquired: 11/05/2020 18:25:30      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4519      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0676286 | .0153954 | .3763195 | .0088675 | .0044751 | 62.09947 | .4390263 |
| Stddev | .0082698 | .0049506 | .0013268 | .0042154 | .0016994 | .01566   | .0002971 |
| %RSD   | 12.22823 | 32.15649 | .3525648 | 47.53768 | 37.97377 | .0252252 | .0676831 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0770338 | .0184466 | .3774763 | .0040005 | .0058250 | 62.10427 | .4387089 |
| #2 | .0643562 | .0096834 | .3766111 | .0112399 | .0025668 | 62.08197 | .4392980 |
| #3 | .0614958 | .0180563 | .3748712 | .0113621 | .0050336 | 62.11217 | .4390719 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049727 | .0062607 | 258.9298 | .3096673 | .1008729 | .1748289 | 162.6804 |
| Stddev | .0001170 | .0001697 | .1891    | .0014931 | .0003642 | .0023313 | .1111    |
| %RSD   | 2.352335 | 2.711246 | .0730151 | .4821754 | .3610160 | 1.333472 | .0683177 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051042 | .0062948 | 259.1358 | .3081231 | .1010287 | .1773269 | 162.8050 |
| #2 | .0048801 | .0060765 | 258.8895 | .3097753 | .1004568 | .1744489 | 162.5915 |
| #3 | .0049340 | .0064108 | 258.7642 | .3111035 | .1011333 | .1727110 | 162.6448 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.580252 | 133.8127 | .2414155 | .0068861 | .4644135 | .2439740 | .8223478 |
| Stddev | .003157  | .0480    | .0011098 | .0001398 | .1345615 | .0012118 | .0032149 |
| %RSD   | .0565803 | .0358660 | .4597165 | 2.029405 | 28.97451 | .4966978 | .3909383 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.583317 | 133.8535 | .2426886 | .0070471 | .4373080 | .2434906 | .8192476 |
| #2 | 5.577010 | 133.7598 | .2409056 | .0068151 | .3454681 | .2453529 | .8256662 |
| #3 | 5.580430 | 133.8246 | .2406522 | .0067960 | .6104645 | .2430785 | .8221295 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.327898 | 3.673197 | .0078726 | .0220651 | 2.946210 | 2.053995 | .0158159 |
| Stddev | .073455  | .011787  | .0034524 | .0002987 | .004255  | .014829  | .0023458 |
| %RSD   | 1.697240 | .3208858 | 43.85326 | 1.353607 | .1444091 | .7219501 | 14.83168 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.260399 | 3.662382 | .0089446 | .0221468 | 2.944435 | 2.067785 | .0166655 |
| #2 | 4.406129 | 3.671450 | .0106619 | .0223144 | 2.951065 | 2.038310 | .0176186 |
| #3 | 4.317167 | 3.685760 | .0040114 | .0217341 | 2.943131 | 2.055890 | .0131638 |

Sample Name: L4582-16      Acquired: 11/05/2020 18:25:30      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4519      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.595822 | .0851571 | .1285031 |
| Stddev | .003636  | .0017115 | .0003318 |
| %RSD   | .2278737 | 2.009794 | .2581975 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.591854 | .0832314 | .1284786 |
| #2 | 1.598995 | .0865045 | .1288465 |
| #3 | 1.596616 | .0857354 | .1281843 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 948.0945 | 1609.393 | 28254.73 | 11707.76 | 1275.400 |
| Stddev    | 5.3085   | 5.328    | 120.09   | 24.84    | 2.417    |
| %RSD      | .5599174 | .3310381 | .4250395 | .2121551 | .1894862 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 950.0274 | 1606.956 | 28280.57 | 11679.17 | 1272.890 |
| #2 | 942.0903 | 1615.503 | 28123.83 | 11719.96 | 1277.711 |
| #3 | 952.1657 | 1605.719 | 28359.81 | 11724.13 | 1275.598 |

Sample Name: L4582-17      Acquired: 11/05/2020 18:29:32      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4520      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0695717 | .0174709 | .5818034 | .0146631 | .0034920 | 63.07272 |
| Stddev | .0022410 | .0047919 | .0032806 | .0032659 | .0012710 | .16360   |
| %RSD   | 3.221194 | 27.42785 | .5638663 | 22.27309 | 36.39760 | .2593872 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0721318 | .0176535 | .5798638 | .0184332 | .0027028 | 63.20649 |
| #2 | .0686182 | .0221690 | .5799553 | .0128572 | .0049582 | 62.89031 |
| #3 | .0679652 | .0125904 | .5855911 | .0126989 | .0028149 | 63.12135 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4438281 | .0053307 | .0079242 | F 829.3058 | .3559329 | .0839023 |
| Stddev | .0007633 | .0001076 | .0001967 | 10.9281    | .0009277 | .0000830 |
| %RSD   | .1719701 | 2.018351 | 2.481766 | 1.317743   | .2606537 | .0989880 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4440114 | .0054240 | .0080839 | 827.1683 | .3565318 | .0839973 |
| #2 | .4444831 | .0053550 | .0077046 | 819.6044 | .3548642 | .0838436 |
| #3 | .4429899 | .0052130 | .0079842 | 841.1448 | .3564027 | .0838661 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2447434 | 193.1754 | 4.712774 | 235.6802 | .2372273 | .0079889 |
| Stddev | .0018118 | 1.2085   | .008270  | 1.6408   | .0022879 | .0001328 |
| %RSD   | .7402650 | .6256137 | .1754756 | .6962150 | .9644411 | 1.662873 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2466355 | 193.8091 | 4.709780 | 236.7791 | .2350313 | .0079853 |
| #2 | .2430244 | 191.7818 | 4.722124 | 233.7941 | .2370534 | .0078578 |
| #3 | .2445702 | 193.9352 | 4.706418 | 236.4673 | .2395972 | .0081235 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5936176 | .2005028 | 1.079537 | 6.182525 | 4.684806 | .0072783 |
| Stddev | .0431958 | .0015658 | .008151  | .029941  | .011167  | .0055547 |
| %RSD   | 7.276702 | .7809318 | .7550147 | .4842869 | .2383708 | 76.31785 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5451640 | .2004683 | 1.074515 | 6.154004 | 4.672331 | .0081772 |
| #2 | .6280945 | .1989546 | 1.075155 | 6.213709 | 4.688221 | .0013290 |
| #3 | .6075943 | .2020856 | 1.088942 | 6.179863 | 4.693868 | .0123287 |

Sample Name: L4582-17      Acquired: 11/05/2020 18:29:32      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4520      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0214955 | 4.997418 | 2.402054 | .0985012 | 1.296390 | .1153704 |
| Stddev | .0002668 | .018708  | .010005  | .0022190 | .001483  | .0007122 |
| %RSD   | 1.241318 | .3743514 | .4165287 | 2.252794 | .1144115 | .6172690 |
|        |          |          |          |          |          |          |
| #1     | .0217904 | 4.976351 | 2.411905 | .1009698 | 1.298026 | .1149110 |
| #2     | .0214253 | 5.003813 | 2.402354 | .0966721 | 1.296010 | .1150093 |
| #3     | .0212708 | 5.012089 | 2.391902 | .0978618 | 1.295133 | .1161907 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2883350 |
| Stddev | .0004041 |
| %RSD   | .1401563 |
|        |          |
| #1     | .2887275 |
| #2     | .2879202 |
| #3     | .2883574 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 924.0829 | 1559.957 | 27685.12 | 11543.56 | 1172.185 |
| Stddev    | 3.5190   | 2.323    | 46.65    | 53.66    | 2.963    |
| %RSD      | .3808050 | .1489147 | .1685174 | .4648234 | .2527350 |
|           |          |          |          |          |          |
| #1        | 922.3658 | 1557.279 | 27647.81 | 11501.82 | 1174.564 |
| #2        | 928.1308 | 1561.431 | 27737.43 | 11604.08 | 1173.124 |
| #3        | 921.7522 | 1561.161 | 27670.11 | 11524.77 | 1168.867 |

Sample Name: L4582-18      Acquired: 11/05/2020 18:33:43      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4523      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0382123 | .0054162 | .0833552 | .0059872 | .0045729 | 22.50336 |
| Stddev | .0068683 | .0115951 | .0034618 | .0024147 | .0033173 | .05495   |
| %RSD   | 17.97421 | 214.0813 | 4.153104 | 40.33033 | 72.54332 | .2441686 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0460720 | .0103360 | .0809374 | .0068930 | .0075299 | 22.44061 |
| #2 | .0352006 | .0137402 | .0818072 | .0078180 | .0009856 | 22.54283 |
| #3 | .0333642 | -.007828 | .0873209 | .0032506 | .0052032 | 22.52666 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1353056 | .0023016 | .0022995 | F 1210.594 | .0800211 | .0420329 |
| Stddev | .0006708 | .0000525 | .0001141 | 17.065     | .0005618 | .0002220 |
| %RSD   | .4957957 | 2.283255 | 4.962340 | 1.409642   | .7020464 | .5280551 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1350628 | .0023022 | .0023122 | 1196.727 | .0805368 | .0421298 |
| #2 | .1360640 | .0023539 | .0024067 | 1229.651 | .0794225 | .0421900 |
| #3 | .1347900 | .0022488 | .0021795 | 1205.403 | .0801039 | .0417790 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1108979 | 104.3636 | 6.084790 | 595.6509 | .1031889 | .0037269 |
| Stddev | .0014517 | .6154    | .013395  | 3.3094   | .0005702 | .0003146 |
| %RSD   | 1.309080 | .5897008 | .2201308 | .5555997 | .5526214 | 8.442291 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1107431 | 103.6537 | 6.096652 | 591.8308 | .1038469 | .0039907 |
| #2 | .1124209 | 104.6902 | 6.087454 | 597.6491 | .1028389 | .0033787 |
| #3 | .1095298 | 104.7468 | 6.070263 | 597.4727 | .1028808 | .0038115 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.997667 | .1037023 | .4399275 | 2.199261 | 4.558423 | .0182987 |
| Stddev | .178120  | .0012259 | .0021526 | .016191  | .013377  | .0011879 |
| %RSD   | 8.916384 | 1.182126 | .4893115 | .7361956 | .2934534 | 6.491603 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.026660 | .1024913 | .4385952 | 2.206921 | 4.572028 | .0190484 |
| #2 | 1.806829 | .1036731 | .4424109 | 2.210200 | 4.557956 | .0189185 |
| #3 | 2.159511 | .1049426 | .4387763 | 2.180661 | 4.545286 | .0169291 |

Sample Name: L4582-18      Acquired: 11/05/2020 18:33:43      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4523      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0119117 | 19.07626 | 1.585455 | .0040766 | .6896305 | .0857666 |
| Stddev | .0000796 | .02120   | .004975  | .0007937 | .0026215 | .0003777 |
| %RSD   | .6681862 | .1111278 | .3137724 | 19.47077 | .3801349 | .4403977 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0119317 | 19.05322 | 1.579726 | .0048631 | .6866240 | .0861774 |
| #2 | .0119794 | 19.09495 | 1.588682 | .0040908 | .6914385 | .0856882 |
| #3 | .0118240 | 19.08059 | 1.587957 | .0032758 | .6908291 | .0854343 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .4065141 |
| Stddev | .0005223 |
| %RSD   | .1284869 |

|    |          |
|----|----------|
| #1 | .4069187 |
| #2 | .4066991 |
| #3 | .4059245 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 892.3236 | 1497.623 | 26957.65 | 11252.54 | 1108.450 |
| Stddev    | 2.8069   | 2.476    | 34.37    | 27.47    | 2.427    |
| %RSD      | .3145568 | .1653510 | .1274898 | .2441105 | .2189958 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 892.8063 | 1499.815 | 26941.86 | 11282.05 | 1106.852 |
| #2 | 889.3067 | 1498.118 | 26934.02 | 11247.86 | 1107.255 |
| #3 | 894.8578 | 1494.937 | 26997.08 | 11227.72 | 1111.243 |

Sample Name: CCV046      Acquired: 11/05/2020 18:37:54      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV046      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.165374 | 4.985515 | 25.28136 | 5.045546 | 5.201005 | 407.5977 | 10.12059 |
| Stddev | .027836  | .017323  | .07981   | .004726  | .006021  | 2.0110   | .15560   |
| %RSD   | .5389057 | .3474604 | .3156913 | .0936760 | .1157579 | .4933899 | 1.537433 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.140827 | 4.974678 | 25.23531 | 5.041235 | 5.204380 | 409.7602 | 10.29366 |
| #2 | 5.195619 | 4.976373 | 25.23526 | 5.044802 | 5.194054 | 405.7837 | 9.99227  |
| #3 | 5.159676 | 5.005493 | 25.37352 | 5.050600 | 5.204581 | 407.2491 | 10.07584 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5111005 | 2.556439 | 402.0259 | 15.63679 | 2.562537 | 15.38534 | 417.0958 |
| Stddev | .0043449 | .010706  | .1935    | .02071   | .008640  | .02280   | 2.7526   |
| %RSD   | .8501003 | .4188019 | .0481380 | .1324136 | .3371645 | .1482231 | .6599483 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5161094 | 2.548531 | 401.8666 | 15.63611 | 2.556176 | 15.39066 | 420.2311 |
| #2 | .5083501 | 2.552163 | 402.2412 | 15.65783 | 2.559062 | 15.36035 | 415.0761 |
| #3 | .5088418 | 2.568623 | 401.9698 | 15.61644 | 2.572373 | 15.40501 | 415.9803 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.93819 | 412.1634 | 2.557366 | 1.298121 | 406.7259 | 2.559945 | 15.20353 |
| Stddev | .02814   | 2.7298   | .005168  | .007909  | 2.2917   | .012343  | .07312   |
| %RSD   | .1883483 | .6623131 | .2020864 | .6092841 | .5634501 | .4821550 | .4809097 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.90573 | 415.2967 | 2.554711 | 1.289199 | 409.3693 | 2.573483 | 15.14043 |
| #2 | 14.95332 | 410.2991 | 2.554065 | 1.304272 | 405.2989 | 2.549318 | 15.18650 |
| #3 | 14.95553 | 410.8943 | 2.563322 | 1.300893 | 405.5095 | 2.557035 | 15.28365 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 158.5424 | 5.188940 | 5.034161 | 5.112861 | 4.932200 | 5.076660 | 5.206049 |
| Stddev | .2246    | .031875  | .027463  | .008796  | .018151  | .035186  | .018243  |
| %RSD   | .1416485 | .6142928 | .5455270 | .1720366 | .3680162 | .6930985 | .3504275 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 158.7749 | 5.158190 | 5.063398 | 5.105017 | 4.918817 | 5.116310 | 5.188325 |
| #2 | 158.5255 | 5.186798 | 5.008908 | 5.111195 | 4.924922 | 5.064516 | 5.205051 |
| #3 | 158.3267 | 5.221833 | 5.030177 | 5.122370 | 4.952861 | 5.049154 | 5.224771 |

Sample Name: CCV046      Acquired: 11/05/2020 18:37:54      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCV046      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.089354 | 5.184821 | 5.139986 |
| Stddev | .011520  | .003768  | .027513  |
| %RSD   | .2263578 | .0726669 | .5352774 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.101023 | 5.188414 | 5.164682 |
| #2 | 5.077989 | 5.180900 | 5.144947 |
| #3 | 5.089048 | 5.185148 | 5.110330 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 769.0543 | 1336.288 | 24733.66 | 10302.76 | 1114.376 |
| Stddev    | 1.1276   | 3.465    | 73.15    | 67.19    | 2.106    |
| %RSD      | .1466220 | .2592794 | .2957386 | .6521991 | .1890169 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 769.5488 | 1338.333 | 24649.89 | 10225.48 | 1115.865 |
| #2 | 769.8502 | 1332.287 | 24766.25 | 10335.52 | 1115.297 |
| #3 | 767.7640 | 1338.243 | 24784.86 | 10347.30 | 1111.966 |

Sample Name: CCB046      Acquired: 11/05/2020 18:42:09      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB046      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037170 | -.002521 | .0004845 | .0002909 | -.000285 | .0122351 | .0021123 |
| Stddev | .0040014 | .003285  | .0006397 | .0033015 | .000746  | .0013678 | .0002269 |
| %RSD   | 107.6504 | 130.3110 | 132.0186 | 1135.049 | 261.9862 | 11.17961 | 10.74408 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000885 | -.001461 | .0003305 | .0004065 | .000389  | .0109983 | .0019512 |
| #2 | .005661  | -.006204 | -.000064 | .0035330 | -.001087 | .0120029 | .0020139 |
| #3 | .006375  | .000104  | .001187  | -.003067 | -.000156 | .0137042 | .0023718 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000341 | -.000011 | .0160309 | -.000062 | .0001696 | .0029368 | .0117560 |
| Stddev | .0000325 | .000013  | .0082357 | .000480  | .0001576 | .0010053 | .0036814 |
| %RSD   | 95.30390 | 121.8329 | 51.37389 | 770.5296 | 92.95646 | 34.23186 | 31.31539 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000389 | -.000001 | .0185568 | .000441  | .0003482 | .0020639 | .0136103 |
| #2 | -.000000 | -.000006 | .0227079 | -.000514 | .0000498 | .0040360 | .0075161 |
| #3 | .000064  | -.000025 | .0068281 | -.000113 | .0001108 | .0027107 | .0141416 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002956 | -.011633 | .0000592 | .0004916 | .0428922 | -.000302 | -.036877 |
| Stddev | .0003303 | .007254  | .0003286 | .0002278 | .1759898 | .001571  | .000722  |
| %RSD   | 111.7370 | 62.35715 | 555.6511 | 46.33725 | 410.3070 | 520.9916 | 1.956598 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003286 | -.005926 | .0002375 | .0007470 | -.145093 | -.000946 | -.037265 |
| #2 | -.000050 | -.009177 | .0002601 | .0003095 | .070038  | .001489  | -.037321 |
| #3 | .000608  | -.019796 | -.000320 | .0004183 | .203732  | -.001448 | -.036044 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.028154 | -.001042 | .0086604 | .0006327 | -.011499 | .0099150 | -.001294 |
| Stddev | .025143  | .003435  | .0010728 | .0003735 | .003511  | .0016965 | .000496  |
| %RSD   | 89.30319 | 329.6490 | 12.38730 | 59.03743 | 30.53650 | 17.11055 | 38.34067 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.032584 | -.000781 | .0095428 | .0009476 | -.015535 | .0086034 | -.001342 |
| #2 | -.001091 | .002255  | .0089721 | .0007306 | -.009808 | .0118310 | -.000775 |
| #3 | -.050788 | -.004600 | .0074663 | .0002200 | -.009152 | .0093108 | -.001764 |

Sample Name: CCB046      Acquired: 11/05/2020 18:42:09      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB046      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0005866 | .0029755 | .0001283 |
| Stddev | .0000789 | .0004220 | .0000819 |
| %RSD   | 13.44571 | 14.18219 | 63.83765 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0005602 | .0030041 | .0002199 |
| #2 | .0005243 | .0033824 | .0000620 |
| #3 | .0006753 | .0025399 | .0001030 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 930.1329 | 1583.348 | 26942.95 | 10771.45 | 1402.335 |
| Stddev    | 6.2729   | 3.563    | 87.31    | 45.99    | 3.281    |
| %RSD      | .6744075 | .2250173 | .3240655 | .4269173 | .2339890 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 934.1608 | 1586.523 | 26897.87 | 10808.32 | 1399.370 |
| #2 | 922.9054 | 1584.025 | 26887.39 | 10719.92 | 1405.860 |
| #3 | 933.3325 | 1579.495 | 27043.59 | 10786.12 | 1401.775 |

Sample Name: L4582-19      Acquired: 11/05/2020 18:46:19      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4524      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0455131 | .0110034 | .0590435 | .0027374 | .0031904 | 14.93496 |
| Stddev | .0026932 | .0069420 | .0011726 | .0015829 | .0031495 | .05964   |
| %RSD   | 5.917463 | 63.08999 | 1.985975 | 57.82699 | 98.71727 | .3993134 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0457938 | .0031555 | .0585738 | .0016632 | .0045478 | 15.00012 |
| #2 | .0480550 | .0135132 | .0603782 | .0045552 | .0054336 | 14.92167 |
| #3 | .0426906 | .0163414 | .0581786 | .0019937 | -.000410 | 14.88309 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0848214 | .0016958 | .0036830 | F 1073.152 | .0525905 | .0265104 |
| Stddev | .0000901 | .0000409 | .0001866 | 8.354      | .0000390 | .0003162 |
| %RSD   | .1062191 | 2.413813 | 5.067285 | .7784197   | .0742035 | 1.192811 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0848411 | .0016486 | .0037657 | 1081.147 | .0526343 | .0266797 |
| #2 | .0849000 | .0017208 | .0034693 | 1073.829 | .0525595 | .0267059 |
| #3 | .0847231 | .0017181 | .0038139 | 1064.481 | .0525776 | .0261455 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0584372 | 83.79799 | 5.440956 | 572.7608 | .0596511 | .0027667 |
| Stddev | .0028288 | .60783   | .028878  | 3.4033   | .0010031 | .0003424 |
| %RSD   | 4.840719 | .7253493 | .5307456 | .5941947 | 1.681633 | 12.37412 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0555269 | 84.20657 | 5.468416 | 574.9451 | .0598344 | .0023734 |
| #2 | .0586081 | 84.08792 | 5.443607 | 574.4977 | .0585689 | .0029978 |
| #3 | .0611767 | 83.09948 | 5.410844 | 568.8395 | .0605499 | .0029289 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.195823 | .0867560 | 2.573734 | 1.804717 | 2.709272 | .0283815 |
| Stddev | .029198  | .0023409 | .022192  | .008807  | .007700  | .0009558 |
| %RSD   | 2.441690 | 2.698279 | .8622437 | .4880230 | .2842065 | 3.367529 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.162142 | .0868416 | 2.580263 | 1.795397 | 2.717411 | .0279724 |
| #2 | 1.213980 | .0890529 | 2.591929 | 1.812902 | 2.708299 | .0294737 |
| #3 | 1.211346 | .0843734 | 2.549010 | 1.805851 | 2.702104 | .0276983 |

Sample Name: L4582-19      Acquired: 11/05/2020 18:46:19      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4524      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044626 | 11.91555 | 1.617369 | .0047681 | .8268002 | .0689961 |
| Stddev | .0005447 | .02144   | .014015  | .0038788 | .0061843 | .0006141 |
| %RSD   | 12.20598 | .1799550 | .8665019 | 81.34971 | .7479753 | .8900870 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0041979 | 11.93806 | 1.633403 | .0014726 | .8304027 | .0693486 |
| #2 | .0050890 | 11.89537 | 1.611242 | .0090427 | .8303386 | .0693526 |
| #3 | .0041008 | 11.91321 | 1.607461 | .0037891 | .8196594 | .0682869 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3110937 |
| Stddev | .0012430 |
| %RSD   | .3995606 |

|    |          |
|----|----------|
| #1 | .3123855 |
| #2 | .3109896 |
| #3 | .3099061 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 876.7520 | 1475.537 | 26388.35 | 10831.94 | 1126.711 |
| Stddev    | 3.5240   | 2.549    | 76.92    | 71.16    | 3.026    |
| %RSD      | .4019417 | .1727177 | .2914785 | .6569784 | .2686033 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 879.9732 | 1472.670 | 26444.29 | 10785.19 | 1123.238 |
| #2 | 872.9881 | 1477.547 | 26300.63 | 10796.78 | 1128.782 |
| #3 | 877.2948 | 1476.392 | 26420.11 | 10913.84 | 1128.113 |

Sample Name: L4582-20      Acquired: 11/05/2020 18:50:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4525      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0417001 | .0012973 | .0483166 | .0047913 | .0022064 | 16.17061 |
| Stddev | .0110736 | .0026763 | .0006765 | .0012287 | .0018932 | .02780   |
| %RSD   | 26.55519 | 206.2949 | 1.400093 | 25.64428 | 85.80748 | .1719174 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0344752 | .0004379 | .0484486 | .0058124 | .0028142 | 16.15694 |
| #2 | .0361761 | -.000844 | .0475838 | .0051337 | .0037211 | 16.20260 |
| #3 | .0544490 | .004298  | .0489173 | .0034277 | .0000839 | 16.15229 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1040835 | .0014691 | .0012936 | F 1238.307 | .0510882 | .0291635 |
| Stddev | .0010477 | .0000258 | .0001859 | 14.273     | .0004308 | .0000918 |
| %RSD   | 1.006593 | 1.756034 | 14.37073 | 1.152631   | .8433381 | .3147386 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1042190 | .0014929 | .0011426 | 1237.515 | .0515799 | .0292045 |
| #2 | .1029746 | .0014726 | .0015013 | 1224.447 | .0507770 | .0290584 |
| #3 | .1050568 | .0014417 | .0012370 | 1252.960 | .0509077 | .0292276 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0981113 | 71.17808 | 4.626285 | 664.5743 | .0637392 | .0024855 |
| Stddev | .0007675 | .12064   | .022530  | 1.2165   | .0010067 | .0001791 |
| %RSD   | .7823073 | .1694925 | .4870067 | .1830438 | 1.579350 | 7.206535 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0986589 | 71.09268 | 4.629081 | 663.4588 | .0628434 | .0023557 |
| #2 | .0972340 | 71.31609 | 4.602487 | 665.8713 | .0635458 | .0024110 |
| #3 | .0984409 | 71.12547 | 4.647287 | 664.3927 | .0648286 | .0026899 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.831700 | .0793604 | .2761678 | 1.714848 | 2.160909 | .0182565 |
| Stddev | .117788  | .0022278 | .0046160 | .062286  | .020215  | .0008792 |
| %RSD   | 6.430530 | 2.807129 | 1.671463 | 3.632165 | .9354838 | 4.816002 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.946727 | .0784322 | .2708382 | 1.745235 | 2.141083 | .0175640 |
| #2 | 1.711333 | .0819021 | .2788953 | 1.643201 | 2.160151 | .0179599 |
| #3 | 1.837039 | .0777468 | .2787700 | 1.756109 | 2.181492 | .0192457 |

Sample Name: L4582-20      Acquired: 11/05/2020 18:50:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4525      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040653 | 10.81072 | 1.641157 | -.002126 | .6528132 | .0774205 |
| Stddev | .0003046 | .05631   | .009157  | .001454  | .0010677 | .0014134 |
| %RSD   | 7.491602 | .5208624 | .5579581 | 68.40427 | .1635457 | 1.825676 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0039806 | 10.75888 | 1.641811 | -.002612 | .6518679 | .0789786 |
| #2 | .0044033 | 10.80266 | 1.649969 | -.000491 | .6539712 | .0770621 |
| #3 | .0038121 | 10.87063 | 1.631690 | -.003274 | .6526004 | .0762207 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3672476 |
| Stddev | .0004504 |
| %RSD   | .1226485 |

|    |          |
|----|----------|
| #1 | .3677112 |
| #2 | .3668116 |
| #3 | .3672200 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 869.1837 | 1457.687 | 26256.76 | 10823.84 | 1110.662 |
| Stddev    | 6.8188   | 3.305    | 52.39    | 48.61    | 3.654    |
| %RSD      | .7845055 | .2267079 | .1995484 | .4491026 | .3289792 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 875.3032 | 1460.152 | 26270.08 | 10816.95 | 1114.844 |
| #2 | 870.4147 | 1453.931 | 26301.21 | 10875.52 | 1109.057 |
| #3 | 861.8333 | 1458.976 | 26198.99 | 10779.04 | 1108.086 |

Sample Name: L4582-21      Acquired: 11/05/2020 18:54:40      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ME4526      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0268202 | .0068980 | .0870081 | .0016809 | .0002508 | 20.16465 | .1079380 |
| Stddev | .0076802 | .0005760 | .0037694 | .0043378 | .0017574 | .01407   | .0004520 |
| %RSD   | 28.63597 | 8.349900 | 4.332195 | 258.0645 | 700.8452 | .0698003 | .4187284 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0352377 | .0067364 | .0831117 | .0004347 | .0003853 | 20.16158 | .1075841 |
| #2 | .0250290 | .0075376 | .0872764 | -.001897 | -.001570 | 20.18000 | .1077829 |
| #3 | .0201938 | .0064201 | .0906361 | .006505  | .001937  | 20.15236 | .1084472 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017149 | .0014190 | 490.5876 | .0705457 | .0306937 | .0750602 | 68.54369 |
| Stddev | .0000795 | .0002098 | .3779    | .0004525 | .0001206 | .0014207 | .18367   |
| %RSD   | 4.637416 | 14.78320 | .0770199 | .6413614 | .3929611 | 1.892696 | .2679566 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017184 | .0015262 | 490.2120 | .0710631 | .0308259 | .0766631 | 68.36888 |
| #2 | .0017925 | .0011773 | 490.9676 | .0703494 | .0306657 | .0739567 | 68.73509 |
| #3 | .0016336 | .0015536 | 490.5831 | .0702246 | .0305896 | .0745606 | 68.52710 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.247881 | 218.4641 | .0697509 | .0025645 | 1.025380 | .0996150 | .4096565 |
| Stddev | .003158  | .3855    | .0007451 | .0005426 | .139276  | .0024970 | .0046087 |
| %RSD   | .1404797 | .1764472 | 1.068283 | 21.15936 | 13.58285 | 2.506654 | 1.125016 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.251521 | 218.0482 | .0689044 | .0030493 | .960307  | .1020282 | .4056759 |
| #2 | 2.245883 | 218.8094 | .0703073 | .0026660 | .930551  | .0997750 | .4085880 |
| #3 | 2.246238 | 218.5347 | .0700411 | .0019783 | 1.185282 | .0970419 | .4147056 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.257644 | 2.025942 | .0140915 | .0064653 | 8.712636 | 1.997483 | .0195610 |
| Stddev | .030124  | .012941  | .0007292 | .0001898 | .059508  | .003991  | .0015954 |
| %RSD   | 1.334293 | .6387490 | 5.174967 | 2.935368 | .6830137 | .1998011 | 8.155833 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.234137 | 2.039791 | .0137702 | .0066803 | 8.761567 | 1.996257 | .0203473 |
| #2 | 2.247194 | 2.014158 | .0149262 | .0063210 | 8.646390 | 1.994249 | .0206107 |
| #3 | 2.291601 | 2.023877 | .0135781 | .0063946 | 8.729950 | 2.001943 | .0177251 |

Sample Name: L4582-21      Acquired: 11/05/2020 18:54:40      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ME4526      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.027632 | .0575265 | .2046518 |
| Stddev | .008034  | .0004748 | .0000699 |
| %RSD   | .7817577 | .8253584 | .0341482 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.022442 | .0579524 | .2047263 |
| #2 | 1.036885 | .0576125 | .2046413 |
| #3 | 1.023568 | .0570145 | .2045877 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 900.5897 | 1534.694 | 26931.32 | 10935.69 | 1232.235 |
| Stddev    | 2.9964   | 3.074    | 109.50   | 24.75    | 3.598    |
| %RSD      | .3327160 | .2002955 | .4065899 | .2263410 | .2919865 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 900.5671 | 1537.948 | 26976.77 | 10962.74 | 1235.973 |
| #2 | 897.6047 | 1531.840 | 26806.41 | 10914.18 | 1228.796 |
| #3 | 903.5974 | 1534.293 | 27010.77 | 10930.15 | 1231.935 |

Sample Name: CCV047      Acquired: 11/05/2020 18:58:51      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV047      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.128834 | 4.979535 | 25.33717 | 4.983370 | 5.163397 | 409.6232 | 10.12263 |
| Stddev | .017247  | .014400  | .08228   | .001358  | .010276  | 3.5958   | .08143   |
| %RSD   | .3362747 | .2891905 | .3247424 | .0272419 | .1990170 | .8778272 | .8044505 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.147613 | 4.972485 | 25.35538 | 4.983252 | 5.172822 | 405.5815 | 10.03136 |
| #2 | 5.113702 | 4.970018 | 25.24731 | 4.982075 | 5.164927 | 410.8202 | 10.18785 |
| #3 | 5.125188 | 4.996102 | 25.40882 | 4.984783 | 5.152442 | 412.4678 | 10.14867 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5183005 | 2.565466 | 404.2472 | 15.69399 | 2.562851 | 15.44303 | 421.2462 |
| Stddev | .0010025 | .007526  | .5119    | .01817   | .009565  | .02562   | 2.1606   |
| %RSD   | .1934214 | .2933425 | .1266356 | .1157729 | .3732366 | .1658832 | .5129052 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5179672 | 2.564056 | 404.5255 | 15.67510 | 2.569098 | 15.45267 | 419.2627 |
| #2 | .5175070 | 2.558746 | 403.6564 | 15.69555 | 2.551839 | 15.41399 | 420.9276 |
| #3 | .5194272 | 2.573598 | 404.5596 | 15.71133 | 2.567616 | 15.46243 | 423.5485 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.00927 | 416.8346 | 2.557344 | 1.292152 | 408.6484 | 2.573234 | 15.16230 |
| Stddev | .03591   | 2.3175   | .007824  | .002991  | 1.3260   | .004155  | .04966   |
| %RSD   | .2392418 | .5559729 | .3059566 | .2314938 | .3244878 | .1614581 | .3275271 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.05036 | 414.7478 | 2.556107 | 1.293544 | 407.1180 | 2.576610 | 15.18912 |
| #2 | 14.99353 | 416.4273 | 2.550211 | 1.294194 | 409.3725 | 2.568594 | 15.10499 |
| #3 | 14.98393 | 419.3288 | 2.565713 | 1.288719 | 409.4546 | 2.574497 | 15.19278 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 159.3401 | 5.165885 | 5.103629 | 5.099878 | 4.901620 | 5.145936 | 5.209809 |
| Stddev | .2675    | .012449  | .020269  | .005279  | .007341  | .010316  | .014383  |
| %RSD   | .1679064 | .2409779 | .3971400 | .1035162 | .1497575 | .2004607 | .2760743 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 159.0822 | 5.162236 | 5.086971 | 5.094623 | 4.907469 | 5.134500 | 5.218796 |
| #2 | 159.3217 | 5.155668 | 5.097721 | 5.099832 | 4.893382 | 5.148766 | 5.193220 |
| #3 | 159.6163 | 5.179750 | 5.126195 | 5.105181 | 4.904007 | 5.154541 | 5.217410 |

Sample Name: CCV047      Acquired: 11/05/2020 18:58:51      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV047      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.117927 | 5.193733 | 5.117082 |
| Stddev | .006678  | .005476  | .016730  |
| %RSD   | .1304781 | .1054261 | .3269439 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.112833 | 5.195665 | 5.108874 |
| #2 | 5.115461 | 5.187553 | 5.106040 |
| #3 | 5.125487 | 5.197980 | 5.136330 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 777.5468 | 1348.517 | 24884.32 | 10263.49 | 1121.477 |
| Stddev    | .9396    | 1.515    | 15.31    | 26.66    | 2.734    |
| %RSD      | .1208398 | .1123436 | .0615438 | .2597770 | .2438108 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 778.2826 | 1346.998 | 24893.84 | 10287.71 | 1119.747 |
| #2 | 777.8694 | 1348.524 | 24892.47 | 10267.83 | 1124.629 |
| #3 | 776.4884 | 1350.028 | 24866.66 | 10234.92 | 1120.055 |

Sample Name: CCB047      Acquired: 11/05/2020 19:03:06      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB047      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000184 | .0013961 | .0012223 | -.002103 | -.002446 | .0120840 | .0026557 |
| Stddev | .003522  | .0051506 | .0002052 | .005427  | .001044  | .0086513 | .0010016 |
| %RSD   | 1915.254 | 368.9382 | 16.78681 | 258.0841 | 42.68264 | 71.59314 | 37.71677 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002639 | -.002016 | .0010113 | -.003706 | -.001523 | .0201964 | .0016430 |
| #2 | -.001763 | -.001116 | .0014211 | .003945  | -.002237 | .0029793 | .0036458 |
| #3 | .003851  | .007321  | .0012343 | -.006548 | -.003580 | .0130764 | .0026783 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000288 | -.000012 | .0146925 | .0003402 | -.000005 | .0042455 | .0123850 |
| Stddev | .0000325 | .000051  | .0032632 | .0002221 | .000185  | .0016676 | .0050739 |
| %RSD   | 112.8405 | 441.5753 | 22.21029 | 65.28934 | 3403.103 | 39.27960 | 40.96808 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000004 | -.000060 | .0121292 | .0003070 | .000200  | .0028430 | .0182430 |
| #2 | .000030  | .000042  | .0135822 | .0005770 | -.000159 | .0060894 | .0095374 |
| #3 | .000061  | -.000017 | .0183660 | .0001365 | -.000057 | .0038041 | .0093745 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006230 | -.008909 | -.000001 | .0003982 | -.115575 | .0000840 | -.038494 |
| Stddev | .0001496 | .012310  | .000295  | .0001382 | .289101  | .0028539 | .000659  |
| %RSD   | 24.01434 | 138.1760 | 20308.43 | 34.71442 | 250.1413 | 3398.182 | 1.712448 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004542 | -.022362 | .000331  | .0005252 | .036179  | .0025245 | -.037939 |
| #2 | .0006758 | .001794  | -.000233 | .0004183 | .066050  | .0007815 | -.039223 |
| #3 | .0007391 | -.006159 | -.000102 | .0002510 | -.448954 | -.003054 | -.038321 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.040689 | -.003251 | .0109381 | .0002945 | -.009275 | .0113184 | -.000021 |
| Stddev | .014450  | .005537  | .0004653 | .0002933 | .003028  | .0004072 | .001339  |
| %RSD   | 35.51304 | 170.3455 | 4.253625 | 99.57667 | 32.65151 | 3.597336 | 6306.052 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.045193 | -.001251 | .0113798 | .0006039 | -.007192 | .0108495 | .001229  |
| #2 | -.052351 | .001009  | .0104524 | .0002593 | -.012749 | .0115239 | -.001434 |
| #3 | -.024524 | -.009510 | .0109821 | .0000205 | -.007884 | .0115819 | .000141  |

Sample Name: CCB047      Acquired: 11/05/2020 19:03:06      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1303)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB047      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0000180 | .0037863 | .0001455 |
| Stddev | .0011450 | .0004338 | .0000430 |
| %RSD   | 6364.736 | 11.45772 | 29.52745 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0007801 | .0041544 | .0001339 |
| #2 | -.001299 | .0038964 | .0001095 |
| #3 | .000573  | .0033080 | .0001931 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 928.7969 | 1591.203 | 26903.94 | 10704.81 | 1402.865 |
| Stddev    | 3.2283   | 3.048    | 25.30    | 29.14    | 1.362    |
| %RSD      | .3475816 | .1915692 | .0940320 | .2722171 | .0970991 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 932.0800 | 1594.526 | 26913.08 | 10672.75 | 1403.092 |
| #2 | 925.6263 | 1590.548 | 26875.34 | 10712.00 | 1404.100 |
| #3 | 928.6845 | 1588.536 | 26923.39 | 10729.68 | 1401.404 |