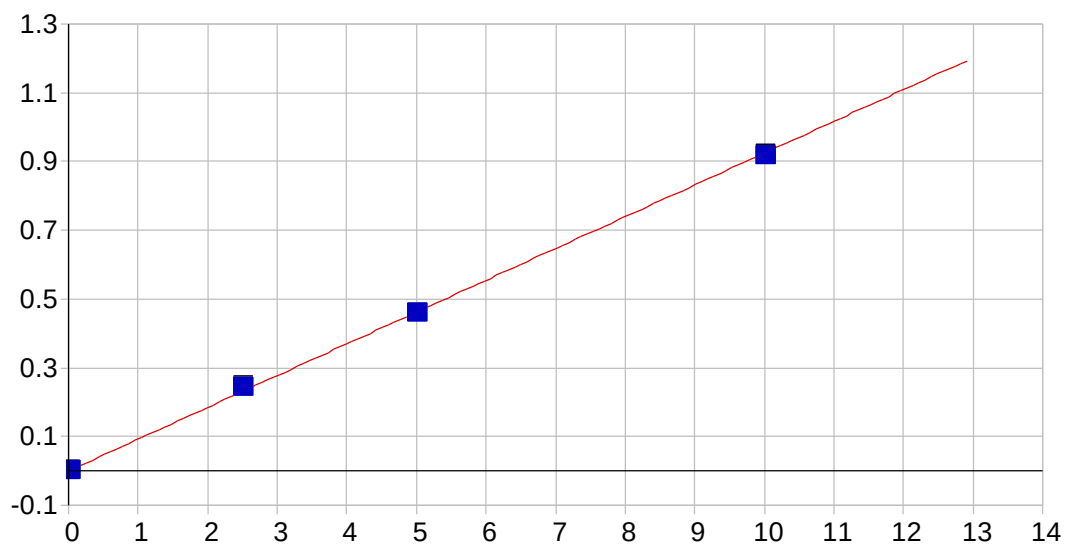




As 189.042 {478}

Date of Fit: 2/6/2018 14:47:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000078

Re-Slope: 1.000000

A1 (Gain): 0.092434

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999747

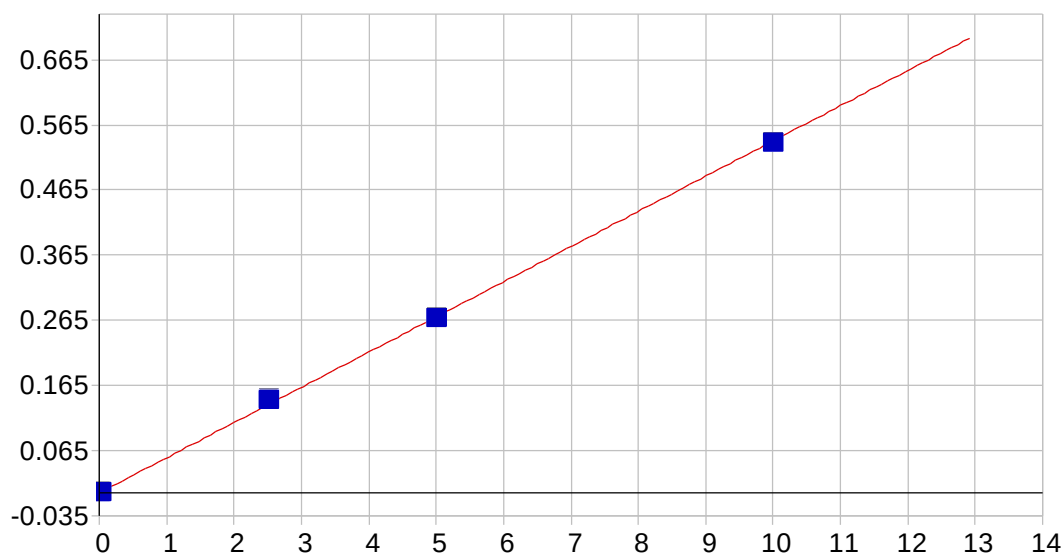
Status: OK.

Std Error of Est: 0.000050

Predicted MDL: 0.003450

Predicted MQL: 0.011500

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00008 | .000    | 1        |
| S1        | .02000       | .02198      | .002       | 9.90    | .00198  | .000    | 1        |
| S3        | 2.5000       | 2.6363      | .136       | 5.45    | .24392  | .001    | 1        |
| S4        | 5.0000       | 4.9518      | -.048      | -.964   | .45828  | .002    | 1        |
| S5        | 10.000       | 9.9099      | -.090      | -.901   | .91722  | .004    | 1        |



As 189.042 {479}

Date of Fit: 2/6/2018 14:47:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000061

Re-Slope: 1.000000

A1 (Gain): 0.054032

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999742

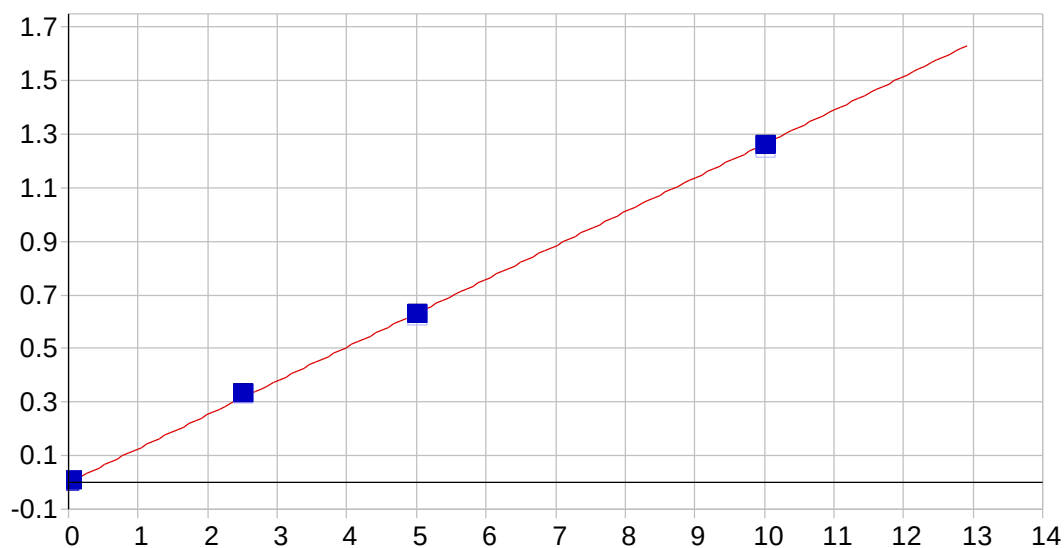
Status: OK.

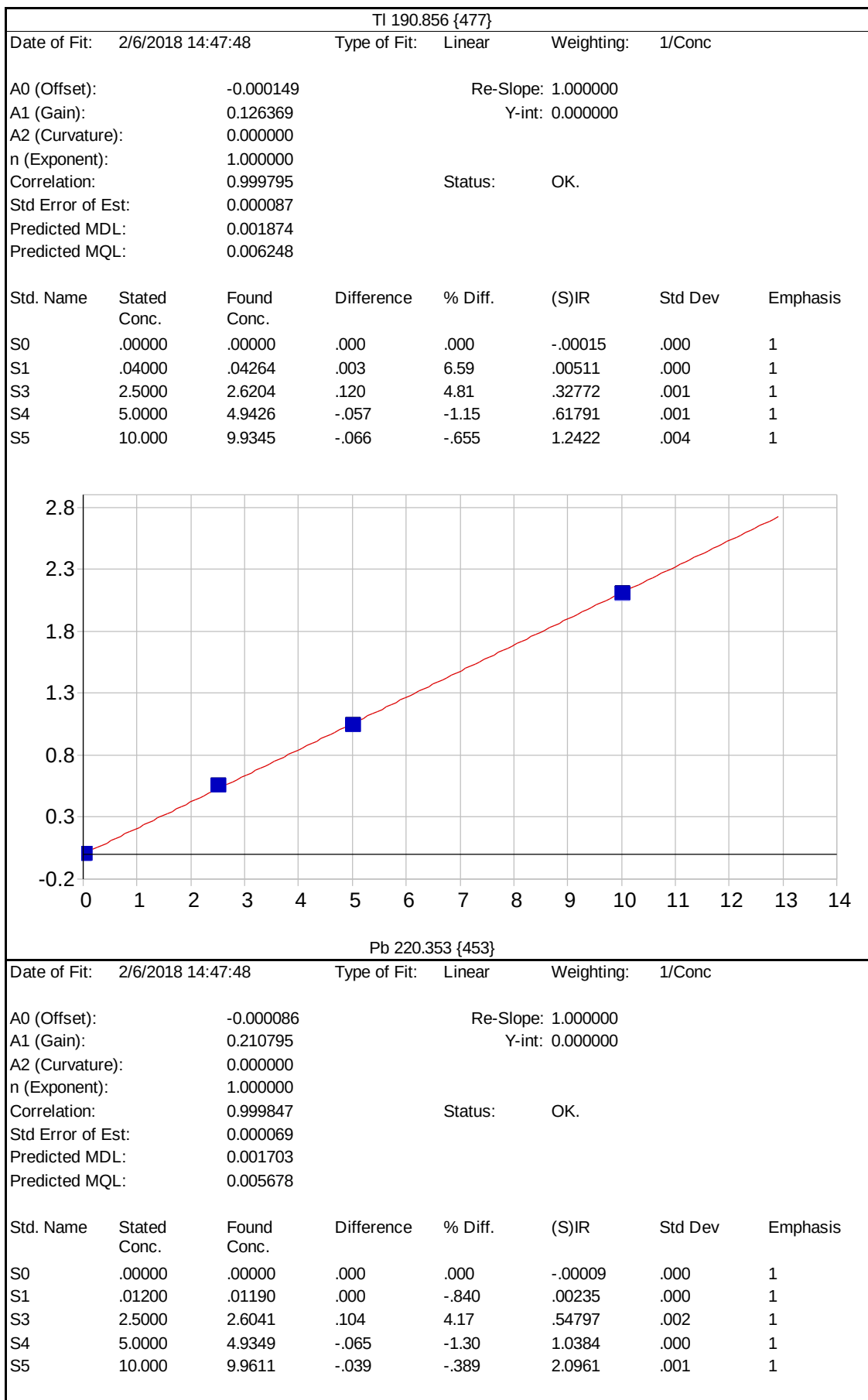
Std Error of Est: 0.000030

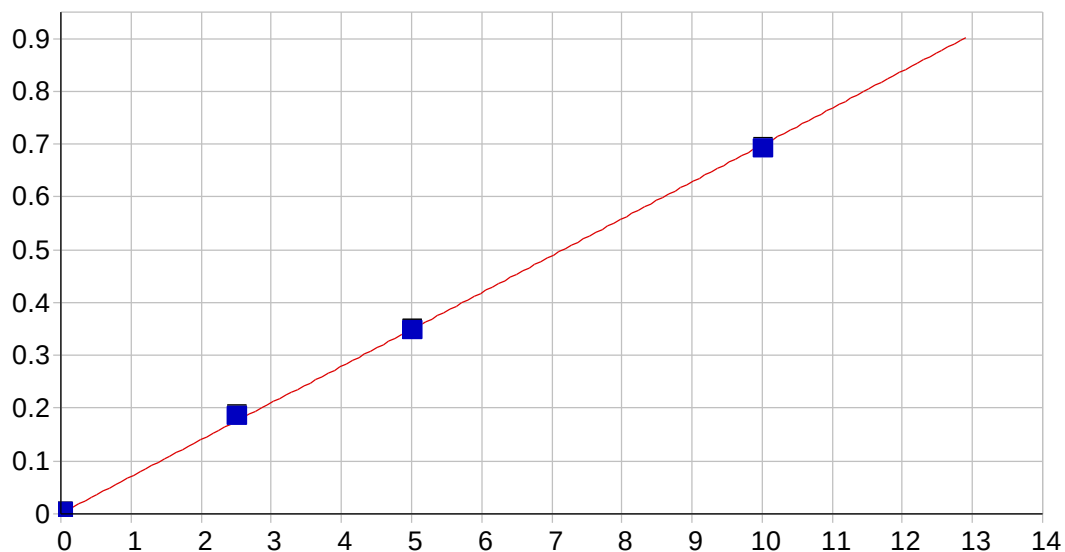
Predicted MDL: 0.003687

Predicted MQL: 0.012291

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00006 | .000    | 1        |
| S1        | .02000       | .02145      | .001       | 7.26    | .00124 | .000    | 1        |
| S3        | 2.5000       | 2.6382      | .138       | 5.53    | .14280 | .001    | 1        |
| S4        | 5.0000       | 4.9457      | -.054      | -1.09   | .26766 | .000    | 1        |
| S5        | 10.000       | 9.9147      | -.085      | -.853   | .53652 | .000    | 1        |







Se 196.090 {472}

Date of Fit: 2/6/2018 14:47:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000395

Re-Slope: 1.000000

A1 (Gain): 0.069786

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999755

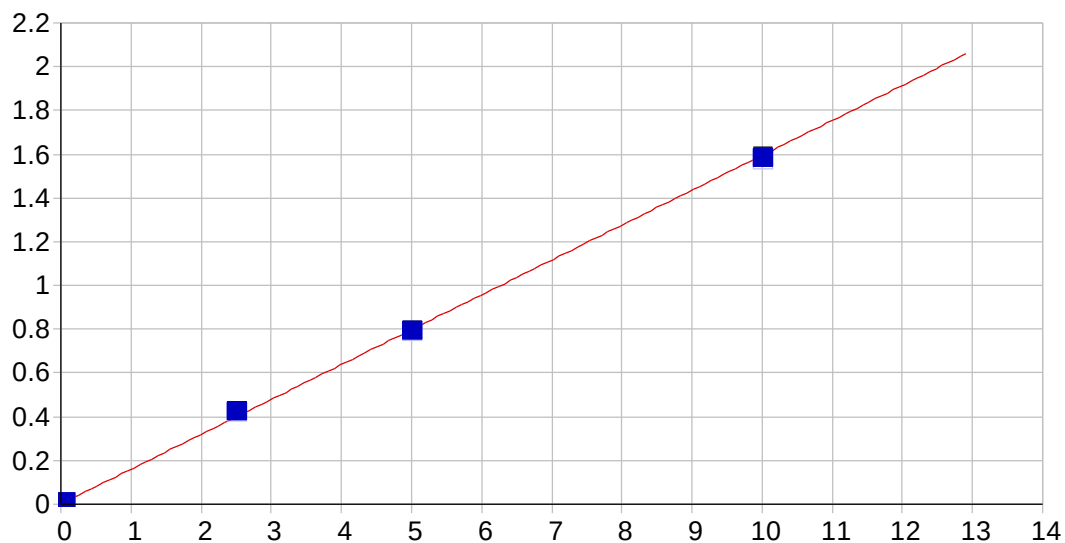
Status: OK.

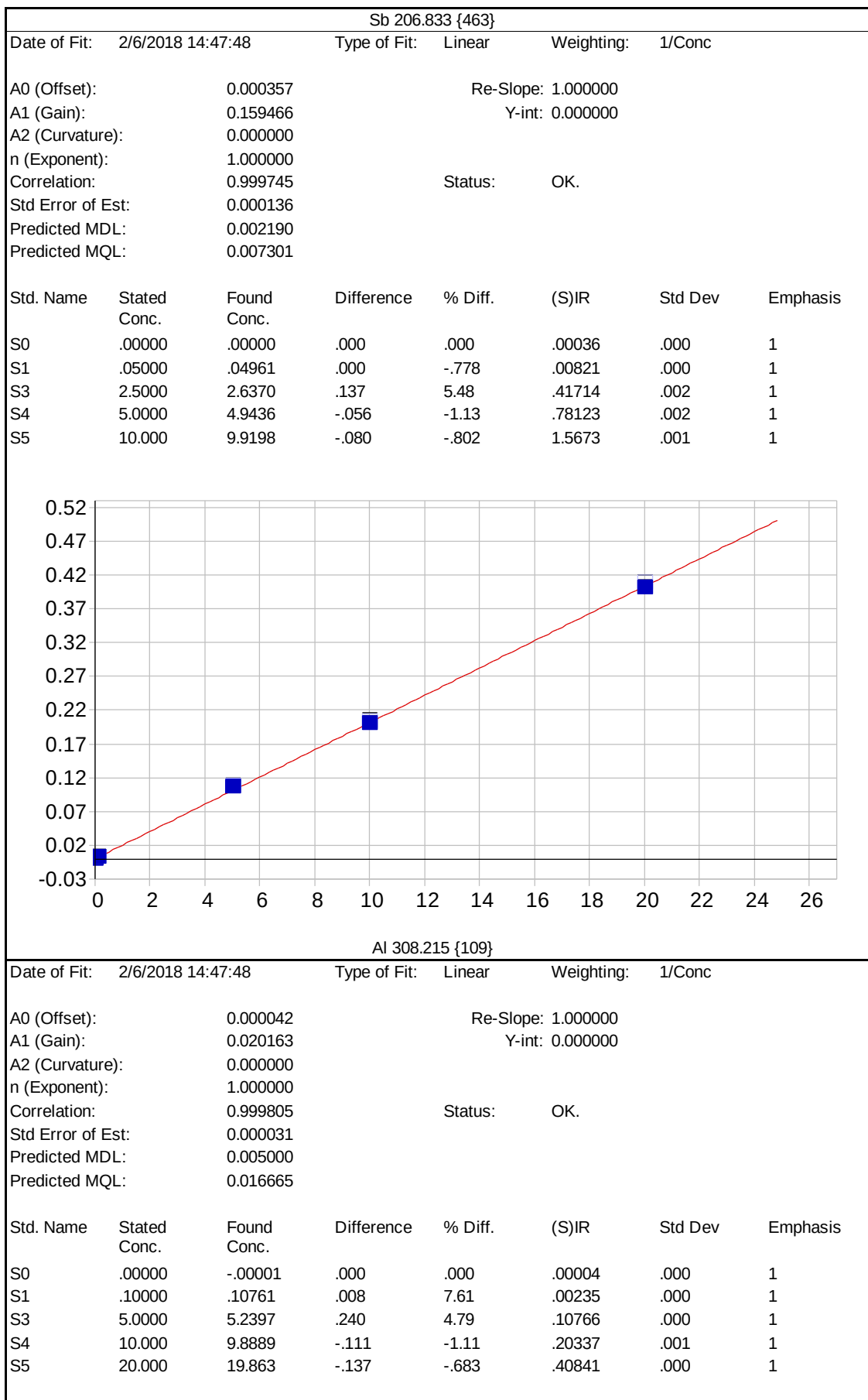
Std Error of Est: 0.000037

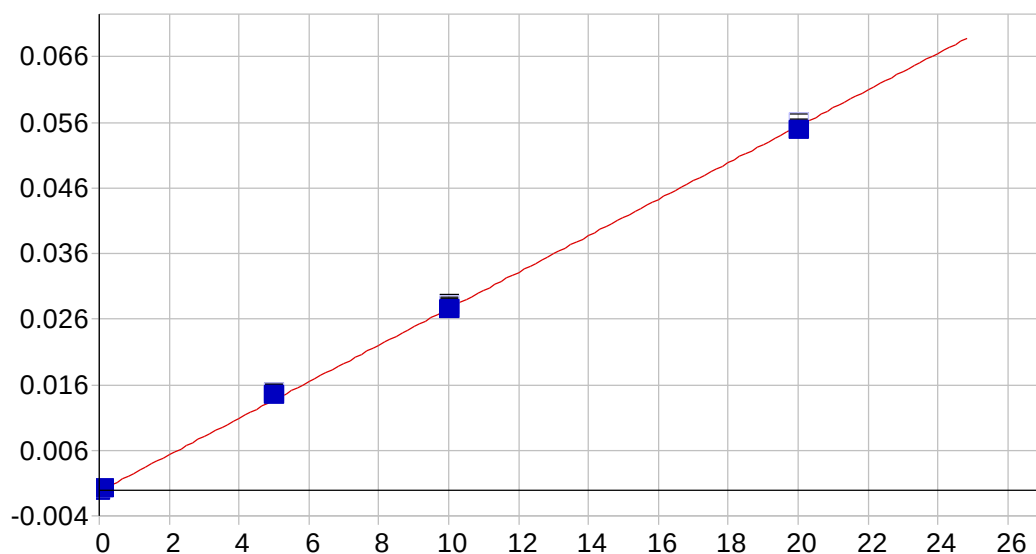
Predicted MDL: 0.004093

Predicted MQL: 0.013644

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00039 | .000    | 1        |
| S1        | .02000       | .01869      | -.001      | -6.53   | .00170 | .000    | 1        |
| S3        | 2.5000       | 2.6346      | .135       | 5.38    | .18435 | .002    | 1        |
| S4        | 5.0000       | 4.9739      | -.026      | -.522   | .34770 | .001    | 1        |
| S5        | 10.000       | 9.8929      | -.107      | -1.07   | .69118 | .001    | 1        |







AI 309.271 {109}

Date of Fit: 2/6/2018 14:47:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000246

Re-Slope: 1.000000

A1 (Gain): 0.002781

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999764

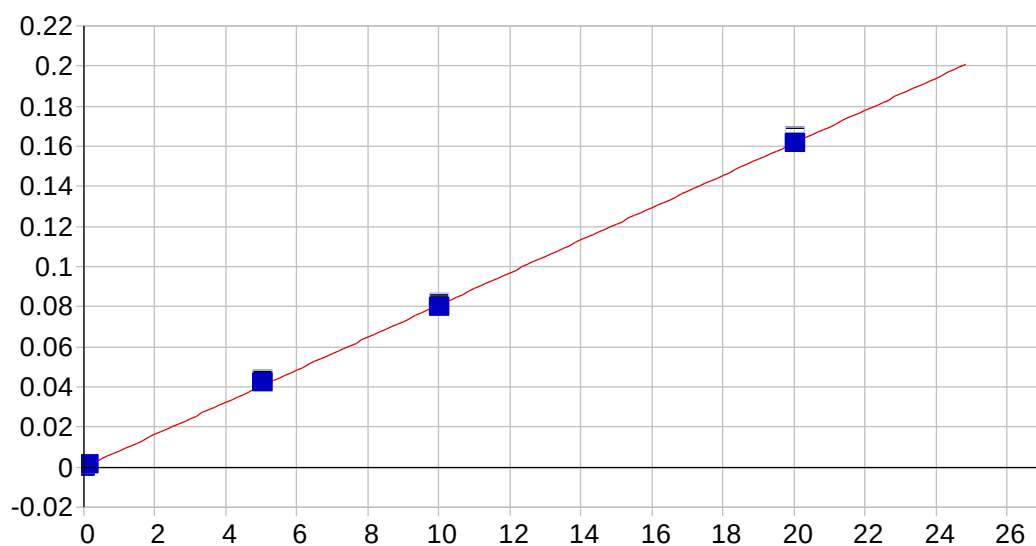
Status: OK.

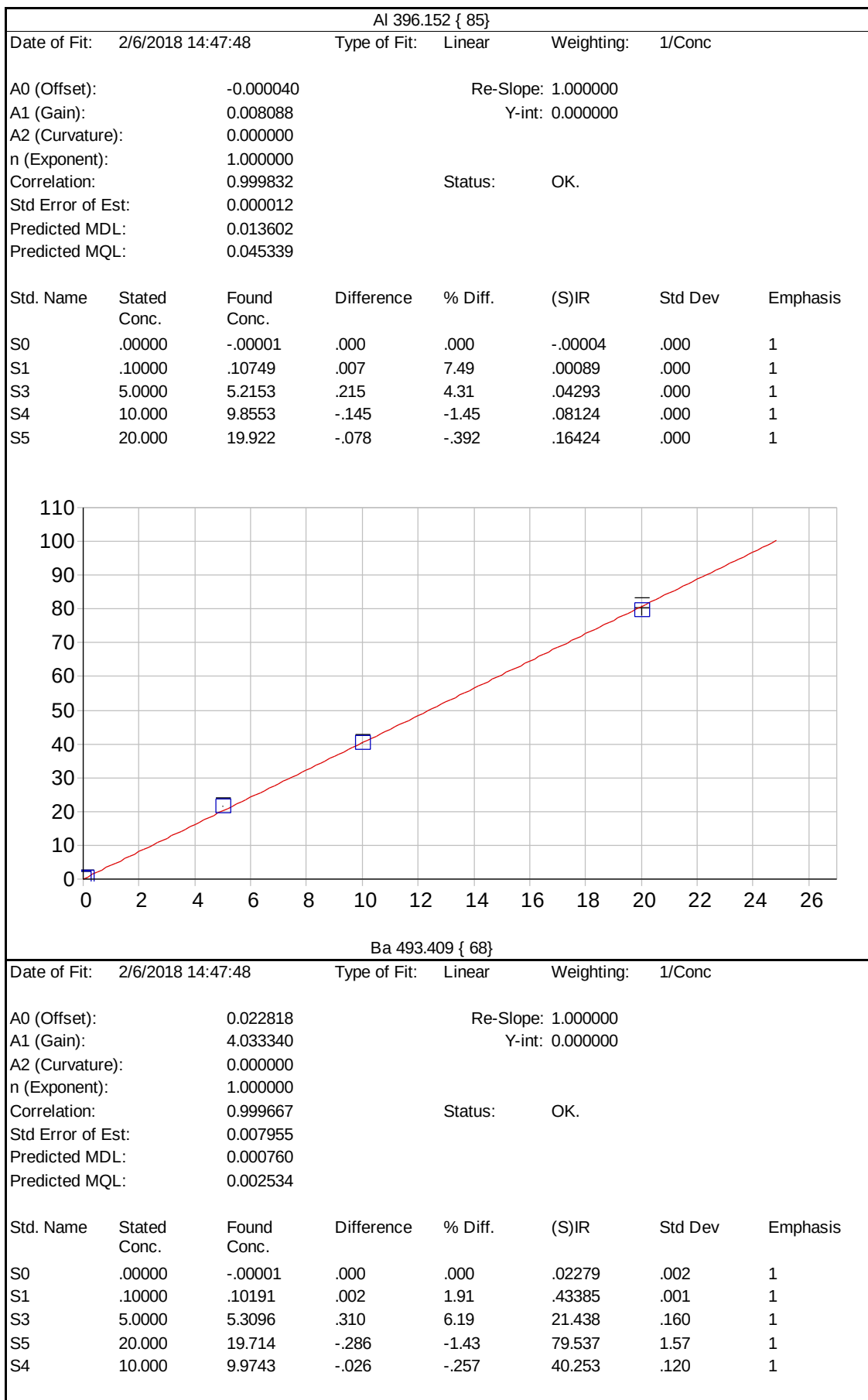
Std Error of Est: 0.000005

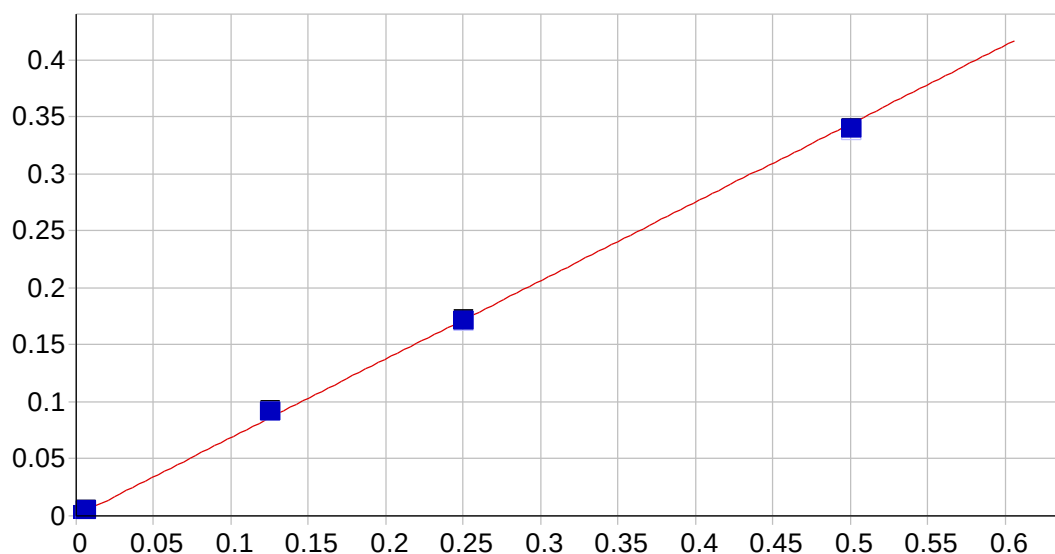
Predicted MDL: 0.026918

Predicted MQL: 0.089728

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00025 | .000    | 1        |
| S1        | .10000       | .09279      | -.007      | -7.21   | .00003  | .000    | 1        |
| S3        | 5.0000       | 5.2672      | .267       | 5.34    | .01468  | .000    | 1        |
| S4        | 10.000       | 9.9473      | -.053      | -.527   | .02796  | .000    | 1        |
| S5        | 20.000       | 19.793      | -.207      | -1.04   | .05589  | .000    | 1        |







Be 234.861 {144}

Date of Fit: 2/6/2018 14:47:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000033

Re-Slope: 1.000000

A1 (Gain): 0.687385

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999611

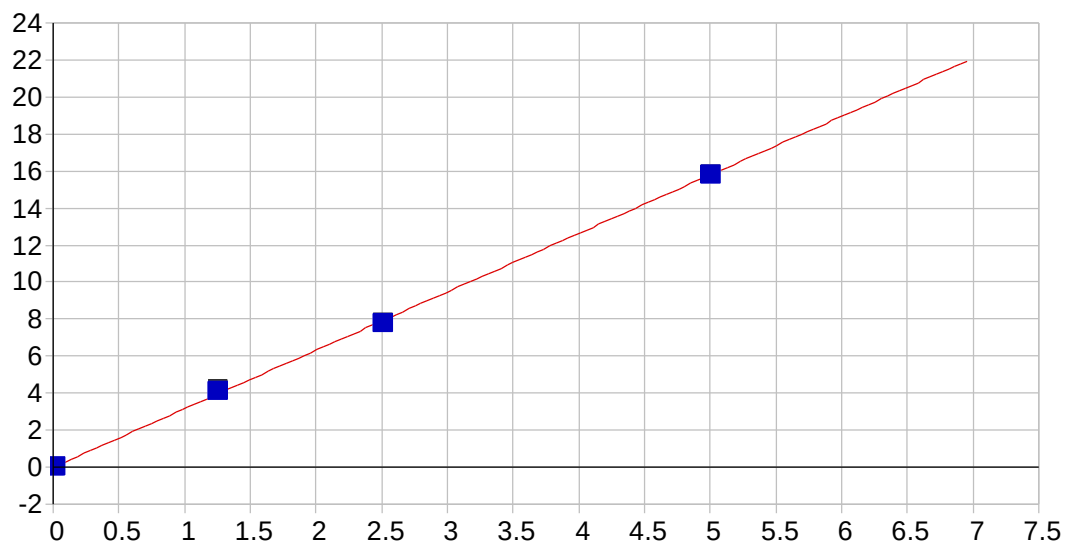
Status: OK.

Std Error of Est: 0.000057

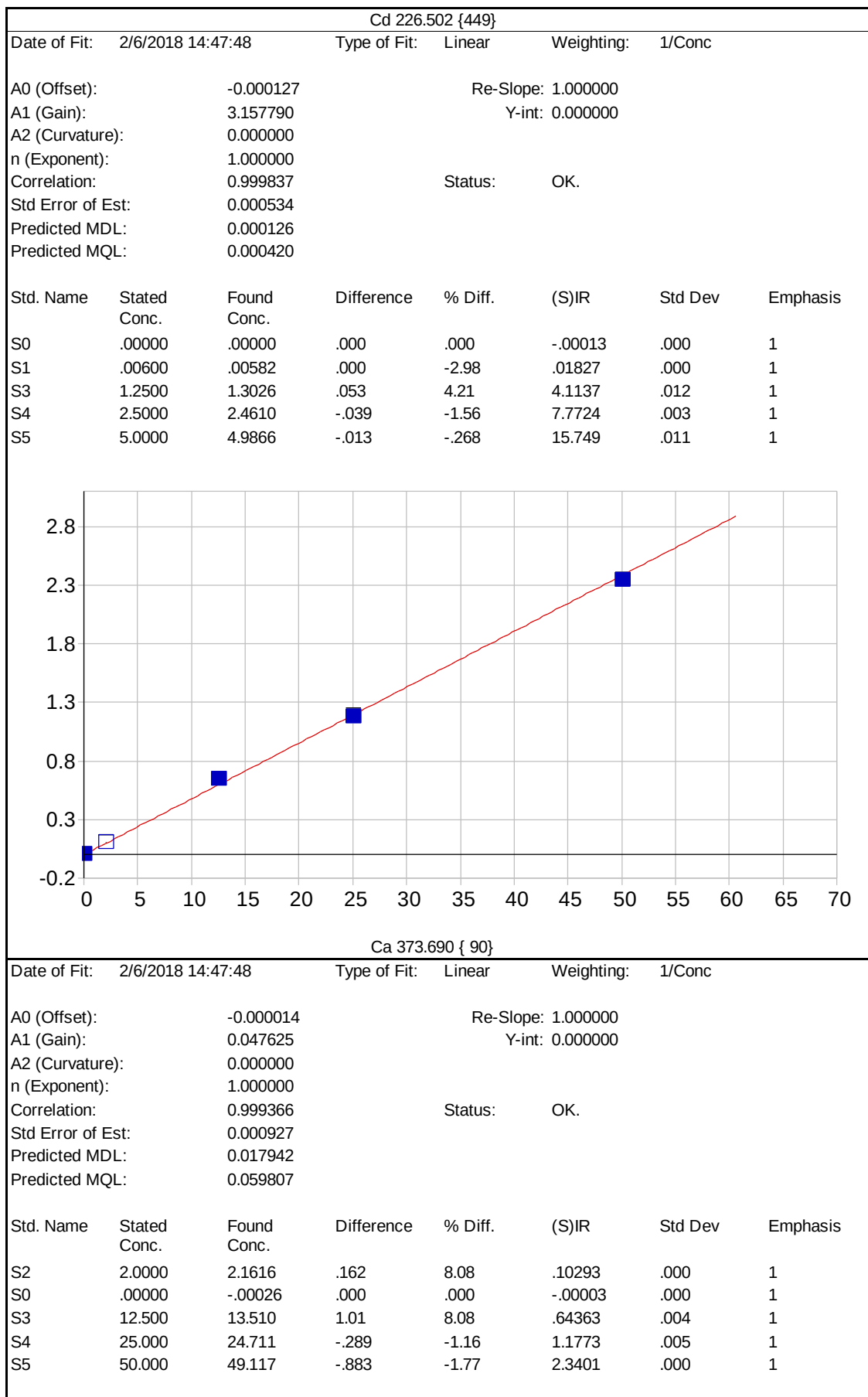
Predicted MDL: 0.000086

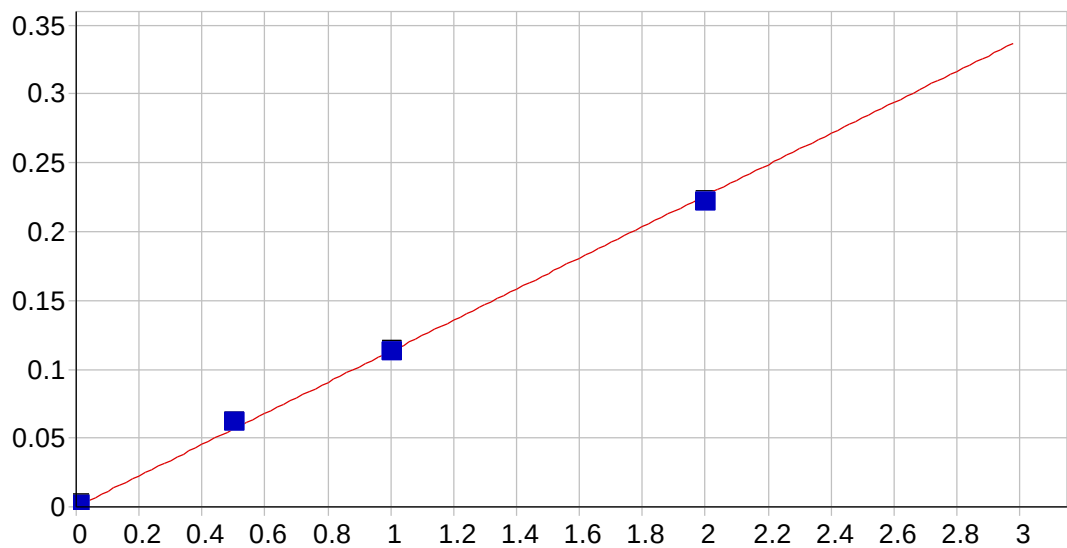
Predicted MQL: 0.000288

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00003 | .000    | 1        |
| S1        | .00600       | .00660      | .001       | 10.1    | .00453 | .000    | 1        |
| S3        | .12500       | .13295      | .008       | 6.36    | .09085 | .000    | 1        |
| S4        | .25000       | .24861      | -.001      | -.558   | .16979 | .001    | 1        |
| S5        | .50000       | .49284      | -.007      | -1.43   | .33655 | .000    | 1        |









Date of Fit: 2/6/2018 14:47:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000035

Re-Slope: 1.000000

A1 (Gain): 0.113055

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999340

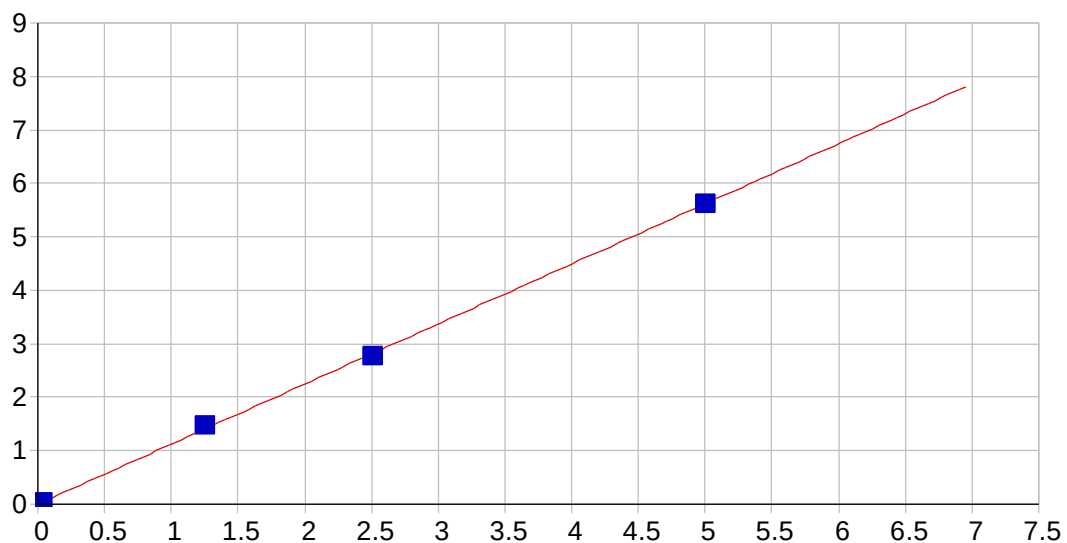
Status: OK.

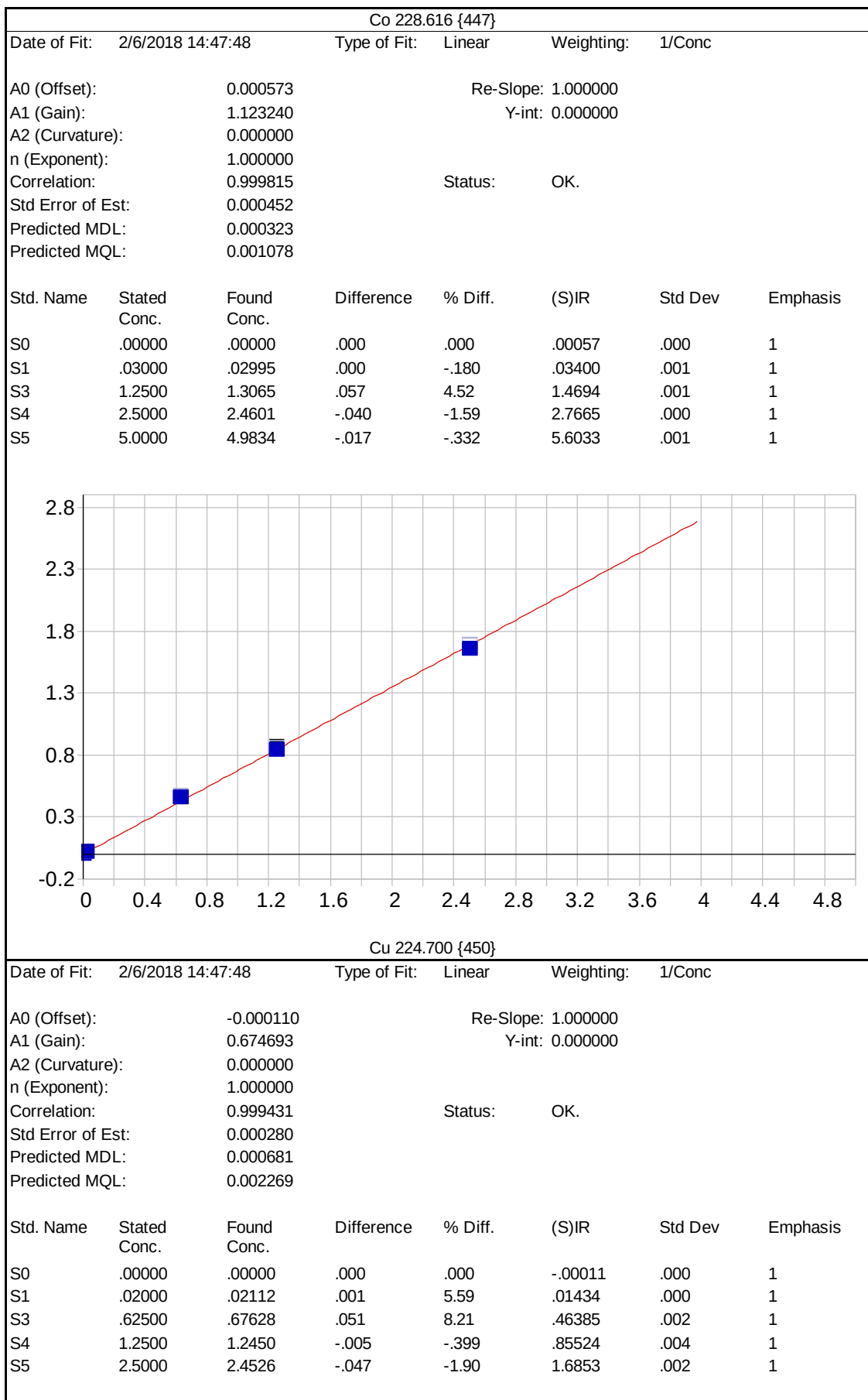
Std Error of Est: 0.000031

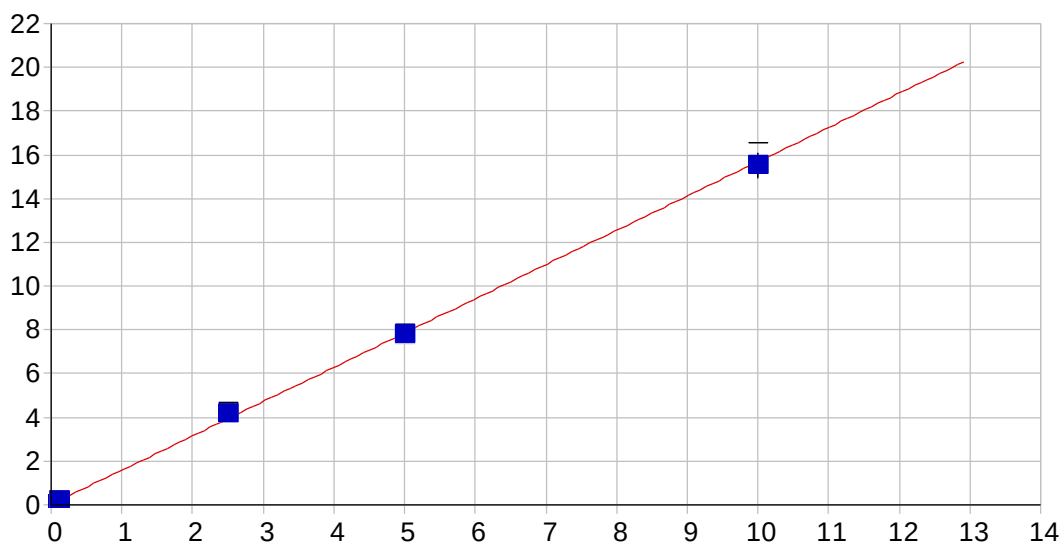
Predicted MDL: 0.000657

Predicted MQL: 0.002190

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00003 | .000    | 1        |
| S1        | .01000       | .01170      | .002       | 17.0    | .00136 | .000    | 1        |
| S3        | .50000       | .54185      | .042       | 8.37    | .06135 | .000    | 1        |
| S4        | 1.0000       | .99769      | -.002      | -.231   | .11295 | .001    | 1        |
| S5        | 2.0000       | 1.9588      | -.041      | -2.06   | .22173 | .000    | 1        |







Fe 240.488 {140}

Date of Fit: 2/6/2018 14:47:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.018894

Re-Slope: 1.000000

A1 (Gain): 1.566614

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999684

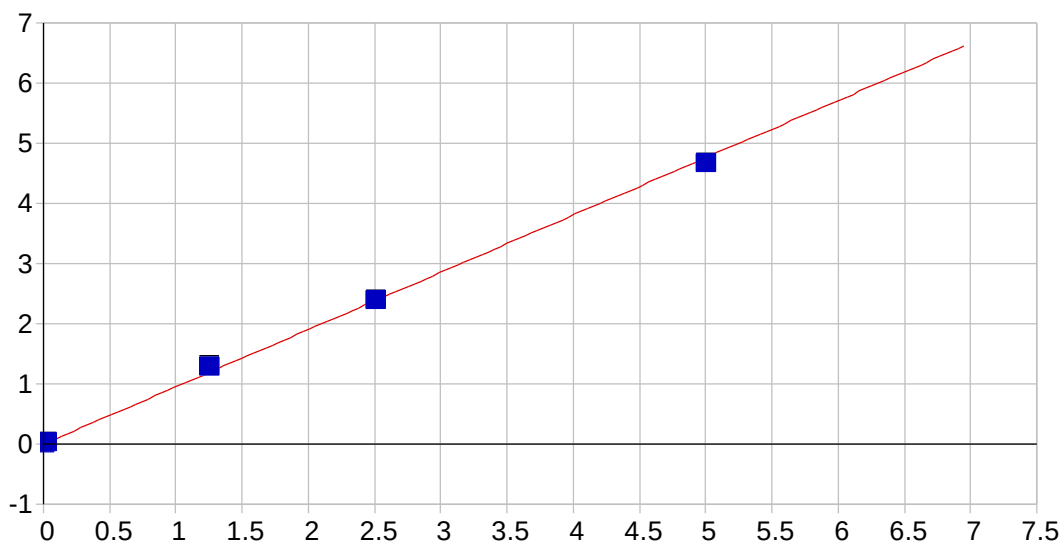
Status: OK.

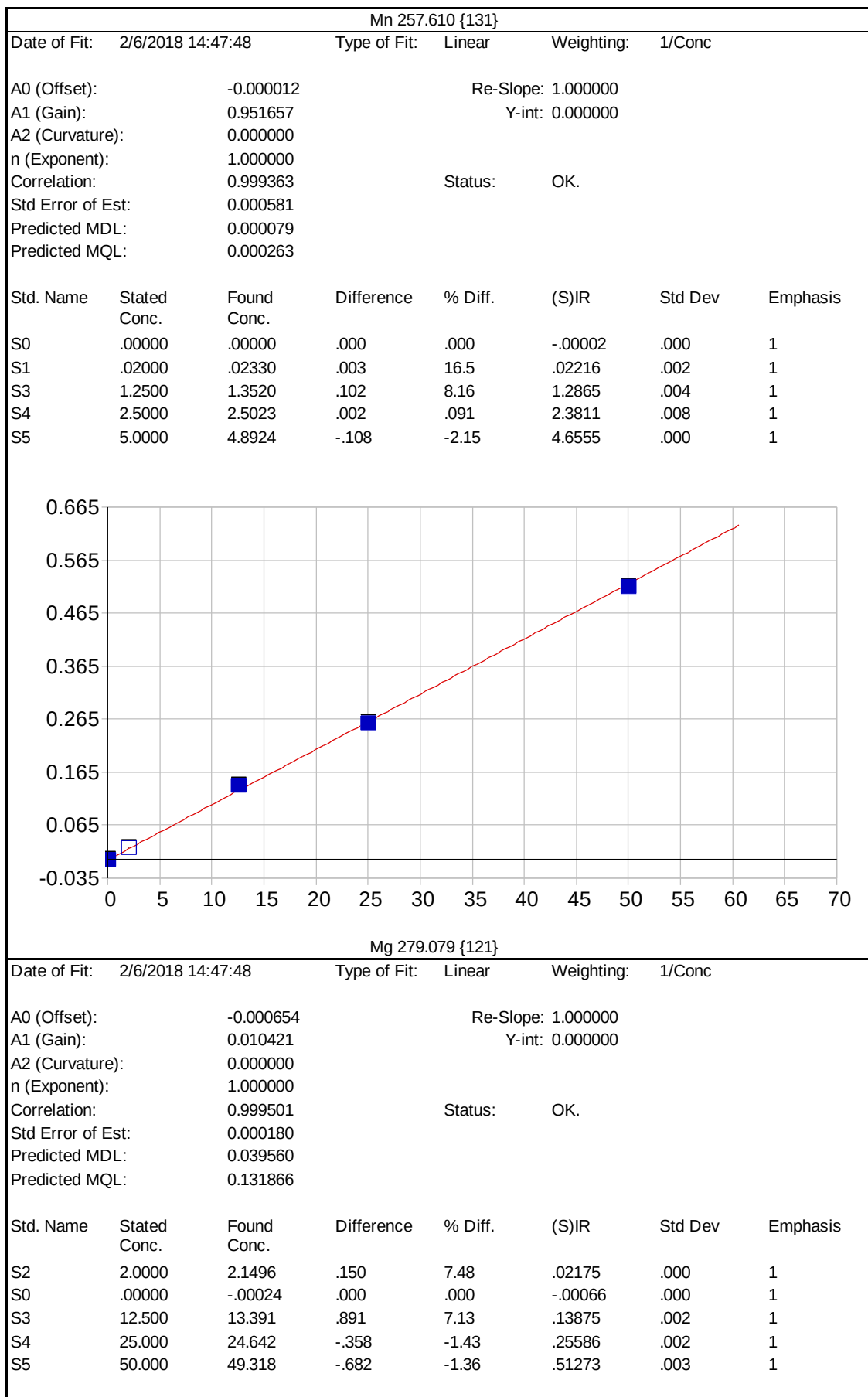
Std Error of Est: 0.002130

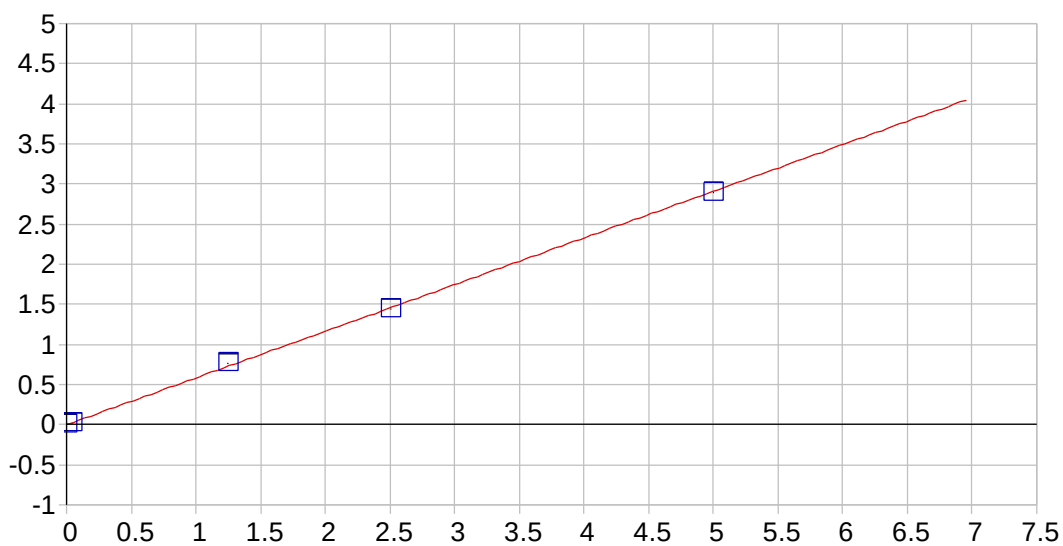
Predicted MDL: 0.010649

Predicted MQL: 0.035496

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | .01888 | .001    | 1        |
| S1        | .10000       | .10273      | .003       | 2.73    | .17965 | .024    | 1        |
| S3        | 2.5000       | 2.6533      | .153       | 6.13    | 4.1685 | .017    | 1        |
| S4        | 5.0000       | 4.9424      | -.058      | -1.15   | 7.7475 | .035    | 1        |
| S5        | 10.000       | 9.9016      | -.098      | -.984   | 15.503 | .560    | 1        |







Ni 231.604 {445}

Date of Fit: 2/6/2018 14:47:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000161

Re-Slope: 1.000000

A1 (Gain): 0.582011

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999784

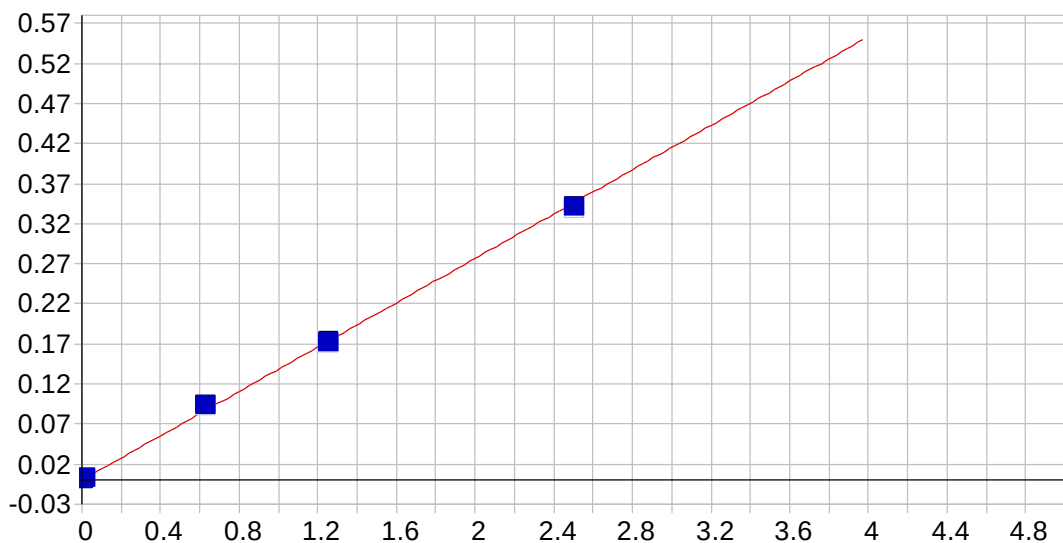
Status: OK.

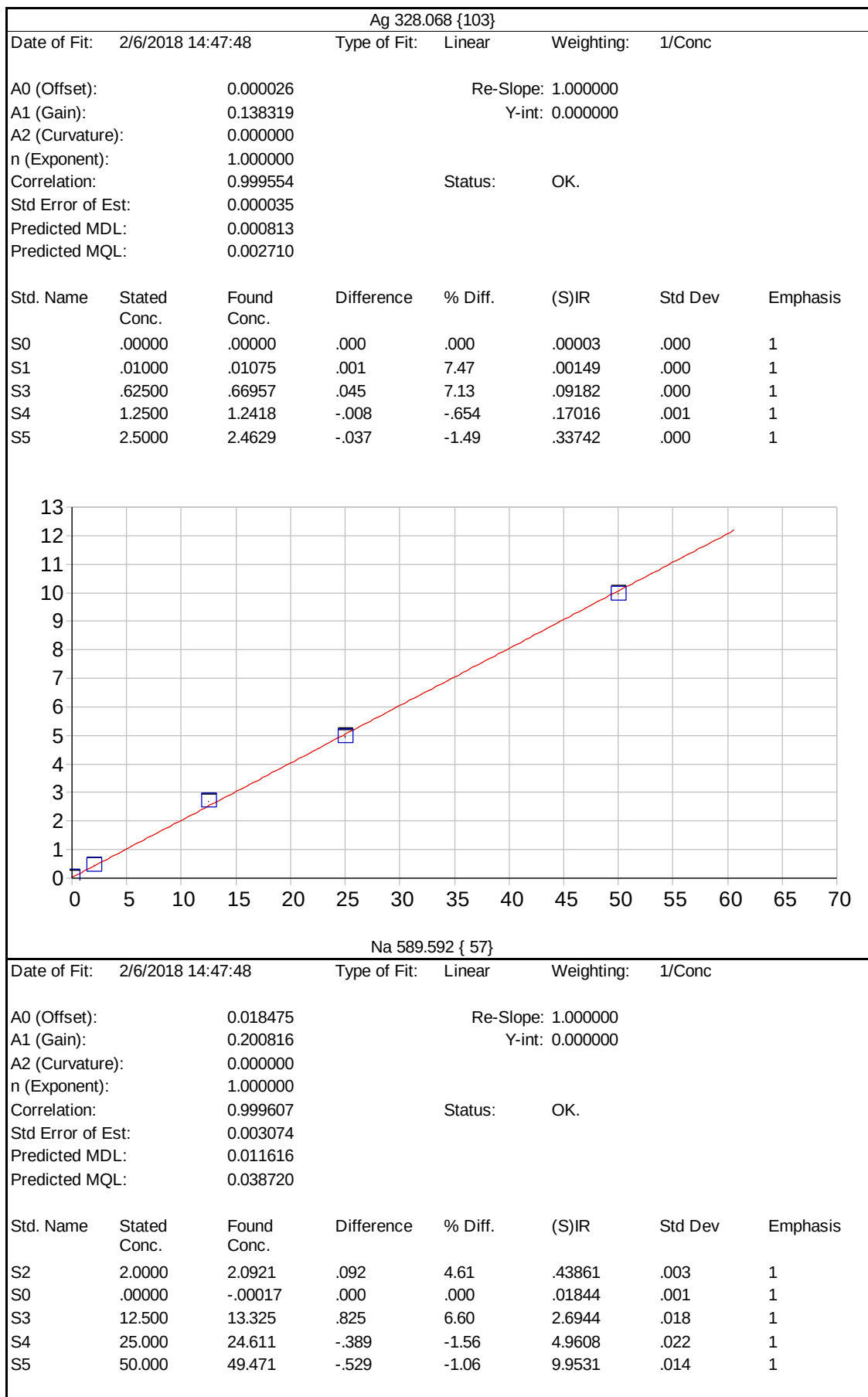
Std Error of Est: 0.000292

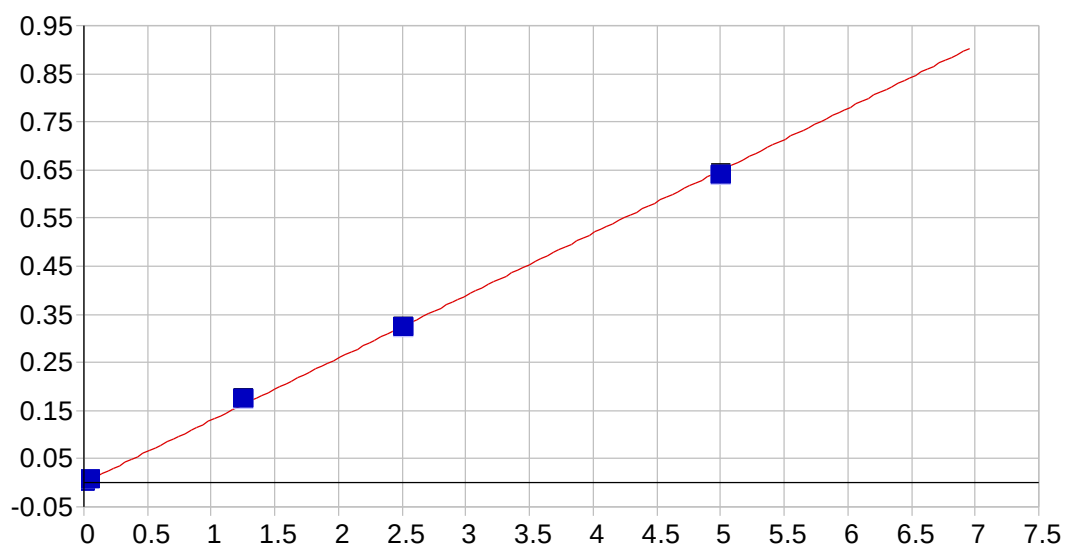
Predicted MDL: 0.000611

Predicted MQL: 0.002037

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00016 | .000    | 1        |
| S1        | .04000       | .04038      | .000       | .956    | .02334  | .000    | 1        |
| S3        | 1.2500       | 1.3127      | .063       | 5.02    | .76387  | .002    | 1        |
| S4        | 2.5000       | 2.4656      | -.034      | -1.37   | 1.4349  | .001    | 1        |
| S5        | 5.0000       | 4.9712      | -.029      | -.575   | 2.8932  | .005    | 1        |







V 292.402 {115}

Date of Fit: 2/6/2018 14:47:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000087

Re-Slope: 1.000000

A1 (Gain): 0.129725

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999607

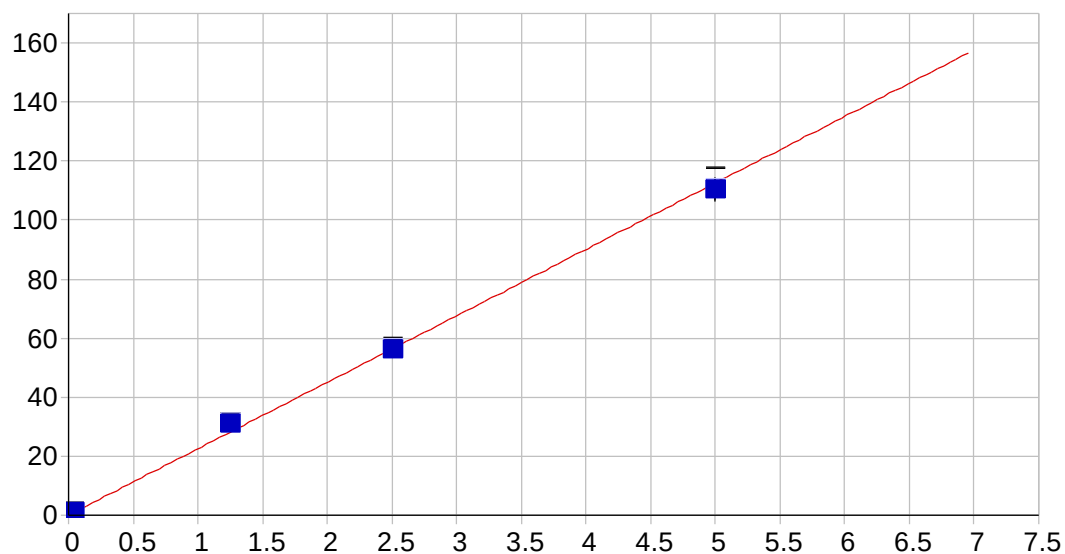
Status: OK.

Std Error of Est: 0.000087

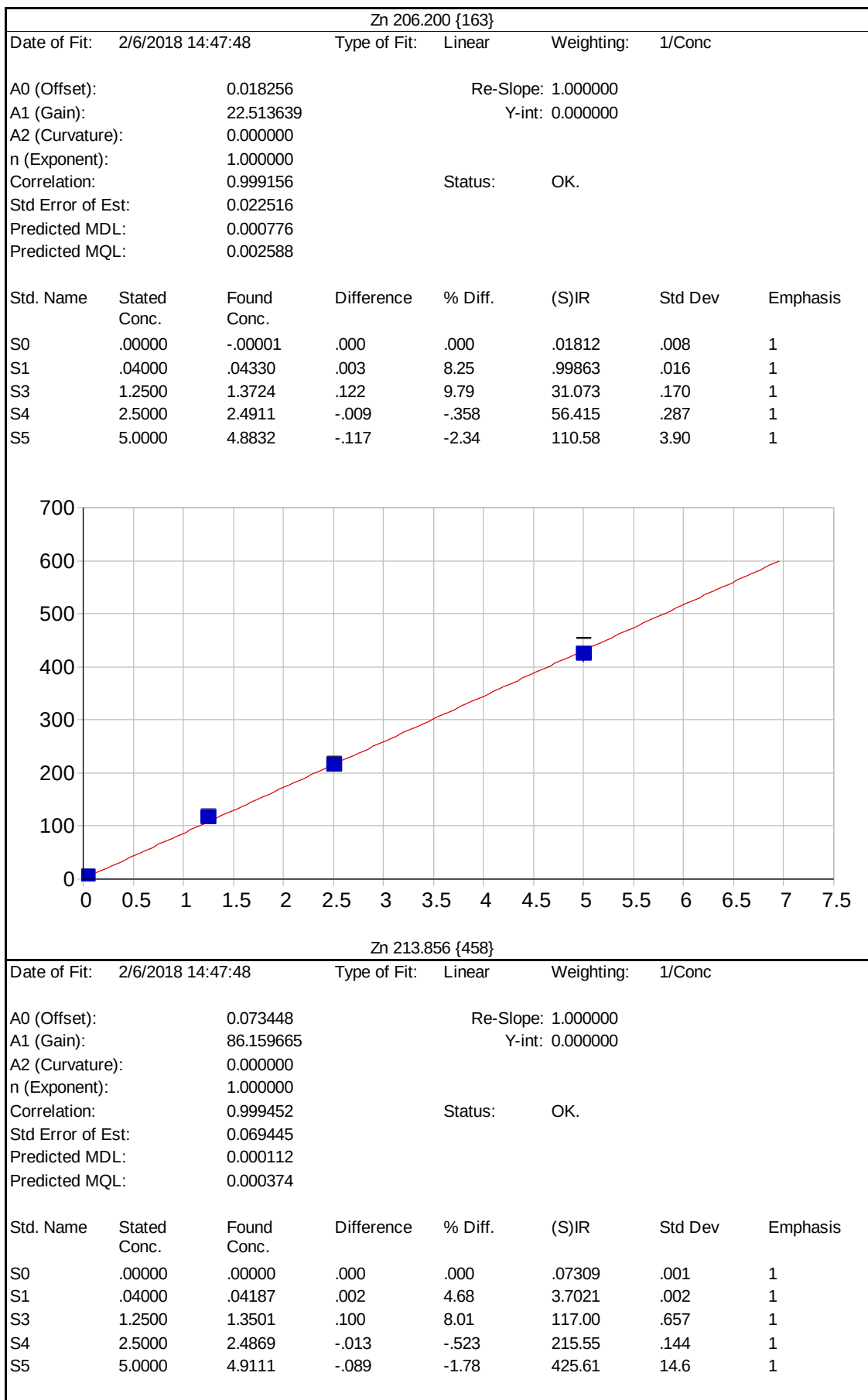
Predicted MDL: 0.000681

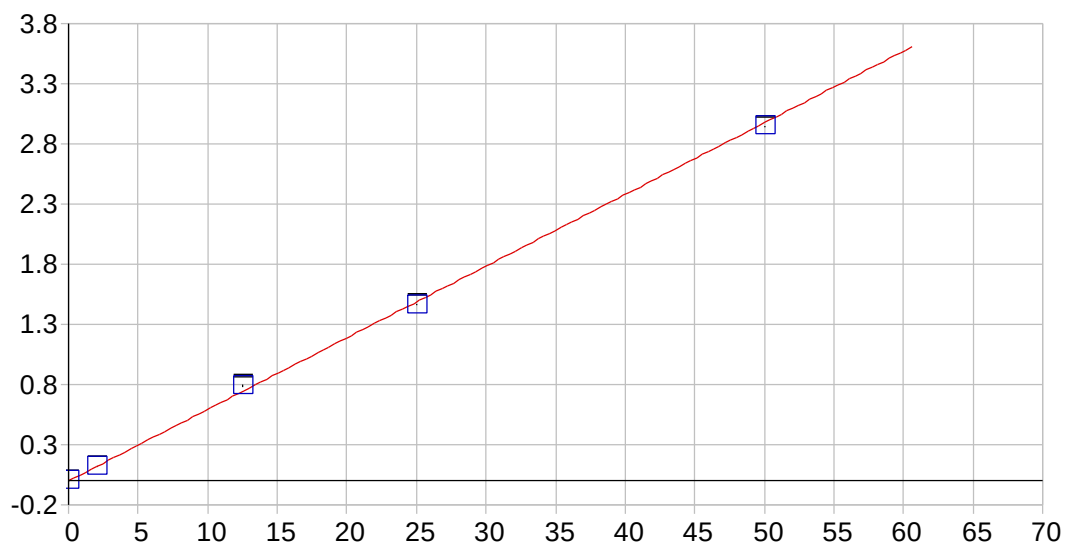
Predicted MQL: 0.002270

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | -.00009 | .000    | 1        |
| S1        | .04000       | .04338      | .003       | 8.46    | .00546  | .000    | 1        |
| S3        | 1.2500       | 1.3327      | .083       | 6.62    | .17176  | .001    | 1        |
| S4        | 2.5000       | 2.4827      | -.017      | -.691   | .31990  | .002    | 1        |
| S5        | 5.0000       | 4.9312      | -.069      | -1.38   | .63544  | .001    | 1        |









K 766.490 { 44}

Date of Fit: 2/6/2018 14:47:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001665

Re-Slope: 1.000000

A1 (Gain): 0.059529

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999660

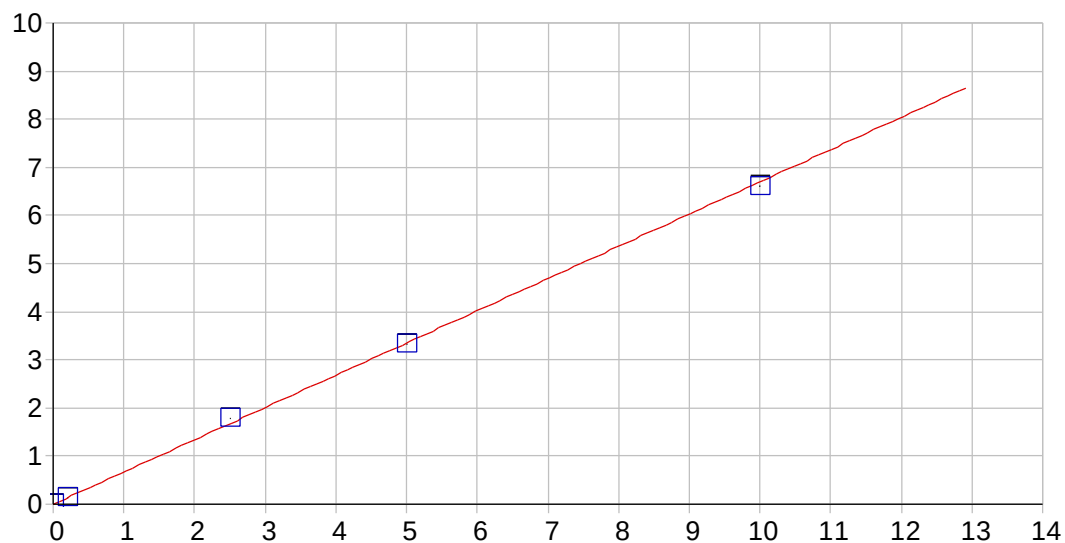
Status: OK.

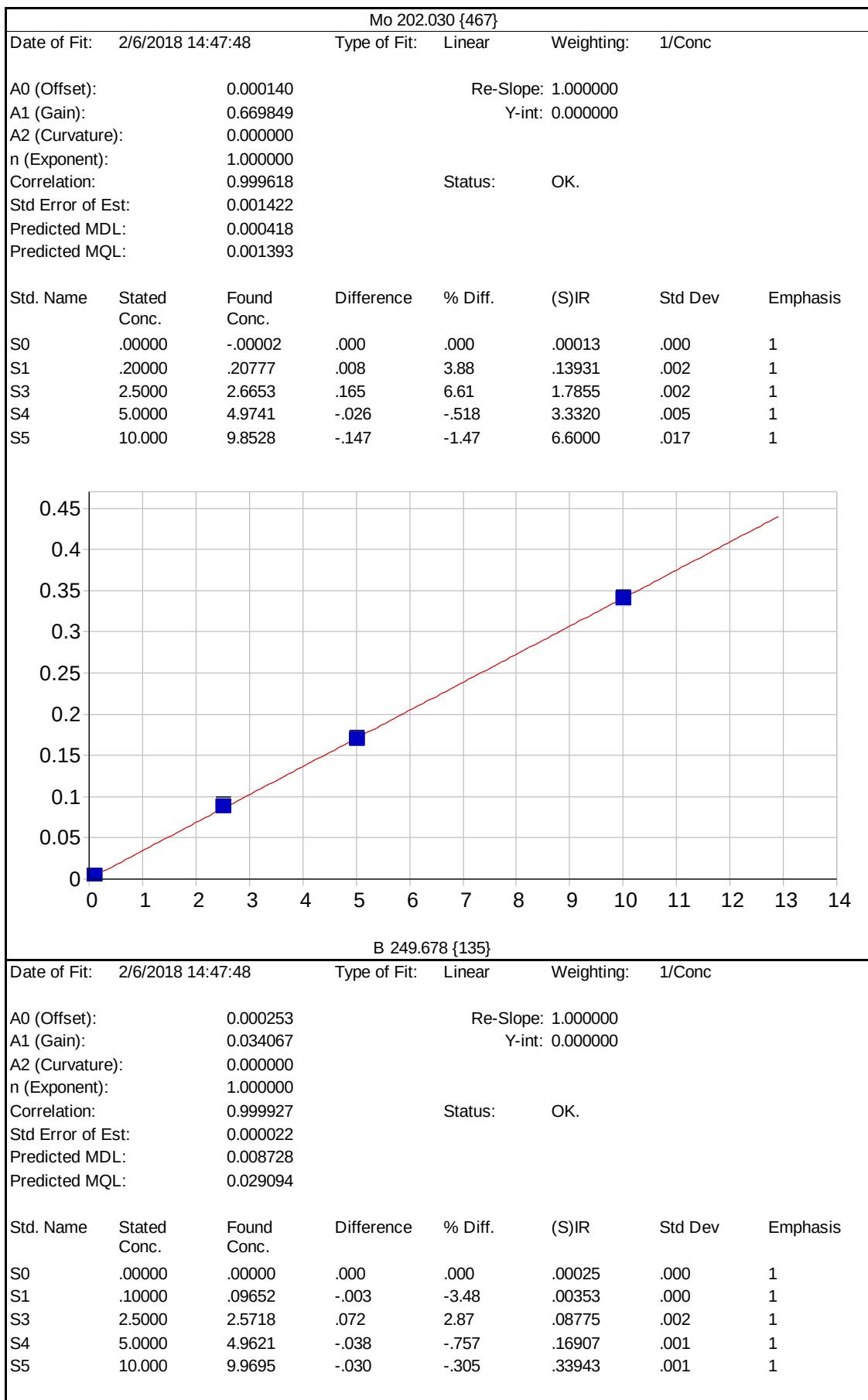
Std Error of Est: 0.000848

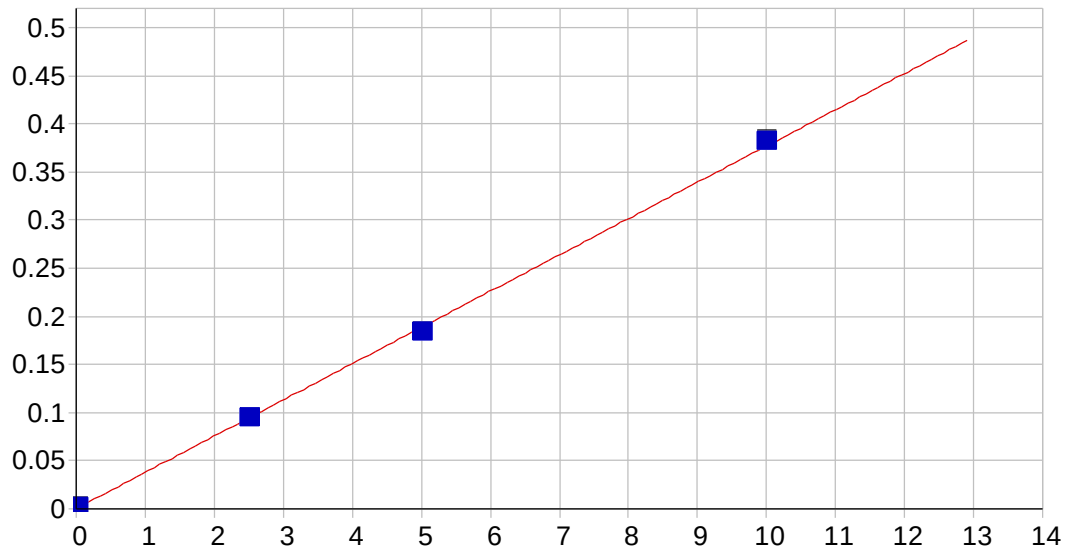
Predicted MDL: 0.042856

Predicted MQL: 0.142853

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S2        | 2.0000       | 2.0450      | .045       | 2.25    | .12008  | .001    | 1        |
| S0        | .00000       | -.00012     | .000       | .000    | -.00166 | .001    | 1        |
| S3        | 12.500       | 13.291      | .791       | 6.33    | .78957  | .006    | 1        |
| S4        | 25.000       | 24.632      | -.368      | -1.47   | 1.4647  | .001    | 1        |
| S5        | 50.000       | 49.531      | -.469      | -.937   | 2.9469  | .005    | 1        |







S 182.034 {485}

Date of Fit: 2/6/2018 14:47:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000227

Re-Slope: 1.000000

A1 (Gain): 0.037674

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999824

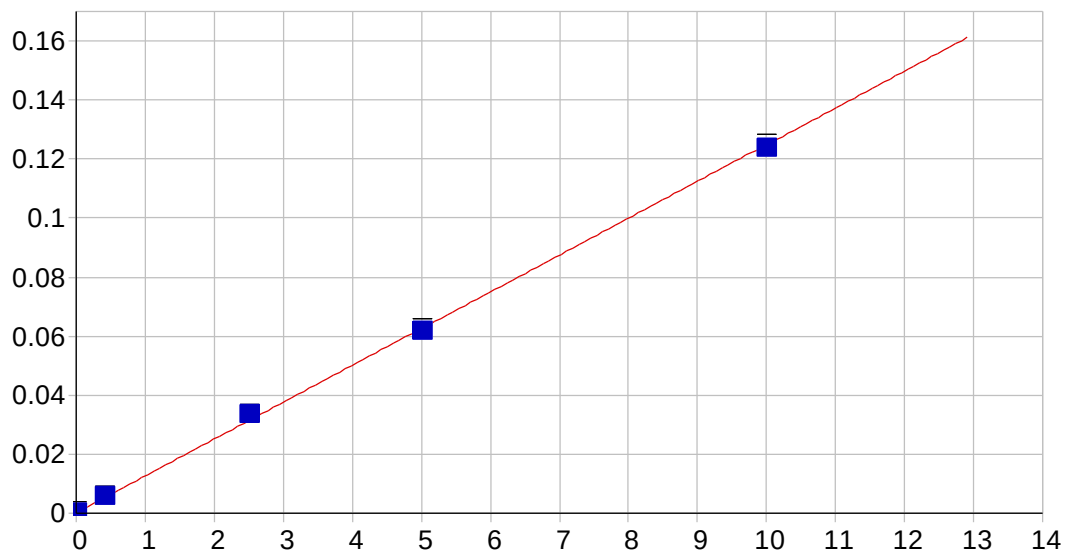
Status: OK.

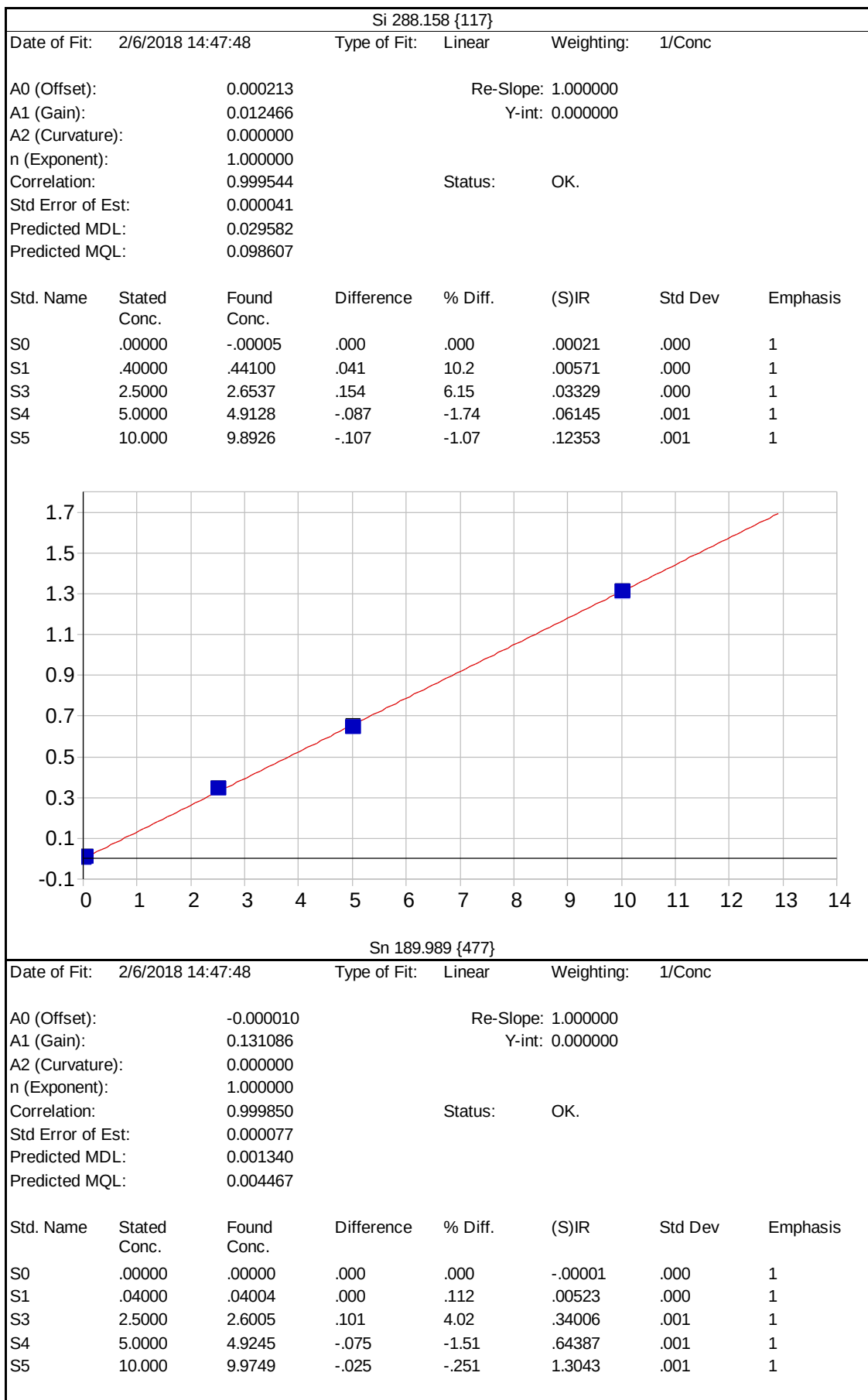
Std Error of Est: 0.000017

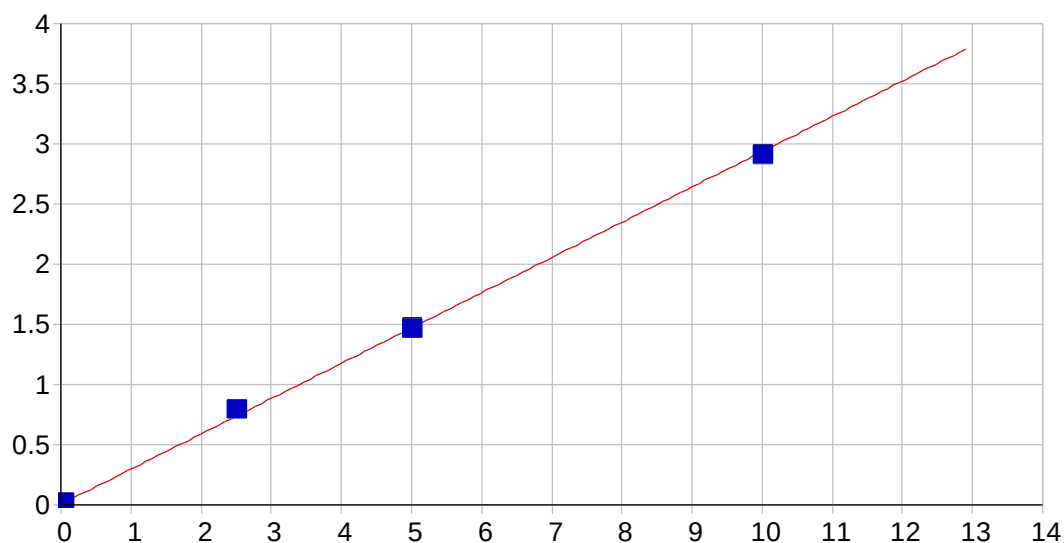
Predicted MDL: 0.004656

Predicted MQL: 0.015520

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00023 | .000    | 1        |
| S1        | .02000       | .01560      | -.004      | -22.0   | .00079 | .000    | 1        |
| S3        | 2.5000       | 2.5082      | .008       | .328    | .09453 | .000    | 1        |
| S4        | 5.0000       | 4.8678      | -.132      | -2.64   | .18323 | .001    | 1        |
| S5        | 10.000       | 10.128      | .128       | 1.28    | .38102 | .001    | 1        |







Ti 336.121 {100}

Date of Fit: 2/6/2018 14:47:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003580

Re-Slope: 1.000000

A1 (Gain): 0.293192

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999673

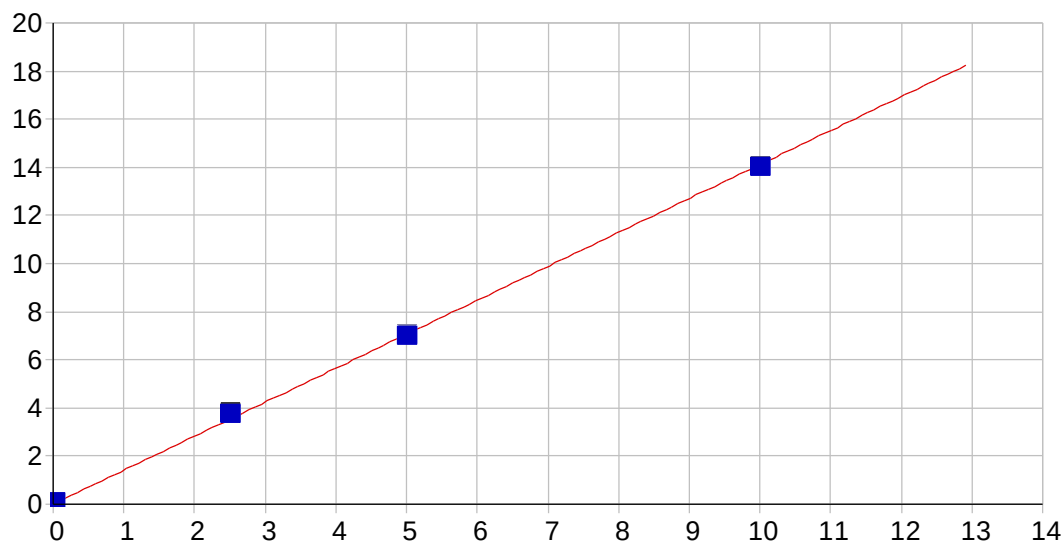
Status: OK.

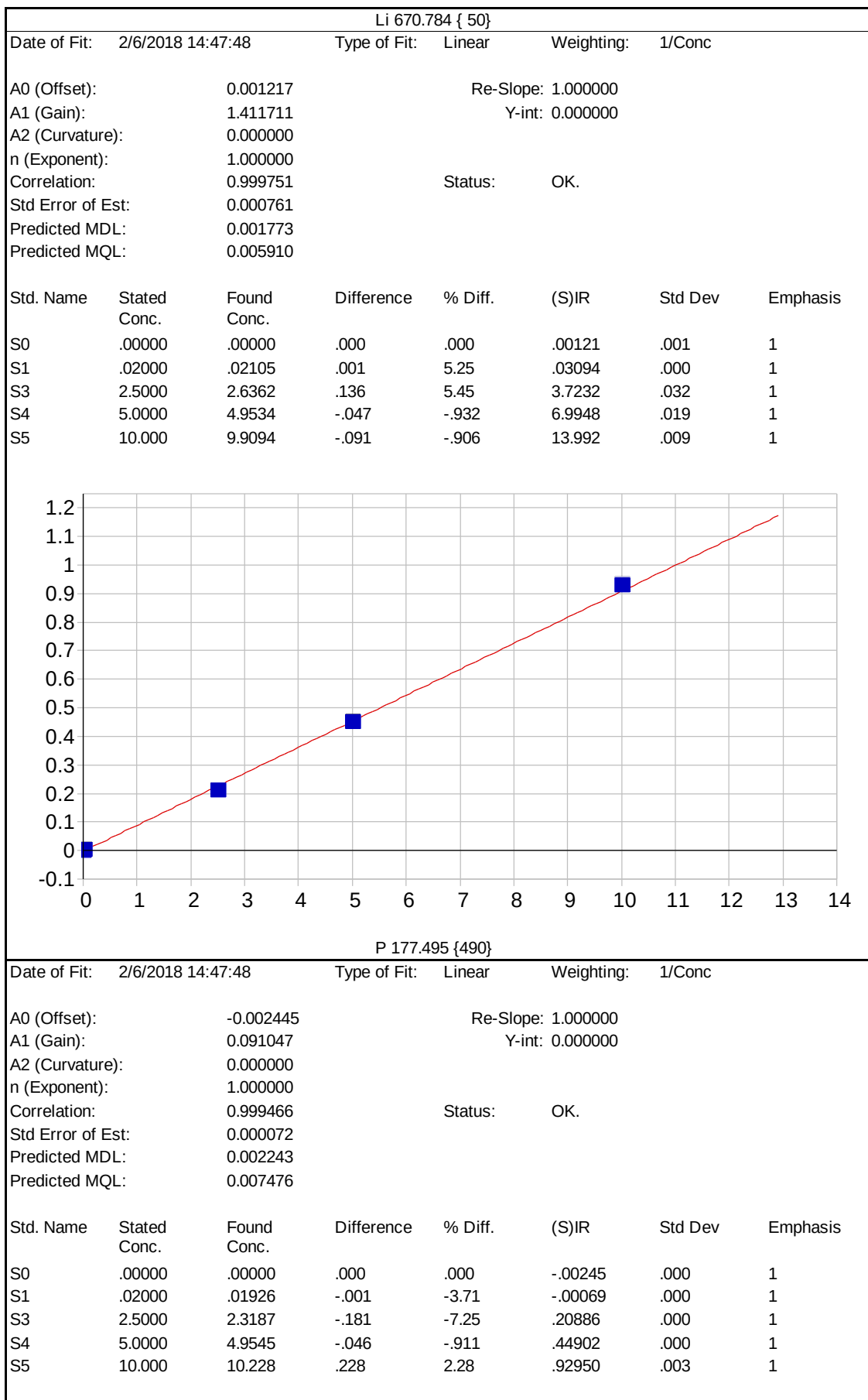
Std Error of Est: 0.000256

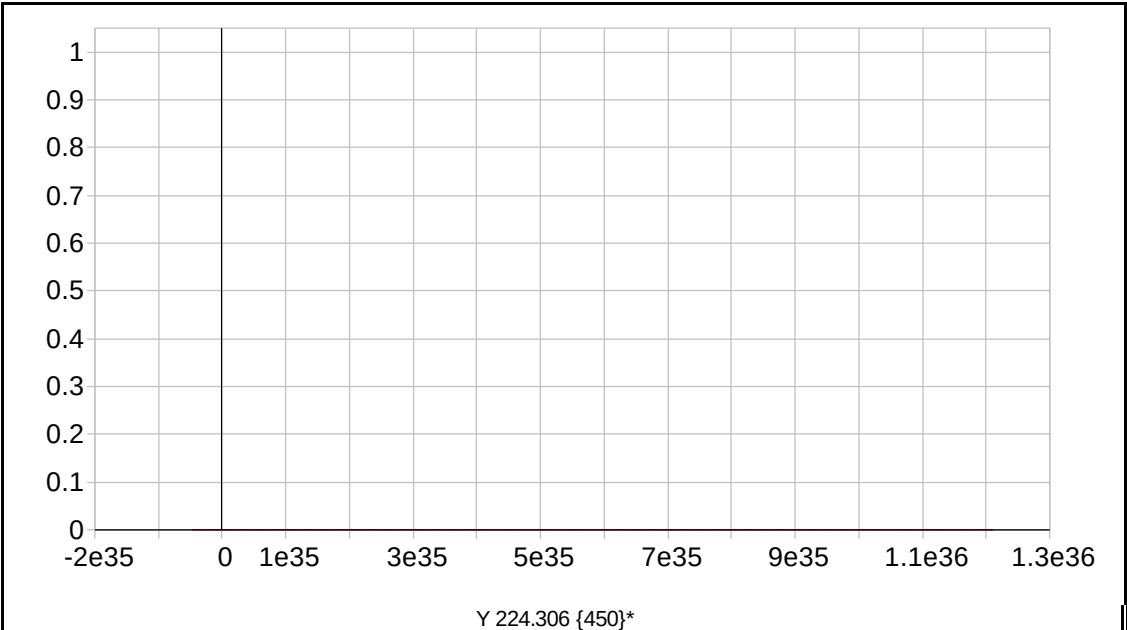
Predicted MDL: 0.002039

Predicted MQL: 0.006798

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00358 | .000    | 1        |
| S1        | .04000       | .04013      | .000       | .319    | .01533 | .000    | 1        |
| S3        | 2.5000       | 2.6561      | .156       | 6.24    | .78199 | .009    | 1        |
| S4        | 5.0000       | 4.9655      | -.034      | -.690   | 1.4587 | .004    | 1        |
| S5        | 10.000       | 9.8783      | -.122      | -1.22   | 2.8985 | .003    | 1        |

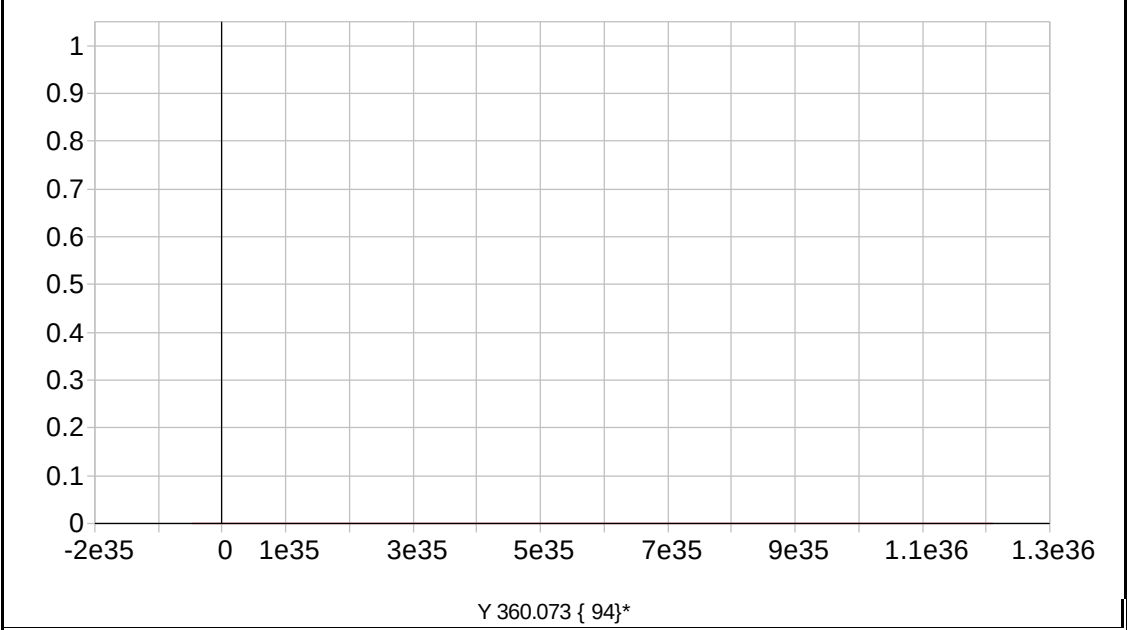






Y 224.306 {450}\*  
Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc  
A0 (Offset): 0.000000      Re-Slope: 1.000000  
A1 (Gain): 0.000000      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.000000      Status: Warning      Zero Gain  
Std Error of Est: 0.000000  
Predicted MDL: n/a  
Predicted MQL: n/a

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



Y 360.073 { 94}\*  
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



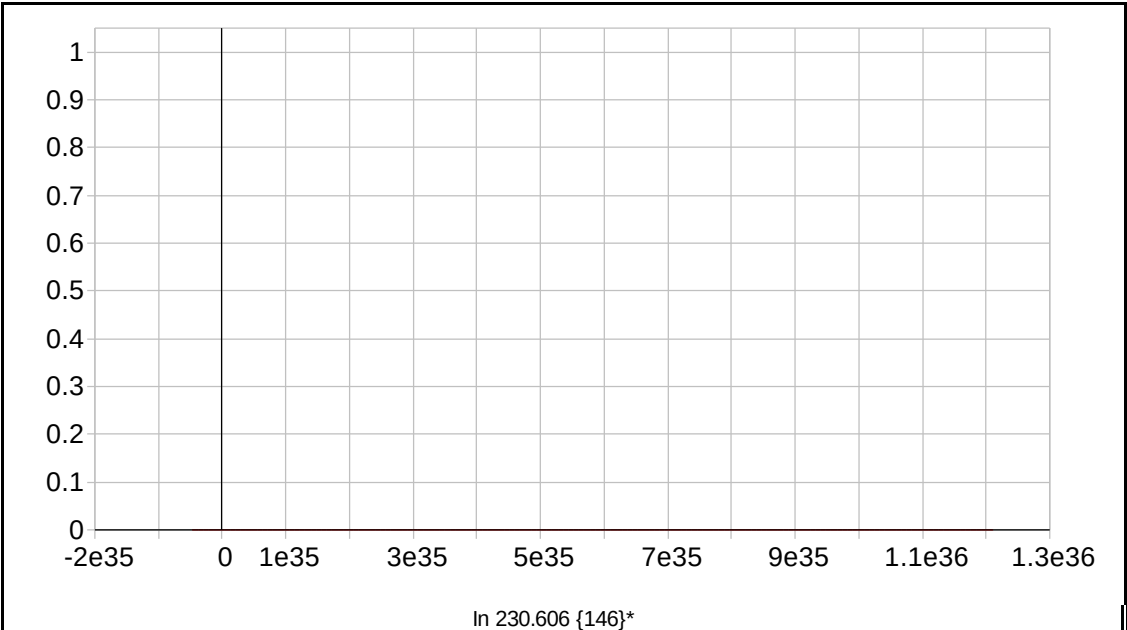
Status:      Warning      Zero Gain

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

Re-Slope: 1.000000  
Y-int: 0.000000

Status:      Warning      Zero Gain

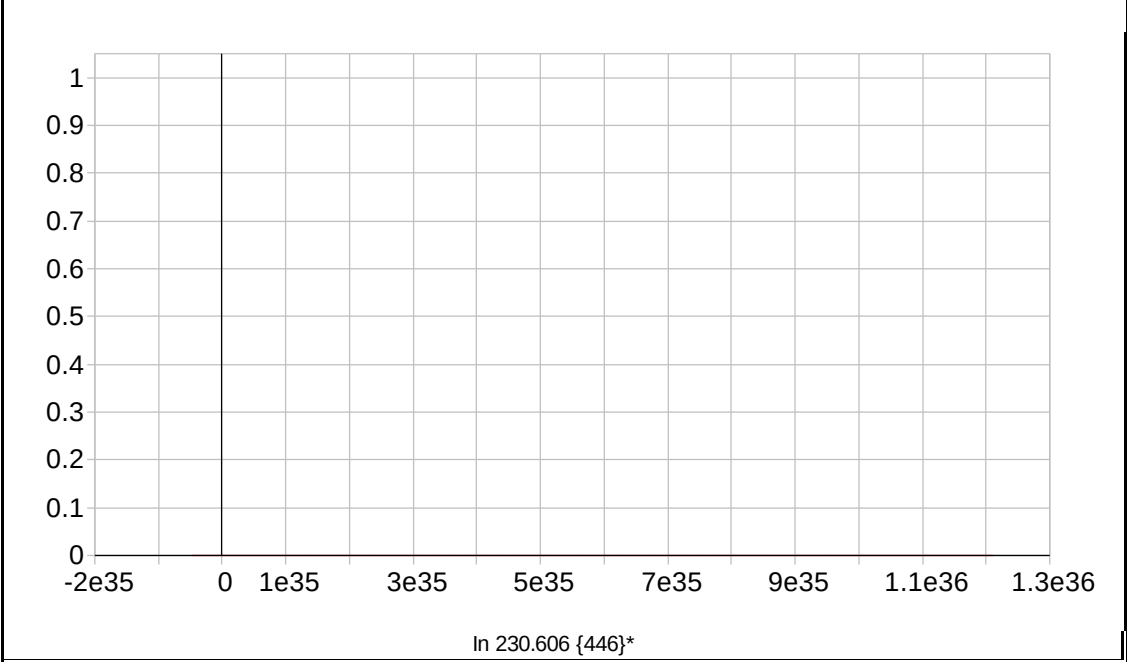
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



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

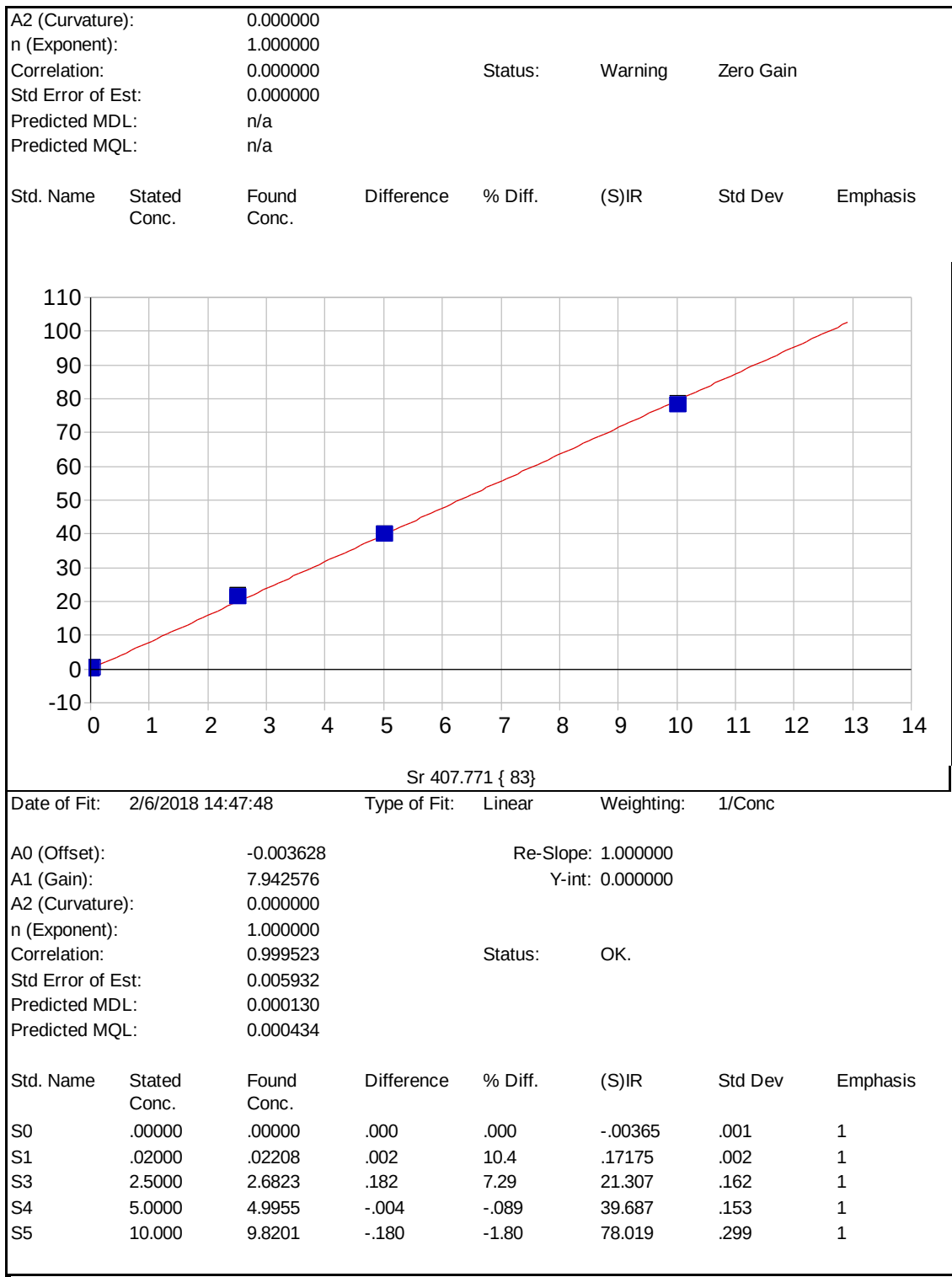
A0 (Offset):                    0.000000                    Re-Slope: 1.000000  
A1 (Gain):                    0.000000                    Y-int: 0.000000  
A2 (Curvature):            0.000000  
n (Exponent):                1.000000  
Correlation:                   0.000000                    Status:      Warning      Zero Gain  
Std Error of Est:            0.000000  
Predicted MDL:              n/a  
Predicted MQL:              n/a

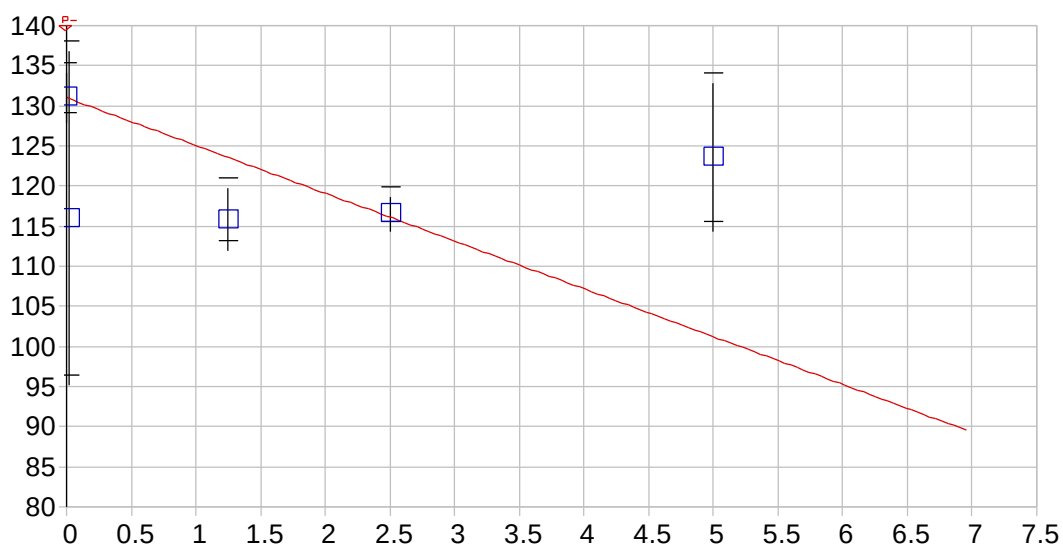
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



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





Date of Fit: 2/6/2018 14:47:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 131.006132

Re-Slope: 1.000000

A1 (Gain): -5.957699

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.163569

Status:

Warning

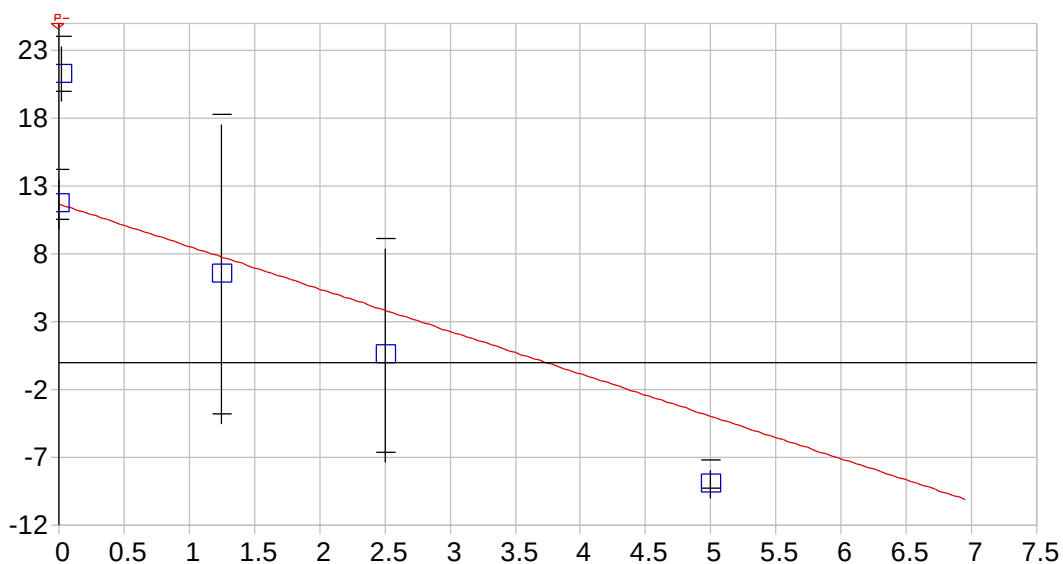
Negative Gain

Std Error of Est: 0.614041

Predicted MDL: n/a

Predicted MQL: n/a

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00251     | -.003      | .000    | 131.02 | 3.09    | 1        |
| S1        | .02000       | 2.5282      | 2.51       | 12500.  | 115.94 | 20.8    | 1        |
| S3        | 1.2500       | 2.5485      | 1.30       | 104.    | 115.82 | 3.96    | 1        |
| S4        | 2.5000       | 2.4343      | -.066      | -2.63   | 116.50 | 2.17    | 1        |
| S5        | 5.0000       | 1.2590      | -3.74      | -74.8   | 123.51 | 9.25    | 1        |



| U 385.958 { 87}   |              |                   |            |                    |         |               |          |
|-------------------|--------------|-------------------|------------|--------------------|---------|---------------|----------|
| Date of Fit:      |              | 2/6/2018 14:47:48 |            | Type of Fit:       | Linear  | Weighting:    | 1/Conc   |
| A0 (Offset):      |              | 11.688546         |            | Re-Slope: 1.000000 |         |               |          |
| A1 (Gain):        |              | -3.131154         |            | Y-int: 0.000000    |         |               |          |
| A2 (Curvature):   |              | 0.000000          |            |                    |         |               |          |
| n (Exponent):     |              | 1.000000          |            |                    |         |               |          |
| Correlation:      |              | 0.134627          |            | Status:            | Warning | Negative Gain |          |
| Std Error of Est: |              | 0.393829          |            |                    |         |               |          |
| Predicted MDL:    |              | n/a               |            |                    |         |               |          |
| Predicted MQL:    |              | n/a               |            |                    |         |               |          |
|                   |              |                   |            |                    |         |               |          |
| Std. Name         | Stated Conc. | Found Conc.       | Difference | % Diff.            | (S)IR   | Std Dev       | Emphasis |
| S0                | .00000       | .00306            | .003       | .000               | 11.679  | 1.84          | 1        |
| S1                | .02000       | -3.0574           | -3.08      | -15400.            | 21.262  | 2.05          | 1        |
| S3                | 1.2500       | 1.6642            | .414       | 33.1               | 6.4776  | 11.1          | 1        |
| S4                | 2.5000       | 3.5640            | 1.06       | 42.6               | .52911  | 7.87          | 1        |
| S5                | 5.0000       | 6.5992            | 1.60       | 32.0               | -8.9744 | 1.05          | 1        |

Sample Name: S0      Acquired: 2/6/2018 10:47:16      Type: Cal

Method: P4-ICP2(v1983)      Mode: IR      Corr. Factor: 1.000000

User: JASWAL/BINHE      Custom ID1:      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    | .00006 | .00015 | .00009 | .00039 | .00036 | .00004 | .02279 | .00003 |
| Stddev | .00016 | .00002 | .00007 | .00014 | .00007 | .00001 | .00168 | .00002 |
| %RSD   | 268.27 | 12.148 | 80.089 | 34.434 | 18.345 | 20.950 | 7.3853 | 72.707 |

|    |         |         |         |        |        |         |        |        |
|----|---------|---------|---------|--------|--------|---------|--------|--------|
| #1 | .00018  | -.00014 | -.00004 | .00049 | .00040 | -.00003 | .02160 | .00005 |
| #2 | -.00005 | -.00016 | -.00013 | .00030 | .00031 | -.00005 | .02398 | .00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00013 | .00003 | .00003 | .00057 | .00011 | .01888 | .00002 | .00066 |
| Stddev | .00017 | .00013 | .00003 | .00010 | .00007 | .00069 | .00002 | .00023 |
| %RSD   | 137.00 | 487.23 | 92.532 | 17.625 | 60.425 | 3.6293 | 133.36 | 34.525 |

|    |         |         |        |        |         |        |         |         |
|----|---------|---------|--------|--------|---------|--------|---------|---------|
| #1 | .00000  | -.00012 | .00001 | .00050 | -.00006 | .01937 | .00000  | -.00050 |
| #2 | -.00025 | .00007  | .00006 | .00064 | -.00016 | .01840 | -.00003 | -.00082 |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   |
| Avg    | .00016 | .00003 | .01844 | .00009  | .07309 | .00166  | .00013 | .00025  |
| Stddev | .00023 | .00008 | .00132 | .00009  | .00078 | .00102  | .00007 | .00011  |
| %RSD   | 142.69 | 300.88 | 7.1666 | 97.059  | 1.0705 | 61.077  | 56.003 | 41.989  |

|    |         |         |        |         |        |         |        |        |
|----|---------|---------|--------|---------|--------|---------|--------|--------|
| #1 | -.00033 | -.00003 | .01751 | -.00003 | .07254 | -.00094 | .00008 | .00018 |
| #2 | .00000  | .00008  | .01938 | -.00015 | .07364 | -.00238 | .00018 | .00033 |

|        |         |        |        |        |        |         |        |         |
|--------|---------|--------|--------|--------|--------|---------|--------|---------|
| Elem   | S_ 1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 |
| Units  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   |
| Avg    | .00023  | .00021 | .00001 | .00358 | .00121 | .00024  | .00365 | 131.02  |
| Stddev | .00012  | .00014 | .00032 | .00015 | .00061 | .0002   | .00054 | 3.09    |
| %RSD   | 50.879  | 63.900 | 3245.7 | 4.2987 | 50.350 | 6.847   | 14.654 | 2.3569  |

|    |        |        |         |        |        |        |         |        |
|----|--------|--------|---------|--------|--------|--------|---------|--------|
| #1 | .00015 | .00031 | .00021  | .00347 | .00078 | -.0026 | -.00403 | 128.84 |
| #2 | .00031 | .00012 | -.00023 | .00369 | .00165 | -.0023 | -.00327 | 133.20 |

Sample Name: S0      Acquired: 2/6/2018 10:47:16      Type: Cal  
Method: P4-ICP2(v1983)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |         |
|--------|---------|
| Elem   | U_ 3859 |
| Units  | Cts/S   |
| Avg    | 11.679  |
| Stddev | 1.835   |
| %RSD   | 15.713  |

|    |        |
|----|--------|
| #1 | 12.977 |
| #2 | 10.381 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2501.4  | 54520.  | 5457.3  | 30.891 | 2913.1 |
| Stddev    | 11.0    | 17.     | 32.6    | .553   | 10.0   |
| %RSD      | .44075  | .03197  | .59702  | .68343 | .34353 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2493.6 | 54532. | 5480.4 | 80.500 | 2906.0 |
| #2 | 2509.2 | 54508. | 5434.3 | 81.282 | 2920.1 |

Sample Name: S1      Acquired: 2/6/2018 10:51:23      Type: Cal  
Method: P4-ICP2(v1983)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00124 | .00511 | .00235 | .00170 | .00821 | .00089 | .43385 | .00453 | .01827 |
| Stddev | .00001 | .00029 | .00015 | .00002 | .00020 | .00011 | .00119 | .00032 | .00013 |
| %RSD   | .81543 | 5.6536 | 6.2743 | 1.0558 | 2.4528 | 12.991 | .27510 | 6.9904 | .72494 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00124 | .00532 | .00225 | .00171 | .00806 | .00097 | .43300 | .00475 | .01837 |
| #2 | .00123 | .00491 | .00246 | .00168 | .00835 | .00080 | .43469 | .00431 | .01818 |

|        |        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Elem   | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Ni2316 | Ag3280 | V_ 2924 | Zn2138 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .00136 | .03400 | .01434 | .17965 | .02216 | .02334 | .00149 | .00546  | 3.7021 |
| Stddev | .00015 | .00107 | .00007 | .02404 | .00203 | .00015 | .00018 | .00050  | .0018  |
| %RSD   | 10.832 | 3.1524 | .51512 | 13.383 | 9.1573 | .64518 | 11.923 | 9.1102  | .04934 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00146 | .03475 | .01439 | .16265 | .02360 | .02345 | .00161 | .00581 | 3.7034 |
| #2 | .00125 | .03324 | .01429 | .19665 | .02073 | .02324 | .00136 | .00511 | 3.7008 |

|        |        |         |         |        |        |        |        |         |        |
|--------|--------|---------|---------|--------|--------|--------|--------|---------|--------|
| Elem   | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S   | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .13931 | .00353  | .00079  | .00571 | .00523 | .01533 | .03094 | .0007   | .17175 |
| Stddev | .00218 | .00019  | .00006  | .00010 | .00004 | .00013 | .00018 | .0001   | .00168 |
| %RSD   | 1.5671 | 5.3852  | 7.0290  | 1.8220 | .70158 | .86581 | .59543 | 13.66   | .97895 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .14086 | .00339 | .00075 | .00563 | .00526 | .01524 | .03107 | -.0008 | .17294 |
| #2 | .13777 | .00366 | .00083 | .00578 | .00520 | .01543 | .03081 | -.0006 | .17056 |

|        |         |         |
|--------|---------|---------|
| Elem   | U_ 3670 | U_ 3859 |
| Units  | Cts/S   | Cts/S   |
| Avg    | 115.94  | 21.262  |
| Stddev | 20.80   | 2.047   |
| %RSD   | 17.942  | 9.6273  |

|    |        |        |
|----|--------|--------|
| #1 | 101.23 | 22.709 |
| #2 | 130.65 | 19.814 |



Sample Name: S1      Acquired: 2/6/2018 10:51:23      Type: Cal  
Method: P4-ICP2(v1983)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2529.9  | 52093.  | 5422.2  | 32.866 | 2952.2 |
| Stddev    | 45.4    | 4008.   | 8.6     | .164   | 55.7   |
| %RSD      | 1.7945  | 7.6933  | .15857  | .19781 | 1.8869 |
| #1        | 2497.8  | 49260.  | 5416.1  | 82.750 | 2912.8 |
| #2        | 2562.0  | 54927.  | 5428.2  | 82.982 | 2991.6 |

Sample Name: S2      Acquired: 2/6/2018 10:55:32      Type: Cal  
Method: P4-ICP2(v1983)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |
|--------|--------|--------|--------|---------|
| Elem   | Ca3736 | Mg2790 | Na5895 | K_ 7664 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   |
| Avg    | .10293 | .02175 | .43861 | .12008  |
| Stddev | .00000 | .00027 | .00304 | .00079  |
| %RSD   | .00079 | 1.2227 | .69280 | .65516  |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .10293 | .02194 | .43646 | .12064 |
| #2 | .10293 | .02156 | .44076 | .11952 |

|           |         |
|-----------|---------|
| Int. Std. | Y_ 3710 |
| Units     | Cts/S   |
| Avg       | 5399.5  |
| Stddev    | 17.3    |
| %RSD      | .32124  |

|    |        |
|----|--------|
| #1 | 5411.7 |
| #2 | 5387.2 |

Sample Name: S3      Acquired: 2/6/2018 10:59:34      Type: Cal  
Method: P4-ICP2(v1983)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934  | Be2348 | Cd2265 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  |
| Avg    | .14280 | .32772 | .54797 | .18435 | .41714 | .04293 | .21.438 | .09085 | 4.1137 |
| Stddev | .00065 | .00137 | .00222 | .00190 | .00225 | .00035 | .160    | .00035 | .0124  |
| %RSD   | .45481 | .41813 | .40485 | 1.0324 | .53911 | .82609 | .74666  | .38816 | .30227 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .14326 | .32869 | .54953 | .18570 | .41873 | .04268 | 21.325 | .09060 | 4.1225 |
| #2 | .14234 | .32675 | .54640 | .18300 | .41555 | .04318 | 21.552 | .09110 | 4.1049 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .64363 | .06135 | 1.4694 | .46385 | 4.1685 | 1.2865 | .13875 | .76387 | .09182 |
| Stddev | .00400 | .00016 | .0011  | .00169 | .0168  | .0035  | .00212 | .00153 | .00006 |
| %RSD   | .62222 | .25759 | .07499 | .36472 | .40410 | .27261 | 1.5300 | .20029 | .06697 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .64080 | .06147 | 1.4702 | .46504 | 4.1566 | 1.2841 | .13725 | .76495 | .09187 |
| #2 | .64646 | .06124 | 1.4686 | .46265 | 4.1804 | 1.2890 | .14025 | .76279 | .09178 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| Elem   | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 |
| Units  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg    | 2.6944 | .17176  | 117.00 | .78957  | 1.7855 | .08775  | .09453  | .03329 | .34006 |
| Stddev | .0183  | .00057  | .66    | .00641  | .0022  | .00197  | .00003  | .00017 | .00111 |
| %RSD   | .67771 | .33268  | .56128 | .81189  | .12592 | 2.2396  | .03156  | .49787 | .32532 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.6815 | .17135 | 116.53 | .78504 | 1.7871 | .08636 | .09455 | .03341 | .34084 |
| #2 | 2.7073 | .17216 | 117.46 | .79410 | 1.7839 | .08914 | .09451 | .03318 | .33927 |

|        |        |        |         |        |         |         |  |  |  |
|--------|--------|--------|---------|--------|---------|---------|--|--|--|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 | U_ 3859 |  |  |  |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   |  |  |  |
| Avg    | .78199 | 3.7232 | .2089   | 21.307 | 115.82  | 3.4776  |  |  |  |
| Stddev | .00897 | .0316  | .0001   | .162   | 3.96    | 11.063  |  |  |  |
| %RSD   | 1.1473 | .85012 | .0422   | .76101 | 3.4182  | 170.78  |  |  |  |

|    |        |        |       |        |        |         |  |  |  |
|----|--------|--------|-------|--------|--------|---------|--|--|--|
| #1 | .77564 | 3.7008 | .2088 | 21.193 | 118.62 | 14.300  |  |  |  |
| #2 | .78833 | 3.7455 | .2089 | 21.422 | 113.02 | -1.3449 |  |  |  |

Sample Name: S3      Acquired: 2/6/2018 10:59:34      Type: Cal  
Method: P4-ICP2(v1983)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2452.4  | 53118.  | 5399.3  | 31.459 | 2791.9 |
| Stddev    | 9.6     | 86.     | 24.7    | .457   | 10.6   |
| %RSD      | .39317  | .16131  | .45831  | .56089 | .37807 |
| #1        | 2445.6  | 53178.  | 5416.8  | 81.782 | 2784.4 |
| #2        | 2459.3  | 53057.  | 5381.8  | 81.136 | 2799.3 |

Sample Name: S4      Acquired: 2/6/2018 11:03:28      Type: Cal  
Method: P4-ICP2(v1983)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .26766 | .61791 | 1.0384 | .34770 | .78123 | .08124 | 40.253 | .16979 | 7.7724 |
| Stddev | .00000 | .00085 | .0001  | .00109 | .00248 | .00036 | .120   | .00056 | .0033  |
| %RSD   | .00081 | .13836 | .01195 | .31335 | .31687 | .44895 | .29781 | .32991 | .04291 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .26766 | .61731 | 1.0385 | .34847 | .78298 | .08099 | 40.168 | .16939 | 7.7748 |
| #2 | .26766 | .61852 | 1.0383 | .34693 | .77948 | .08150 | 40.337 | .17019 | 7.7701 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.1773 | .11295 | 2.7665 | .85524 | 7.7475 | 2.3811 | .25586 | 1.4349 | .17016 |
| Stddev | .0054  | .00069 | .0001  | .00408 | .0348  | .0082  | .00227 | .0011  | .00085 |
| %RSD   | .45506 | .60715 | .00363 | .47669 | .44913 | .34607 | .88659 | .07363 | .50021 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.1735 | .11247 | 2.7665 | .85812 | 7.7229 | 2.3753 | .25426 | 1.4356 | .16956 |
| #2 | 1.1810 | .11344 | 2.7664 | .85235 | 7.7721 | 2.3869 | .25746 | 1.4341 | .17076 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| Elem   | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 |
| Units  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg    | 4.9608 | .31990  | 215.55 | 1.4647  | 3.3320 | .16907  | .18323  | .06145 | .64387 |
| Stddev | .0222  | .00165  | .14    | .0014   | .0049  | .00146  | .00056  | .00103 | .00078 |
| %RSD   | .44726 | .51546  | .06691 | .09191  | .14824 | .86406  | .30295  | 1.6761 | .12112 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9451 | .31873 | 215.45 | 1.4637 | 3.3355 | .16804 | .18284 | .06073 | .64443 |
| #2 | 4.9765 | .32106 | 215.65 | 1.4656 | 3.3285 | .17010 | .18362 | .06218 | .64332 |

|        |        |        |         |        |         |         |  |  |  |
|--------|--------|--------|---------|--------|---------|---------|--|--|--|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 | U_ 3859 |  |  |  |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   |  |  |  |
| Avg    | 1.4587 | 3.9948 | .4490   | 39.687 | 116.50  | 52911   |  |  |  |
| Stddev | .0041  | .0188  | .0001   | .153   | 2.17    | 7.8715  |  |  |  |
| %RSD   | .28003 | .26891 | .0154   | .38676 | 1.8590  | 1487.7  |  |  |  |

|    |        |        |       |        |        |         |  |  |  |
|----|--------|--------|-------|--------|--------|---------|--|--|--|
| #1 | 1.4559 | 6.9815 | .4490 | 39.578 | 118.03 | -5.0369 |  |  |  |
| #2 | 1.4616 | 7.0081 | .4491 | 39.795 | 114.97 | 6.0951  |  |  |  |

Sample Name: S4      Acquired: 2/6/2018 11:03:28      Type: Cal  
Method: P4-ICP2(v1983)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2410.0  | 51822.  | 5341.3  | 79.592 | 2687.2 |
| Stddev    | 8.5     | 24.     | 11.6    | .034   | 3.7    |
| %RSD      | .35451  | .04680  | .21745  | .04222 | .13645 |
| #1        | 2404.0  | 51839.  | 5333.1  | 79.568 | 2684.6 |
| #2        | 2416.0  | 51804.  | 5349.5  | 79.616 | 2689.8 |

Sample Name: S5      Acquired: 2/6/2018 11:07:20      Type: Cal

Method: P4-ICP2(v1983)      Mode: IR      Corr. Factor: 1.000000

User: JASWAL/BINHE      Custom ID1:      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    | .53652 | 1.2422 | 2.0961 | .69118 | 1.5673 | .16424 | 79.537 | .33655 |
| Stddev | .00030 | .0037  | .0005  | .00107 | .0011  | .00012 | 1.570  | .00035 |
| %RSD   | .05510 | .29869 | .02471 | .15501 | .06810 | .07259 | 1.9734 | .10260 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .53631 | 1.2448 | 2.0957 | .69042 | 1.5665 | .16415 | 78.427 | .33630 |
| #2 | .53673 | 1.2396 | 2.0965 | .69194 | 1.5681 | .16432 | 80.646 | .33679 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 15.749 | 2.3401 | .22173 | 5.6033 | 1.6853 | 15.503 | 4.6555 | .51273 |
| Stddev | .011   | .0004  | .00038 | .0008  | .0019  | .560   | .0004  | .00272 |
| %RSD   | .07244 | .01893 | .16987 | .01367 | .11559 | 3.6131 | .00768 | .53030 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 15.757 | 2.3397 | .22146 | 5.6027 | 1.6840 | 15.107 | 4.6558 | .51081 |
| #2 | 15.741 | 2.3404 | .22199 | 5.6038 | 1.6867 | 15.899 | 4.6553 | .51466 |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   |
| Avg    | 2.8932 | .33742 | 9.9531 | .63544  | 425.61 | 2.9469  | 3.6000 | .33943  |
| Stddev | .0048  | .00004 | .0145  | .00076  | 14.64  | .0046   | .0169  | .00095  |
| %RSD   | .16593 | .01282 | .14534 | .11921  | 3.4386 | .15763  | .25672 | .27882  |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.8966 | .33745 | 9.9634 | .63491 | 415.26 | 2.9502 | 6.5881 | .33876 |
| #2 | 2.8898 | .33739 | 9.9429 | .63598 | 435.96 | 2.9436 | 6.6120 | .34009 |

|        |         |        |        |        |        |         |        |         |
|--------|---------|--------|--------|--------|--------|---------|--------|---------|
| Elem   | S_ 1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 |
| Units  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   |
| Avg    | .38102  | .12353 | 1.3043 | 2.8985 | 13.992 | .9295   | 78.019 | 123.51  |
| Stddev | .00130  | .00119 | .0006  | .0031  | .009   | .0029   | .299   | 9.25    |
| %RSD   | .34025  | .96721 | .04722 | .10606 | .06383 | .3115   | .38376 | 7.4909  |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | .38194 | .12269 | 1.3047 | 2.9006 | 13.998 | .9316 | 77.808 | 116.96 |
| #2 | .38011 | .12438 | 1.3038 | 2.8963 | 13.986 | .9275 | 78.231 | 130.05 |

Sample Name: S5      Acquired: 2/6/2018 11:07:20      Type: Cal  
Method: P4-ICP2(v1983)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |         |
|--------|---------|
| Elem   | U_ 3859 |
| Units  | Cts/S   |
| Avg    | 8.9744  |
| Stddev | 1.0501  |
| %RSD   | 11.701  |

|    |         |
|----|---------|
| #1 | -9.7170 |
| #2 | -8.2319 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2364.0  | 51151.  | 5278.5  | 78.101 | 2555.6 |
| Stddev    | .0      | 33.     | 6.0     | 2.515  | 7.0    |
| %RSD      | .00132  | .06373  | .11325  | 3.2202 | .27277 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2364.1 | 51128. | 5274.3 | 79.879 | 2550.6 |
| #2 | 2364.0 | 51174. | 5282.8 | 76.322 | 2560.5 |



Sample Name: ICV01      Acquired: 2/6/2018 11:39:22      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .97257 | .99901 | .95588 | .97730 | .94661 | 2.4578 | .50004 | .46918 |
| Stddev | .00120 | .00077 | .00085 | .00924 | .00297 | .0000  | .00164 | .00170 |
| %RSD   | .12357 | .07720 | .08874 | .94552 | .31419 | .00104 | .32840 | .36265 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .97342 | .99846 | .95528 | .97077 | .94451 | 2.4578 | .49888 | .46798 |
| #2 | .97172 | .99955 | .95648 | .98383 | .94871 | 2.4578 | .50120 | .47038 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .47486 | 9.8726 | .47602 | .47820 | .50523 | 4.8740 | .49978 | 5.8718 |
| Stddev | .00100 | .0623  | .00015 | .00264 | .00289 | .0344  | .00159 | .0315  |
| %RSD   | .21113 | .63100 | .03117 | .55286 | .57220 | .70547 | .31744 | .53699 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .47415 | 9.8286 | .47613 | .47633 | .50319 | 4.8497 | .49865 | 5.8941 |
| #2 | .47557 | 9.9167 | .47592 | .48007 | .50728 | 4.8983 | .50090 | 5.8495 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .48102 | .48395 | 9.6592 | .48616 | 1.0087 | 9.9450 | 2.5621 | 2.6461 |
| Stddev | .00024 | .00082 | .0160  | .00008 | .0201  | .0408  | .0040  | .0268  |
| %RSD   | .04909 | .16938 | .16556 | .01602 | 1.9961 | .41014 | .15749 | 1.0114 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .48086 | .48337 | 9.6479 | .48621 | .99448 | 9.9738 | 2.5593 | 2.6271 |
| #2 | .48119 | .48452 | 9.6705 | .48610 | 1.0230 | 9.9161 | 2.5650 | 2.6650 |

|        |          |        |        |        |          |         |          |          |
|--------|----------|--------|--------|--------|----------|---------|----------|----------|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707   | P_1774  | Sr4077   | U_3670   |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm      | ppm     | ppm      | ppm      |
| Avg    | F .00018 | 2.4576 | 2.4628 | 2.5750 | F .00104 | F .0025 | F .01078 | F 2.0086 |
| Stddev | .00279   | .0383  | .0026  | .0141  | .00014   | .0017   | .00002   | .7321    |
| %RSD   | 1534.9   | 1.5601 | .10343 | .54800 | 13.593   | 67.00   | .18867   | 36.451   |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00216  | 2.4847 | 2.4646 | 2.5651 | .00094 | -.0013 | .01077 | 1.4909 |
| #2 | -.00179 | 2.4304 | 2.4610 | 2.5850 | .00114 | -.0037 | .01080 | 2.5263 |

Sample Name: ICV01      Acquired: 2/6/2018 11:39:22      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem            U\_3859  
Units           ppm  
Avg            F 3.0795  
Stddev        2.9780  
%RSD         96.704

#1             5.1853  
#2             .97373

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2486.3  | 53185.  | 5332.2  | 30.755 | 2869.4 |
| Stddev    | 2.2     | 30.     | 34.9    | 1.242  | 6.0    |
| %RSD      | .08980  | .05561  | .65416  | 1.5382 | .20743 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2484.7 | 53164. | 5356.9 | 81.634 | 2865.2 |
| #2 | 2487.8 | 53206. | 5307.5 | 79.877 | 2873.6 |

Sample Name: LLICV01      Acquired: 2/6/2018 11:43:56      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02030 | .04158 | .01202 | .01598 | .04934 | .11235 | .10569 |
| Stddev | .00031 | .00017 | .00011 | .00206 | .00148 | .00166 | .00159 |
| %RSD   | 1.5301 | .40015 | .95364 | 12.882 | 2.9899 | 1.4750 | 1.5075 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02052 | .04170 | .01194 | .01452 | .05039 | .11117 | .10456 |
| #2 | .02008 | .04146 | .01210 | .01744 | .04830 | .11352 | .10681 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00635 | .00586 | 2.0989 | .01117 | .03069 | .02242 | .08885 |
| Stddev | .00005 | .00008 | .0396  | .00006 | .00028 | .00027 | .02005 |
| %RSD   | .79887 | 1.3398 | 1.8856 | .53268 | .91720 | 1.2038 | 22.562 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00631 | .00592 | 2.0709 | .01121 | .03089 | .02223 | .10303 |
| #2 | .00638 | .00581 | 2.1268 | .01112 | .03049 | .02262 | .07468 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02254 | 2.1321 | .04039 | .01013 | 2.0189 | .04176 | .04247 |
| Stddev | .00006 | .0498  | .00026 | .00009 | .0430  | .00074 | .00055 |
| %RSD   | .28088 | 2.3380 | .64057 | .85225 | 2.1308 | 1.7691 | 1.3008 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02258 | 2.0968 | .04058 | .01007 | 1.9885 | .04123 | .04208 |
| #2 | .02249 | 2.1673 | .04021 | .01019 | 2.0493 | .04228 | .04286 |

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820  | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | 2.0907 | .21428 | .09901 | F_01359 | .41290 | .04076 | .04268 |
| Stddev | .0310  | .00002 | .00528 | .00333  | .01567 | .00011 | .00079 |
| %RSD   | 1.4809 | .00771 | 5.3364 | 24.475  | 3.7962 | .26052 | 1.8487 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0688 | .21427 | .10274 | .01124 | .40182 | .04083 | .04212 |
| #2 | 2.1125 | .21429 | .09527 | .01594 | .42399 | .04068 | .04323 |

Sample Name: LLICV01      Acquired: 2/6/2018 11:43:56      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .01745 | .0177  | .02165 | F 3.3958 | F<00000 |
| Stddev | .00080 | .0000  | .00062 | .2887    | 3.1271  |
| %RSD   | 4.5903 | .1587  | 2.8459 | 8.5016   | 103.82  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .01688 | .0177 | .02121 | 3.1917 | -.80083 |
| #2 | .01801 | .0177 | .02208 | 3.6000 | -5.2233 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2548.5  | 55180.  | 5427.5  | 34.532 | 3017.8 |
| Stddev    | 1.3     | 117.    | 107.8   | .939   | 2.7    |
| %RSD      | .04975  | .21140  | 1.9871  | 1.1103 | .09022 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2549.4 | 55263. | 5503.7 | 85.195 | 3019.7 |
| #2 | 2547.6 | 55098. | 5351.2 | 83.868 | 3015.9 |

Sample Name: ICB01      Acquired: 2/6/2018 11:48:00      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00065 | .00046 | .00017 | .00025 | .00091 | .00440 | .00042 |
| Stddev | .00063 | .00052 | .00100 | .00312 | .00105 | .00987 | .00071 |
| %RSD   | 96.956 | 113.80 | 572.61 | 1225.9 | 115.06 | 224.35 | 171.07 |

|    |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00021 | -.00009 | -.00053 | .00195  | -.00017 | .01137  | .00009  |
| #2 | -.00110 | -.00083 | .00088  | -.00246 | -.00165 | -.00258 | -.00092 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .00009 | .01935 | .00014 | .00019 | .00061 | .00188 |
| Stddev | .00006 | .00003 | .00989 | .00032 | .00034 | .00004 | .00132 |
| %RSD   | 94.223 | 36.549 | 51.114 | 224.72 | 177.91 | 6.0792 | 70.541 |

|    |        |         |        |         |         |        |        |
|----|--------|---------|--------|---------|---------|--------|--------|
| #1 | .00002 | -.00011 | .02635 | .00008  | -.00005 | .00063 | .00094 |
| #2 | .00010 | -.00007 | .01236 | -.00037 | .00044  | .00058 | .00281 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00008 | .01710 | .00006 | .00014 | .04402 | .00011 | .00041 |
| Stddev | .00004 | .03075 | .00012 | .00001 | .00996 | .00036 | .00002 |
| %RSD   | 51.654 | 179.82 | 188.58 | 7.6055 | 22.625 | 314.08 | 4.3338 |

|    |        |         |         |         |         |         |         |
|----|--------|---------|---------|---------|---------|---------|---------|
| #1 | .00011 | -.00464 | .00002  | -.00013 | -.05107 | .00014  | -.00040 |
| #2 | .00005 | .03885  | -.00015 | -.00015 | -.03698 | -.00037 | -.00042 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01555 | .00056 | .00122 | .00555 | .00550 | .00033 | .00124 |
| Stddev | .04236 | .00002 | .00478 | .00541 | .05106 | .00048 | .00004 |
| %RSD   | 272.48 | 3.2035 | 393.11 | 97.575 | 928.27 | 147.20 | 2.8887 |

|    |         |        |         |         |         |         |        |
|----|---------|--------|---------|---------|---------|---------|--------|
| #1 | .04550  | .00058 | -.00460 | -.00172 | .04161  | -.00067 | .00126 |
| #2 | -.01441 | .00055 | .00217  | -.00938 | -.03060 | .00001  | .00121 |

Sample Name: ICB01      Acquired: 2/6/2018 11:48:00      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .00146 | .0012  | .00005 | F 4.0125 | F<00000 |
| Stddev | .00069 | .0003  | .00008 | .7535    | 2.2941  |
| %RSD   | 47.536 | 26.33  | 173.74 | 18.779   | 105.79  |

|    |         |        |         |        |         |
|----|---------|--------|---------|--------|---------|
| #1 | -.00097 | -.0014 | -.00011 | 3.4797 | -.54630 |
| #2 | -.00195 | -.0010 | .00001  | 4.5453 | -3.7906 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2501.9  | 56073.  | 5243.4  | 30.641 | 2946.4 |
| Stddev    | 5.4     | 3323.   | 55.4    | 3.368  | 6.3    |
| %RSD      | .21571  | 5.9260  | 1.0570  | 4.1770 | .21543 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2498.1 | 53723. | 5282.6 | 83.023 | 2941.9 |
| #2 | 2505.7 | 58423. | 5204.2 | 78.259 | 2950.9 |

Sample Name: CRI01      Acquired: 2/6/2018 11:52:08      Type: Unk

Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000

User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:

Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02172 | .04157 | .01160 | .01747 | .04763 | .10774 | .10713 |
| Stddev | .00378 | .00125 | .00083 | .00055 | .00249 | .00332 | .00050 |
| %RSD   | 17.419 | 3.0116 | 7.1770 | 3.1496 | 5.2244 | 3.0814 | .46455 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02440 | .04069 | .01101 | .01708 | .04587 | .10539 | .10678 |
| #2 | .01905 | .04246 | .01219 | .01786 | .04939 | .11009 | .10748 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00638 | .00574 | 2.1254 | .01135 | .03002 | .02181 | .09784 |
| Stddev | .00001 | .00028 | .0413  | .00028 | .00140 | .00063 | .00270 |
| %RSD   | .20716 | 4.9124 | 1.9417 | 2.5069 | 4.6472 | 2.8740 | 2.7628 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00639 | .00554 | 2.0962 | .01114 | .02903 | .02137 | .09592 |
| #2 | .00637 | .00594 | 2.1546 | .01155 | .03101 | .02226 | .09975 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02282 | 2.2182 | .03974 | .00987 | 2.0477 | .04218 | .04246 |
| Stddev | .00017 | .0217  | .00185 | .00006 | .0150  | .00020 | .00042 |
| %RSD   | .76530 | .97690 | 4.6464 | .60451 | .73093 | .47627 | .99478 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02270 | 2.2335 | .03843 | .00992 | 2.0371 | .04232 | .04216 |
| #2 | .02294 | 2.2029 | .04104 | .00983 | 2.0583 | .04204 | .04275 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1438 | .20883 | .10939 | .01487 | .42087 | .03930 | .04245 |
| Stddev | .0258  | .00943 | .01470 | .00072 | .00169 | .00051 | .00286 |
| %RSD   | 1.2047 | 4.5158 | 13.439 | 4.8523 | .40256 | 1.2856 | 6.7379 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1255 | .20216 | .09899 | .01436 | .42207 | .03894 | .04447 |
| #2 | 2.1620 | .21550 | .11979 | .01538 | .41968 | .03966 | .04043 |

Sample Name: CRI01      Acquired: 2/6/2018 11:52:08      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .01910 | .0187  | .02189 | F 3.3127 | F<00000 |
| Stddev | .00186 | .0004  | .00004 | .6230    | 1.9888  |
| %RSD   | 9.7526 | 2.146  | .17656 | 18.808   | 160.81  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .01779 | .0184 | .02191 | 2.8721 | -2.6430 |
| #2 | .02042 | .0190 | .02186 | 3.7532 | .16957  |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2612.4  | 54692.  | 5406.0  | 33.689 | 3080.4 |
| Stddev    | 98.3    | 213.    | 13.2    | .280   | 118.1  |
| %RSD      | 3.7628  | .38928  | .24442  | .33413 | 3.8341 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2681.9 | 54842. | 5415.3 | 83.886 | 3163.9 |
| #2 | 2542.9 | 54541. | 5396.6 | 83.491 | 2996.9 |



Sample Name: IC5A01      Acquired: 2/6/2018 11:56:16      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00626 | .00024 | .00026 | .00310 | .00272 | 279.19 | .00522 |
| Stddev | .00185 | .00276 | .00013 | .00142 | .00226 | 1.22   | .00149 |
| %RSD   | 29.557 | 1145.3 | 50.047 | 45.721 | 83.203 | .43563 | 28.494 |

|    |        |         |         |        |        |        |        |
|----|--------|---------|---------|--------|--------|--------|--------|
| #1 | .00495 | .00171  | -.00035 | .00411 | .00431 | 278.33 | .00417 |
| #2 | .00757 | -.00219 | -.00017 | .00210 | .00112 | 280.05 | .00627 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00030 | .00284 | 247.74 | .05575 | .00094 | .00852 | 100.08 |
| Stddev | .00013 | .00004 | 1.59   | .00090 | .00008 | .00045 | 2.01   |
| %RSD   | 44.183 | 1.4076 | .64377 | 1.6189 | 8.2104 | 5.2949 | 2.0078 |

|    |         |        |        |        |        |         |        |
|----|---------|--------|--------|--------|--------|---------|--------|
| #1 | -.00021 | .00287 | 246.61 | .05639 | .00088 | -.00820 | 98.660 |
| #2 | -.00039 | .00282 | 248.87 | .05512 | .00099 | -.00884 | 101.50 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02127 | 263.35 | .00920 | .00517 | .01009 | .00200 | .00197 |
| Stddev | .00008 | 1.78   | .00040 | .00061 | .00695 | .00046 | .00016 |
| %RSD   | .39083 | .67622 | 4.3771 | 11.805 | 68.900 | 22.902 | 8.0468 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .02133 | 262.09 | .00949 | -.00560 | .01501 | .00168 | .00208 |
| #2 | .02121 | 264.61 | .00892 | -.00474 | .00518 | .00232 | .00186 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01605 | .00024 | .00608 | .01161 | .01519 | .00002 | .00100 |
| Stddev | .01956 | .00041 | .00100 | .01007 | .00996 | .00075 | .00101 |
| %RSD   | 121.89 | 172.84 | 16.499 | 86.750 | 65.575 | 3925.9 | 101.18 |

|    |         |         |        |         |        |         |         |
|----|---------|---------|--------|---------|--------|---------|---------|
| #1 | -.00222 | -.00005 | .00679 | -.01873 | .00815 | .00051  | -.00171 |
| #2 | -.02988 | .00053  | .00537 | -.00449 | .02223 | -.00055 | -.00028 |

Sample Name: IC5A01      Acquired: 2/6/2018 11:56:16      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .00617 | .0029  | .08669 | F<00000 | F 52.814 |
| Stddev | .00082 | .0025  | .00070 | .37635  | .137     |
| %RSD   | 13.357 | 83.95  | .80375 | .68870  | .25908   |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .00676 | .0047 | .08619 | -54.913 | 52.718 |
| #2 | .00559 | .0012 | .08718 | -54.380 | 52.911 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2278.5  | 48373.  | 5165.3  | 76.033 | 2446.1 |
| Stddev    | 1.5     | 25.     | 2.3     | .959   | 1.5    |
| %RSD      | .06795  | .05210  | .04547  | 1.2618 | .06285 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2279.6 | 48391. | 5163.6 | 76.711 | 2445.0 |
| #2 | 2277.4 | 48356. | 5167.0 | 75.355 | 2447.2 |

Sample Name: ICSAB01      Acquired: 2/6/2018 12:00:28      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .11229 | .10312 | .05155 | .05697 | .61703 | 272.73 | .51957 |
| Stddev | .00066 | .00104 | .00346 | .00479 | .00814 | 3.10   | .01853 |
| %RSD   | .58884 | 1.0115 | 6.7041 | 8.4057 | 1.3200 | 1.1378 | 3.5669 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .11182 | .10386 | .05399 | .05359 | .62279 | 270.53 | .50647 |
| #2 | .11275 | .10238 | .04910 | .06036 | .61127 | 274.92 | .53268 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .54105 | 1.0171 | 237.26 | .54484 | .50849 | .50028 | 37.092 |
| Stddev | .00028 | .0101  | 9.60   | .00255 | .00468 | .00532 | 4.362  |
| %RSD   | .05098 | .98987 | 4.0471 | .46825 | .92131 | 1.0644 | 4.4931 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .54085 | 1.0242 | 230.47 | .54304 | .51180 | .50405 | 94.007 |
| #2 | .54124 | 1.0100 | 244.05 | .54665 | .50517 | .49652 | 100.18 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .53823 | 251.25 | 1.0114 | .20828 | .46784 | .50753 | 1.0299 |
| Stddev | .00087 | 9.72   | .0081  | .00059 | .02894 | .00356 | .0411  |
| %RSD   | .16155 | 3.8689 | .79903 | .28458 | 6.1865 | .70222 | 3.9926 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .53761 | 244.38 | 1.0171 | .20786 | .44738 | .50501 | 1.0008 |
| #2 | .53884 | 258.13 | 1.0057 | .20870 | .48831 | .51005 | 1.0590 |

|        |         |         |        |         |        |         |        |
|--------|---------|---------|--------|---------|--------|---------|--------|
| Elem   | K_7664  | Mo2020  | B_2496 | S_1820  | Si2881 | Sn1899  | Ti3361 |
| Units  | ppm     | ppm     | ppm    | ppm     | ppm    | ppm     | ppm    |
| Avg    | -.00029 | -.00001 | .00197 | -.01050 | .00550 | -.00217 | .00009 |
| Stddev | .00671  | .00030  | .00038 | .00097  | .02360 | .00115  | .00055 |
| %RSD   | 2305.0  | 2497.4  | 19.285 | 9.2884  | 428.99 | 52.843  | 599.31 |

|    |         |         |        |         |         |         |         |
|----|---------|---------|--------|---------|---------|---------|---------|
| #1 | .00446  | -.00023 | .00170 | -.00981 | -.01119 | -.00136 | .00048  |
| #2 | -.00504 | .00020  | .00223 | -.01119 | .02219  | -.00299 | -.00030 |

Sample Name: ICSAB01      Acquired: 2/6/2018 12:00:28      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |          |
|--------|--------|--------|--------|----------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm      |
| Avg    | .00467 | F.0027 | .08300 | F<.00000 | F 15.075 |
| Stddev | .00165 | .0003  | .00288 | 1.4452   | 3.961    |
| %RSD   | 35.308 | 9.644  | 3.4654 | 2.7200   | 8.7880   |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .00584 | .0025 | .08096 | -54.153 | 47.876 |
| #2 | .00351 | .0029 | .08503 | -52.110 | 42.274 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2277.8  | 48486.  | 5276.6  | 76.383 | 2444.8 |
| Stddev    | 15.9    | 65.     | 171.8   | 2.903  | 21.4   |
| %RSD      | .69790  | .13491  | 3.2556  | 3.8004 | .87671 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2266.5 | 48532. | 5398.0 | 78.435 | 2429.6 |
| #2 | 2289.0 | 48439. | 5155.1 | 74.330 | 2459.9 |

Sample Name: CCV01      Acquired: 2/6/2018 12:08:41      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.7392 | 4.7603 | 4.7018 | 4.7694 | 4.7779 | 10.086 | 10.055 | .24610 |
| Stddev | .1827  | .1887  | .1919  | .1945  | .1883  | .115   | .047   | .00135 |
| %RSD   | 3.8539 | 3.9649 | 4.0817 | 4.0774 | 3.9417 | 1.1358 | .46442 | .54791 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.8683 | 4.8937 | 4.8375 | 4.9069 | 4.9111 | 10.005 | 10.022 | .24515 |
| #2 | 4.6100 | 4.6268 | 4.5661 | 4.6319 | 4.6447 | 10.168 | 10.088 | .24705 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.3586 | 24.617 | .96552 | 2.3566 | 1.2043 | 4.9553 | 2.4964 | 24.581 |
| Stddev | .0918  | .175   | .00492 | .0980  | .0464  | .1677  | .0074  | .253   |
| %RSD   | 3.8934 | .71108 | .50920 | 4.1582 | 3.8495 | 3.3839 | .29600 | 1.0274 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4235 | 24.493 | .96204 | 2.4259 | 1.2371 | 4.8367 | 2.4912 | 24.402 |
| #2 | 2.2936 | 24.741 | .96899 | 2.2873 | 1.1715 | 5.0738 | 2.5016 | 24.759 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.3528 | 1.2103 | 24.356 | 2.4624 | 2.5187 | 25.085 | 4.7981 | 5.0963 |
| Stddev | .0925  | .0048  | .115   | .0095  | .0605  | .111   | .1853  | .0326  |
| %RSD   | 3.9294 | .39418 | .47173 | .38708 | 2.4006 | .44135 | 3.8614 | .63991 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4182 | 1.2070 | 24.275 | 2.4557 | 2.4759 | 25.006 | 4.9291 | 5.0732 |
| #2 | 2.2874 | 1.2137 | 24.437 | 2.4691 | 2.5615 | 25.163 | 4.6671 | 5.1194 |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 4.6937 | 4.8040 | 4.7005 | 4.9199 | 5.0286 | 4.758  | 4.9689 | F 3.4049 |
| Stddev | .1811  | .0459  | .1904  | .0275  | .0332  | .204   | .0336  | .5571    |
| %RSD   | 3.8584 | .95594 | 4.0502 | .55955 | .65957 | 4.291  | .67637 | 16.362   |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 4.8217 | 4.7715 | 4.8351 | 4.9004 | 5.0051 | 4.903 | 4.9451 | 3.7988 |
| #2 | 4.5656 | 4.8365 | 4.5659 | 4.9394 | 5.0520 | 4.614 | 4.9926 | 3.0109 |

Sample Name: CCV01      Acquired: 2/6/2018 12:08:41      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |         |
|--------|---------|
| Elem   | U_3859  |
| Units  | ppm     |
| Avg    | F1.2674 |
| Stddev | 2.7197  |
| %RSD   | 214.59  |

|    |         |
|----|---------|
| #1 | -.65574 |
| #2 | 3.1905  |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2471.9  | 51047.  | 5202.8  | 77.301 | 2760.4 |
| Stddev    | 85.6    | 10.     | .2      | 2.018  | 100.7  |
| %RSD      | 3.4615  | .02012  | .00434  | 2.6102 | 3.6471 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2411.4 | 51054. | 5202.6 | 78.728 | 2689.2 |
| #2 | 2532.4 | 51040. | 5202.9 | 75.874 | 2831.6 |

Sample Name: LLCCV01      Acquired: 2/6/2018 12:12:31      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02360 | .04277 | .01179 | .01713 | .04807 | .10952 | .10653 |
| Stddev | .00099 | .00099 | .00067 | .00132 | .00014 | .00380 | .00007 |
| %RSD   | 4.1800 | 2.3032 | 5.7082 | 7.6874 | .28745 | 3.4725 | .06149 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02291 | .04207 | .01132 | .01806 | .04817 | .11221 | .10658 |
| #2 | .02430 | .04346 | .01227 | .01620 | .04797 | .10683 | .10649 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00632 | .00588 | 2.0999 | .01107 | .03033 | .02158 | .10171 |
| Stddev | .00003 | .00012 | .0223  | .00021 | .00021 | .00042 | .00510 |
| %RSD   | .45053 | 2.0665 | 1.0611 | 1.9172 | .69503 | 1.9595 | 5.0175 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00630 | .00596 | 2.0842 | .01122 | .03048 | .02187 | .10532 |
| #2 | .00634 | .00579 | 2.1157 | .01092 | .03018 | .02128 | .09810 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02256 | 2.1749 | .04033 | .00970 | 2.0391 | .04143 | .04288 |
| Stddev | .00007 | .0289  | .00010 | .00061 | .0150  | .00011 | .00075 |
| %RSD   | .29394 | 1.3270 | .25308 | 6.2451 | .73485 | .25506 | 1.7474 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02260 | 2.1953 | .04040 | .00927 | 2.0285 | .04151 | .04341 |
| #2 | .02251 | 2.1545 | .04026 | .01013 | 2.0497 | .04136 | .04235 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1116 | .21153 | .09767 | .01779 | .43297 | .03888 | .04432 |
| Stddev | .0087  | .00186 | .00960 | .00014 | .02851 | .00054 | .00125 |
| %RSD   | .41130 | .88092 | 9.8279 | .80047 | 6.5854 | 1.4004 | 2.8267 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1177 | .21285 | .09088 | .01789 | .41281 | .03849 | .04343 |
| #2 | 2.1055 | .21022 | .10445 | .01769 | .45313 | .03926 | .04520 |

Sample Name: LLCCV01      Acquired: 2/6/2018 12:12:31      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .02066 | .0186  | .02208 | F 3.7043 | F<00000 |
| Stddev | .00081 | .0036  | .00010 | .4344    | 1.4540  |
| %RSD   | 3.9426 | 19.11  | .43385 | 11.727   | 92.786  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .02008 | .0211 | .02202 | 3.3971 | -.53890 |
| #2 | .02123 | .0161 | .02215 | 4.0114 | -2.5951 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2554.4  | 54402.  | 5309.2  | 32.134 | 3017.2 |
| Stddev    | 15.7    | 43.     | 9.8     | 1.180  | 13.6   |
| %RSD      | .61422  | .07910  | .18537  | 1.4362 | .45038 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2543.3 | 54372. | 5316.1 | 81.300 | 3007.6 |
| #2 | 2565.5 | 54433. | 5302.2 | 82.968 | 3026.8 |



Sample Name: CCB01      Acquired: 2/6/2018 12:16:41      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00056 | .00045 | .00019 | .00227 | .00119 | .00077 | .00006 | .00003 |
| Stddev | .00064 | .00099 | .00151 | .00236 | .00019 | .00806 | .00056 | .00006 |
| %RSD   | 112.96 | 216.80 | 791.33 | 103.82 | 15.946 | 1043.9 | 958.39 | 219.78 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00011 | .00024  | -.00088 | -.00394 | -.00132 | -.00493 | .00034  | .00007  |
| #2 | -.00101 | -.00115 | .00126  | -.00060 | -.00105 | .00647  | -.00046 | -.00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00807 | .00065 | .00020 | .00001 | .00590 | .00006 | .04713 |
| Stddev | .00008 | .00858 | .00024 | .00001 | .00018 | .00068 | .00004 | .00507 |
| %RSD   | 313.34 | 106.22 | 37.311 | 4.6990 | 1231.8 | 11.475 | 67.378 | 10.746 |

|    |         |        |        |        |         |         |        |        |
|----|---------|--------|--------|--------|---------|---------|--------|--------|
| #1 | .00008  | .00201 | .00048 | .00021 | .00011  | -.00542 | .00003 | .05072 |
| #2 | -.00003 | .01414 | .00083 | .00019 | -.00014 | -.00638 | .00009 | .04355 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00035 | .00004 | .03754 | .00013 | .00039 | .02244 | .00055 | .00027 |
| Stddev | .00007 | .00040 | .01238 | .00013 | .00014 | .00459 | .00015 | .00554 |
| %RSD   | 20.912 | 1046.4 | 32.968 | 101.08 | 35.542 | 20.438 | 27.937 | 2088.0 |

|    |         |         |         |        |         |         |        |         |
|----|---------|---------|---------|--------|---------|---------|--------|---------|
| #1 | -.00030 | -.00032 | -.02879 | .00023 | -.00049 | -.02569 | .00044 | .00418  |
| #2 | -.00041 | .00024  | -.04629 | .00004 | -.00029 | -.01920 | .00066 | -.00365 |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .00166 | .00043 | .00042 | .00479 | .00034 | .00004 | .00009 | F 1.9269 |
| Stddev | .00175 | .01224 | .00062 | .00041 | .00023 | .0029  | .00006 | .3482    |
| %RSD   | 105.64 | 2865.2 | 147.64 | 8.4749 | 67.947 | 643.3  | 63.859 | 7.0678   |

|    |         |         |         |        |        |        |        |        |
|----|---------|---------|---------|--------|--------|--------|--------|--------|
| #1 | -.00290 | -.00823 | .00086  | .00450 | .00050 | -.0025 | .00013 | 4.6807 |
| #2 | -.00042 | .00908  | -.00002 | .00507 | .00018 | .0016  | .00005 | 5.1732 |

Sample Name: CCB01      Acquired: 2/6/2018 12:16:41      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

Elem      U\_3859  
 Units      ppm  
 Avg      F.67077  
 Stddev      4.4659  
 %RSD      665.78

#1      3.8286  
 #2      -2.4871

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2516.7  | 53665.  | 5247.0  | 30.198 | 2965.4 |
| Stddev    | 5.4     | 68.     | 23.4    | 1.527  | 6.9    |
| %RSD      | .21378  | .12704  | .44527  | 1.9037 | .23288 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2512.9 | 53617. | 5263.5 | 81.277 | 2960.6 |
| #2 | 2520.5 | 53714. | 5230.5 | 79.118 | 2970.3 |

Sample Name: PB106296BL      Acquired: 2/6/2018 12:21:07      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |         |         |         |         |         |         |         |          |
|--------|---------|---------|---------|---------|---------|---------|---------|----------|
| Elem   | As1890  | Tl1908  | Pb2203  | Se1960  | Sb2068  | Al3961  | Ba4934  | Be2348   |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm      |
| Avg    | .00233  | .00167  | .00022  | .00172  | .00259  | .00496  | .00083  | .00005   |
| Stddev | .00180  | .00002  | .00036  | .00054  | .00194  | .00439  | .00007  | .00006   |
| %RSD   | 76.997  | .94262  | 162.51  | 31.297  | 75.198  | 88.426  | 8.9515  | 125.52   |
| #1     | -.00106 | .00168  | .00003  | -.00210 | -.00121 | -.00186 | .00078  | .00009   |
| #2     | -.00361 | .00166  | -.00048 | -.00134 | -.00396 | -.00807 | .00089  | .00001   |
| Elem   | Cd2265  | Ca3736  | Cr2677  | Co2286  | Cu2247  | Fe2404  | Mn2576  | Mg2790   |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm      |
| Avg    | .00004  | .00786  | .00027  | .00026  | .00013  | .00663  | .00007  | .04343   |
| Stddev | .00004  | .01542  | .00015  | .00024  | .00001  | .00381  | .00001  | .03152   |
| %RSD   | 89.615  | 196.27  | 55.941  | 91.470  | 9.3007  | 57.454  | 14.278  | 72.588   |
| #1     | .00002  | -.00305 | .00037  | .00043  | -.00014 | -.00933 | .00008  | .06572   |
| #2     | .00007  | .01876  | .00016  | .00009  | -.00012 | -.00394 | .00006  | .02114   |
| Elem   | Ni2316  | Ag3280  | Na5895  | V_2924  | Zn2138  | K_7664  | Mo2020  | B_2496   |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm      |
| Avg    | .00047  | .00018  | .04026  | .00009  | .00042  | .00624  | .00042  | .00143   |
| Stddev | .00009  | .00024  | .00497  | .00007  | .00005  | .03069  | .00036  | .00709   |
| %RSD   | 18.117  | 136.63  | 12.337  | 69.544  | 11.569  | 492.19  | 87.329  | 495.30   |
| #1     | -.00041 | -.00001 | -.04377 | .00014  | -.00038 | .01547  | .00067  | -.00358  |
| #2     | -.00054 | -.00035 | -.03674 | .00005  | -.00045 | -.02794 | .00016  | .00644   |
| Elem   | S_1820  | Si2881  | Sn1899  | Ti3361  | Li6707  | P_1774  | Sr4077  | U_3670   |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm      |
| Avg    | .00133  | .00865  | .00096  | .00239  | .00013  | .0009   | .00002  | F 4.4129 |
| Stddev | .00147  | .00173  | .00028  | .00180  | .00048  | .0011   | .00012  | .0261    |
| %RSD   | 110.05  | 20.018  | 29.204  | 75.360  | 352.79  | 118.6   | 702.37  | .59150   |
| #1     | -.00237 | .00743  | -.00116 | .00366  | .00047  | -.0001  | -.00007 | 4.3945   |
| #2     | -.00030 | .00988  | -.00076 | .00112  | -.00020 | -.0017  | .00011  | 4.4314   |

Sample Name: PB106296BL      Acquired: 2/6/2018 12:21:07      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

Elem      U\_3859  
 Units      ppm  
 Avg      F.46118  
 Stddev      .81736  
 %RSD      177.23

#1      1.0391  
 #2      -.11678

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2522.8  | 53600.  | 5229.0  | 31.282 | 2970.2 |
| Stddev    | 1.5     | 99.     | 38.8    | 2.256  | 2.2    |
| %RSD      | .06113  | .18559  | .74228  | 2.7759 | .07466 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2523.9 | 53530. | 5256.4 | 82.877 | 2968.7 |
| #2 | 2521.7 | 53670. | 5201.5 | 79.686 | 2971.8 |

Sample Name: PB106296BS      Acquired: 2/6/2018 12:25:14      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .74315 | 1.8919 | .91530 | 1.8719 | .73734 | 1.8952 | .19974 |
| Stddev | .00170 | .0014  | .00030 | .0034  | .00085 | .0013  | .00151 |
| %RSD   | .22934 | .07372 | .03286 | .18253 | .11570 | .07044 | .75348 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .74435 | 1.8928 | .91508 | 1.8743 | .73674 | 1.8962 | .19868 |
| #2 | .74194 | 1.8909 | .91551 | 1.8695 | .73794 | 1.8943 | .20081 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18934 | .18361 | 1.0118 | .38681 | .18507 | .30109 | 2.8913 |
| Stddev | .00060 | .00074 | .0144  | .00009 | .00057 | .00051 | .0070  |
| %RSD   | .31557 | .40524 | 1.4205 | .02199 | .30969 | .16925 | .24229 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18976 | .18414 | 1.0016 | .38675 | .18467 | .30073 | 2.8863 |
| #2 | .18892 | .18309 | 1.0220 | .38687 | .18548 | .30145 | 2.8962 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20096 | 2.0028 | .46748 | .06719 | 2.8976 | .28794 | .20346 |
| Stddev | .00081 | .0369  | .00084 | .00114 | .0165  | .00102 | .00001 |
| %RSD   | .40235 | 1.8424 | .17981 | 1.6971 | .57054 | .35595 | .00251 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20153 | 1.9767 | .46807 | .06800 | 2.8860 | .28866 | .20346 |
| #2 | .20038 | 2.0288 | .46688 | .06638 | 2.9093 | .28722 | .20347 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.9779 | .38124 | .28703 | 3.9471 | .91533 | .63210 | .19388 |
| Stddev | .0664  | .00045 | .01098 | .0201  | .01005 | .00240 | .00081 |
| %RSD   | .66507 | .11890 | 3.8251 | .22493 | 1.0982 | .37975 | .41918 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.9310 | .38156 | .27926 | 8.9613 | .90822 | .63380 | .19446 |
| #2 | 10.025 | .38092 | .29479 | 8.9329 | .92244 | .63040 | .19331 |

Sample Name: PB106296BS      Acquired: 2/6/2018 12:25:14      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .19818 | 5.271  | .19247 | F 2.8982 | F<00000 |
| Stddev | .00021 | .030   | .00133 | .9731    | 4.2685  |
| %RSD   | .10578 | .5745  | .69323 | 33.578   | 197.86  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .19833 | 5.293 | .19152 | 2.2100 | -5.1756 |
| #2 | .19804 | 5.250 | .19341 | 3.5863 | .86094  |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2508.8  | 53415.  | 5249.3  | 31.015 | 2941.5 |
| Stddev    | 5.2     | 403.    | 17.0    | .019   | 5.9    |
| %RSD      | .20817  | .75384  | .32466  | .02396 | .20102 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2505.1 | 53130. | 5261.3 | 81.029 | 2937.3 |
| #2 | 2512.5 | 53699. | 5237.2 | 81.001 | 2945.7 |

Sample Name: J1399-01      Acquired: 2/6/2018 12:29:14      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03872 | .00197 | .31758 | .10401 | .00496 | 125.30 | .75144 |
| Stddev | .00381 | .00194 | .00342 | .00467 | .00295 | .09    | .00349 |
| %RSD   | 9.8287 | 98.640 | 1.0758 | 4.4918 | 59.476 | .07265 | .46432 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .03603 | -.00060 | .32000 | .10732 | .00705 | 125.24 | .74898 |
| #2 | .04141 | -.00334 | .31517 | .10071 | .00287 | 125.37 | .75391 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00170 | .00269 | 130.86 | .20303 | .19394 | .71005 | .296.96 |
| Stddev | .00010 | .00052 | .88    | .00183 | .00089 | .00169 | 4.03    |
| %RSD   | 5.9090 | 19.420 | .67396 | .90344 | .45639 | .23742 | 1.3555  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00163 | .00232 | 130.23 | .20173 | .19456 | .70886 | 299.80 |
| #2 | .00177 | .00306 | 131.48 | .20433 | .19331 | .71124 | 294.11 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.9771 | 30.119 | .25719 | .00860 | 7.5438 | .67874 | .64233 |
| Stddev | .0039  | .896   | .00042 | .00076 | .0427  | .00074 | .00604 |
| %RSD   | .13040 | 1.1183 | .16182 | 8.8523 | .56626 | .10879 | .94093 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 2.9743 | 79.486 | .25689 | -.00806 | 7.5136 | .67822 | .64660 |
| #2 | 2.9798 | 80.753 | .25748 | -.00914 | 7.5741 | .67927 | .63805 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 22.687 | .00353 | .17778 | 14.364 | 3.2454 | .03486 | 7.0734 |
| Stddev | .148   | .00030 | .00725 | .023   | .0010  | .00193 | .0441  |
| %RSD   | .65254 | 8.3980 | 4.0763 | .16151 | .03049 | 5.5407 | .62315 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 22.583 | .00332 | .18290 | 14.348 | 3.2461 | .03623 | 7.0422 |
| #2 | 22.792 | .00374 | .17265 | 14.381 | 3.2447 | .03350 | 7.1045 |

Sample Name: J1399-01      Acquired: 2/6/2018 12:29:14      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .17506 | 21.88  | .23472 | F<00000 | F 39.874 |
| Stddev | .00093 | .03    | .00090 | .85990  | 3.131    |
| %RSD   | .53091 | .1249  | .38423 | .62797  | 3.1350   |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .17440 | 21.90 | .23408 | -136.33 | 102.09 |
| #2 | .17571 | 21.86 | .23536 | -137.54 | 97.660 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2893.7  | 32201.  | 3589.8  | 78.170 | 2546.5 |
| Stddev    | .1      | 227.    | 69.3    | .887   | 2.0    |
| %RSD      | .00373  | .36495  | 1.0509  | 1.1353 | .07677 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2893.8 | 62362. | 6638.8 | 77.542 | 2545.1 |
| #2 | 2893.6 | 62041. | 6540.9 | 78.797 | 2547.9 |



Sample Name: J1399-01DUP      Acquired: 2/6/2018 12:33:11      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03841 | .00085 | .31806 | .10482 | .00455 | 127.91 | .75616 |
| Stddev | .00238 | .00221 | .00123 | .00293 | .00253 | 2.76   | .00096 |
| %RSD   | 6.1967 | 259.47 | .38795 | 2.7999 | 55.586 | 2.1538 | .12727 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .03673 | .00071  | .31718 | .10274 | .00634 | 125.96 | .75548 |
| #2 | .04010 | -.00241 | .31893 | .10690 | .00276 | 129.86 | .75684 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00167 | .00275 | 131.54 | .20729 | .19430 | .70671 | .299.08 |
| Stddev | .00027 | .00095 | .09    | .00385 | .00011 | .00002 | 5.88    |
| %RSD   | 16.278 | 34.488 | .06578 | 1.8561 | .05533 | .00255 | 1.9646  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00187 | .00342 | 131.48 | .20457 | .19437 | .70670 | 294.92 |
| #2 | .00148 | .00208 | 131.60 | .21001 | .19422 | .70673 | 303.23 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.0340 | 30.373 | .25682 | .00830 | 7.5973 | .68876 | .64401 |
| Stddev | .0776  | .061   | .00016 | .00034 | .0077  | .01574 | .01212 |
| %RSD   | 2.5592 | .07575 | .06096 | 4.0635 | .10161 | 2.2858 | 1.8818 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 2.9791 | 80.416 | .25693 | -.00806 | 7.5919 | .67763 | .63545 |
| #2 | 3.0889 | 80.330 | .25671 | -.00854 | 7.6028 | .69989 | .65258 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 22.778 | .00307 | .19014 | 14.411 | 3.1450 | .03392 | 7.1211 |
| Stddev | .032   | .00029 | .00969 | .022   | .0049  | .00183 | .0085  |
| %RSD   | .14132 | 9.4704 | 5.0943 | .15581 | .15493 | 5.3979 | .11877 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 22.755 | .00327 | .18329 | 14.395 | 3.1484 | .03521 | 7.1151 |
| #2 | 22.801 | .00286 | .19699 | 14.427 | 3.1415 | .03262 | 7.1271 |

Sample Name: J1399-01DUP      Acquired: 2/6/2018 12:33:11      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .17300 | 21.88  | .23603 | F<00000 | F102.72 |
| Stddev | .00072 | .01    | .00012 | .02618  | 1.07    |
| %RSD   | .41434 | .0331  | .05256 | .01933  | 1.0409  |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .17351 | 21.87 | .23612 | -135.44 | 101.96 |
| #2 | .17249 | 21.88 | .23594 | -135.41 | 103.47 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2892.4  | 30955.  | 3570.3  | 77.765 | 2544.2 |
| Stddev    | 4.1     | 1141.   | 28.6    | 1.260  | 7.0    |
| %RSD      | .14055  | 1.8718  | .43518  | 1.6202 | .27398 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2889.5 | 61762. | 6550.1 | 78.656 | 2539.3 |
| #2 | 2895.2 | 60148. | 6590.5 | 76.874 | 2549.1 |

Sample Name: J1399-01LX5      Acquired: 2/6/2018 12:37:05      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01215 | .00055 | .05964 | .01607 | .00069 | 27.740 | .17465 |
| Stddev | .00004 | .00084 | .00015 | .00030 | .00189 | .136   | .00063 |
| %RSD   | .29571 | 151.68 | .25760 | 1.8829 | 273.58 | .49092 | .36196 |

|    |        |         |        |        |         |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|
| #1 | .01217 | -.00004 | .05975 | .01585 | -.00202 | 27.644 | .17420 |
| #2 | .01212 | .00115  | .05953 | .01628 | .00064  | 27.837 | .17510 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00050 | .00001 | 30.813 | .04778 | .03854 | .16607 | 58.571 |
| Stddev | .00003 | .00031 | .109   | .00018 | .00025 | .00053 | 1.846  |
| %RSD   | 5.8477 | 5625.7 | .35245 | .38209 | .65309 | .31737 | 3.1513 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .00048 | .00023  | 30.737 | .04791 | .03836 | .16644 | 57.266 |
| #2 | .00052 | -.00022 | 30.890 | .04765 | .03872 | .16570 | 59.876 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .70809 | 18.624 | .04887 | .00355 | 1.6909 | .15034 | .12615 |
| Stddev | .00081 | .038   | .00002 | .00032 | .0012  | .00020 | .00336 |
| %RSD   | .11461 | .20408 | .04108 | 8.9109 | .07193 | .12979 | 2.6658 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .70752 | 18.597 | .04886 | -.00378 | 1.6900 | .15048 | .12378 |
| #2 | .70866 | 18.651 | .04889 | -.00333 | 1.6917 | .15020 | .12853 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.2051 | .00104 | .02087 | 2.6545 | .69718 | .00599 | 1.6544 |
| Stddev | .0238  | .00008 | .00857 | .0050  | .02981 | .00007 | .0039  |
| %RSD   | .45738 | 7.9003 | 41.059 | .19025 | 4.2753 | 1.1239 | .23615 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.2219 | .00098 | .01481 | 2.6580 | .71826 | .00594 | 1.6516 |
| #2 | 5.1882 | .00110 | .02693 | 2.6509 | .67611 | .00603 | 1.6572 |

Sample Name: J1399-01LX5      Acquired: 2/6/2018 12:37:05      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .04135 | 4.195  | .05460 | F<00000 | 25.901 |
| Stddev | .00010 | .010   | .00030 | .29330  | 2.040  |
| %RSD   | .24589 | .2490  | .55411 | 1.3519  | 7.8749 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .04127 | 4.203 | .05439 | -21.488 | 27.344 |
| #2 | .04142 | 4.188 | .05481 | -21.903 | 24.459 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2572.9  | 55146.  | 5627.0  | 31.827 | 2815.9 |
| Stddev    | 4.1     | 161.    | 23.4    | 2.102  | 5.7    |
| %RSD      | .15766  | .29232  | .41566  | 2.5689 | .20402 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2570.0 | 55032. | 5610.4 | 83.314 | 2811.8 |
| #2 | 2575.8 | 55260. | 5643.5 | 80.341 | 2819.9 |

Sample Name: J1399-01MS      Acquired: 2/6/2018 12:41:06      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .61520 | 1.7018 | 1.1520 | 1.5182 | .57788 | 124.53 | .98045 |
| Stddev | .00205 | .0220  | .0083  | .0047  | .00800 | 4.16   | .07323 |
| %RSD   | .33354 | 1.2938 | .72427 | .31309 | 1.3847 | 3.3433 | 7.4689 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .61665 | 1.7174 | 1.1579 | 1.5216 | .58353 | 121.59 | .92867 |
| #2 | .61375 | 1.6862 | 1.1461 | 1.5149 | .57222 | 127.48 | 1.0322 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .14951 | .16924 | 141.02 | .47681 | .35996 | .86376 | 323.55 |
| Stddev | .00241 | .00597 | 11.10  | .01188 | .00666 | .01589 | 25.36  |
| %RSD   | 1.6116 | 3.5280 | 7.8718 | 2.4923 | 1.8499 | 1.8399 | 7.8372 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .14781 | .17346 | 133.17 | .46841 | .36467 | .87499 | 305.62 |
| #2 | .15121 | .16502 | 148.87 | .48522 | .35526 | .85252 | 341.48 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.0038 | 37.411 | .67241 | .04878 | 10.604 | .84623 | .88016 |
| Stddev | .0645  | 6.629  | .01044 | .00202 | .820   | .01521 | .05349 |
| %RSD   | 2.1460 | 7.5839 | 1.5525 | 4.1442 | 7.7310 | 1.7973 | 6.0778 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.9583 | 82.723 | .67979 | .04735 | 10.024 | .83548 | .84234 |
| #2 | 3.0494 | 92.098 | .66503 | .05021 | 11.183 | .85699 | .91799 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 32.913 | .28935 | .44345 | 22.658 | 4.2364 | .63394 | 7.8154 |
| Stddev | 2.272  | .00484 | .01627 | .304   | .3518  | .00828 | .6243  |
| %RSD   | 6.9025 | 1.6744 | 3.6697 | 1.3413 | 8.3041 | 1.3059 | 7.9877 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 31.306 | .29277 | .43194 | 22.873 | 3.9876 | .63979 | 7.3740 |
| #2 | 34.519 | .28592 | .45496 | 22.443 | 4.4851 | .62809 | 8.2569 |

Sample Name: J1399-01MS      Acquired: 2/6/2018 12:41:06      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .35976 | 25.89  | .41534 | F<00000 | F 35.425 |
| Stddev | .02706 | .37    | .03016 | 1.4467  | 2.497    |
| %RSD   | 7.5229 | 1.423  | 7.2611 | 1.1392  | 2.6163   |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .34063 | 26.16 | .39402 | -125.97 | 97.190 |
| #2 | .37890 | 25.63 | .43667 | -128.02 | 93.660 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2910.6  | 32649.  | 3058.6  | 71.762 | 2592.4 |
| Stddev    | 41.2    | 1034.   | 374.3   | 4.337  | 41.5   |
| %RSD      | 1.4164  | 1.6508  | 6.1778  | 6.0440 | 1.6002 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2881.5 | 63380. | 6323.2 | 74.829 | 2563.1 |
| #2 | 2939.8 | 61918. | 5793.9 | 68.695 | 2621.8 |

Sample Name: J1399-01MSD      Acquired: 2/6/2018 12:44:57      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .67991 | 1.9220 | 1.2630 | 1.6816 | .65578 | 124.24 | .91206 |
| Stddev | .00699 | .0056  | .0014  | .0063  | .00111 | .30    | .00185 |
| %RSD   | 1.0283 | .29365 | .11044 | .37665 | .16983 | .23976 | .20246 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .68485 | 1.9260 | 1.2640 | 1.6861 | .65657 | 124.03 | .91076 |
| #2 | .67497 | 1.9180 | 1.2620 | 1.6772 | .65499 | 124.45 | .91337 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .16563 | .19694 | 129.36 | .50823 | .39042 | .90370 | .290.45 |
| Stddev | .00031 | .00074 | .07    | .00099 | .00302 | .00605 | 3.76    |
| %RSD   | .18968 | .37588 | .05566 | .19527 | .77328 | .66941 | 1.2953  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .16541 | .19746 | 129.31 | .50893 | .39255 | .90798 | 287.79 |
| #2 | .16585 | .19641 | 129.41 | .50753 | .38828 | .89942 | 293.11 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.0539 | 30.415 | .73559 | .05118 | 9.8477 | .87301 | .82011 |
| Stddev | .0003  | .127   | .00343 | .00062 | .0046  | .00053 | .00751 |
| %RSD   | .00998 | .15808 | .46638 | 1.2097 | .04685 | .06049 | .91562 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.0541 | 80.505 | .73802 | .05074 | 9.8445 | .87338 | .81480 |
| #2 | 3.0537 | 80.325 | .73316 | .05162 | 9.8510 | .87264 | .82542 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 30.846 | .33021 | .40704 | 24.404 | 3.6723 | .71935 | 7.1798 |
| Stddev | .053   | .00096 | .00911 | .114   | .0208  | .00311 | .0173  |
| %RSD   | .17082 | .29157 | 2.2371 | .46614 | .56529 | .43241 | .24039 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 30.883 | .33089 | .40061 | 24.484 | 3.6870 | .72155 | 7.1676 |
| #2 | 30.809 | .32953 | .41348 | 24.323 | 3.6576 | .71715 | 7.1920 |

Sample Name: J1399-01MSD      Acquired: 2/6/2018 12:44:57      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .33843 | 27.13  | .39110 | F<00000 | F>37.472 |
| Stddev | .00072 | .18    | .00019 | .53131  | .691     |
| %RSD   | .21350 | .6514  | .04808 | .41824  | .70862   |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .33895 | 27.26 | .39123 | -126.66 | 97.961 |
| #2 | .33792 | 27.01 | .39096 | -127.41 | 96.984 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2867.1  | 31862.  | 3482.1  | 78.875 | 2531.8 |
| Stddev    | 12.6    | 56.     | 23.2    | .707   | 14.2   |
| %RSD      | .44037  | .09051  | .35842  | .89685 | .56115 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2858.2 | 61822. | 6465.7 | 79.376 | 2521.7 |
| #2 | 2876.1 | 61901. | 6498.5 | 78.375 | 2541.8 |



Sample Name: J1399-01A      Acquired: 2/6/2018 12:48:49      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .69469 | 1.9614 | 1.2805 | 1.7127 | .67365 | 128.31 | .90642 |
| Stddev | .00164 | .0048  | .0095  | .0084  | .00021 | 11.79  | .00540 |
| %RSD   | .23674 | .24268 | .74368 | .48963 | .03096 | 9.1917 | .59606 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .69353 | 1.9580 | 1.2738 | 1.7068 | .67380 | 136.65 | .90260 |
| #2 | .69586 | 1.9647 | 1.2872 | 1.7187 | .67350 | 119.97 | .91024 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .17732 | .20084 | 127.53 | .53856 | .39541 | .90558 | .292.85 |
| Stddev | .01945 | .00028 | .95    | .05994 | .00106 | .00248 | 12.08   |
| %RSD   | 10.969 | .13724 | .74275 | 11.130 | .26776 | .27401 | 4.1261  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .19107 | .20103 | 126.86 | .58095 | .39466 | .90734 | 284.31 |
| #2 | .16357 | .20064 | 128.20 | .49618 | .39616 | .90383 | 301.40 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.1865 | 79.612 | .74610 | .05385 | 9.7593 | .91593 | .83162 |
| Stddev | .3321  | .858   | .00252 | .00030 | .0485  | .09796 | .03884 |
| %RSD   | 10.422 | 1.0776 | .33724 | .55794 | .49724 | 10.695 | 4.6708 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.4213 | 79.006 | .74432 | .05363 | 9.7249 | .98520 | .80415 |
| #2 | 2.9517 | 80.219 | .74787 | .05406 | 9.7936 | .84666 | .85909 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 30.828 | .33785 | .41890 | 24.726 | 3.6608 | .73482 | 7.0838 |
| Stddev | .231   | .00011 | .00462 | .000   | .0681  | .00196 | .0738  |
| %RSD   | .74783 | .03300 | 1.1018 | .00122 | 1.8592 | .26618 | 1.0413 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 30.665 | .33777 | .41564 | 24.726 | 3.6127 | .73343 | 7.0316 |
| #2 | 30.991 | .33793 | .42216 | 24.726 | 3.7089 | .73620 | 7.1359 |

Sample Name: J1399-01A      Acquired: 2/6/2018 12:48:49      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .34128 | 27.23  | .39091 | F<00000 | F 39.262 |
| Stddev | .00024 | .05    | .00306 | 1.0471  | 5.888    |
| %RSD   | .07158 | .1901  | .78398 | .81667  | 5.9317   |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .34145 | 27.19 | .38874 | -127.48 | 103.42 |
| #2 | .34111 | 27.27 | .39308 | -128.96 | 95.098 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2869.5  | 50155.  | 3548.2  | 78.197 | 2534.7 |
| Stddev    | 10.9    | 5276.   | 69.8    | 3.431  | 5.3    |
| %RSD      | .38074  | 8.7709  | 1.0666  | 4.3873 | .21063 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2861.7 | 56425. | 6597.6 | 80.623 | 2531.0 |
| #2 | 2877.2 | 63886. | 6498.8 | 75.771 | 2538.5 |

Sample Name: J1444-01      Acquired: 2/6/2018 12:52:41      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02743 | .00110 | .22265 | .02826 | .00100 | 52.626 | .10181 |
| Stddev | .00037 | .00077 | .00300 | .00012 | .00048 | .060   | .00044 |
| %RSD   | 1.3602 | 70.113 | 1.3482 | .42697 | 48.187 | .11480 | .43053 |

|    |        |        |        |        |         |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|
| #1 | .02770 | .00056 | .22478 | .02818 | -.00066 | 52.668 | .10150 |
| #2 | .02717 | .00165 | .22053 | .02835 | -.00133 | 52.583 | .10212 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00188 | .00079 | 16.270 | .07478 | .01668 | .03878 | 36.438 |
| Stddev | .00004 | .00010 | .069   | .00028 | .00048 | .00019 | .028   |
| %RSD   | 1.9779 | 13.014 | .42657 | .36790 | 2.9008 | .49094 | .04276 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00186 | .00071 | 16.221 | .07458 | .01633 | .03864 | 66.418 |
| #2 | .00191 | .00086 | 16.319 | .07497 | .01702 | .03891 | 66.458 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .33221 | 28.986 | .04849 | .00244 | 131.38 | .11908 | .33656 |
| Stddev | .00116 | .296   | .00028 | .00002 | .88    | .00011 | .00000 |
| %RSD   | .34827 | 1.0216 | .58761 | .64203 | .66682 | .08983 | .00023 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .33303 | 28.777 | .04869 | -.00243 | 130.76 | .11900 | .33656 |
| #2 | .33139 | 29.196 | .04828 | -.00245 | 132.00 | .11915 | .33656 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.829 | .04909 | .20611 | 39.486 | 2.3320 | .02307 | .73965 |
| Stddev | .095   | .00012 | .00927 | .385   | .0225  | .00028 | .00233 |
| %RSD   | .87903 | .23576 | 4.4958 | .43025 | .96483 | 1.1987 | .31564 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.761 | .04901 | .19956 | 89.758 | 2.3161 | .02288 | .73799 |
| #2 | 10.896 | .04917 | .21266 | 89.214 | 2.3480 | .02327 | .74130 |

Sample Name: J1444-01      Acquired: 2/6/2018 12:52:41      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .20738 | 2.257  | .29235 | F<00000 | 38.209 |
| Stddev | .00124 | .012   | .00194 | .79457  | .915   |
| %RSD   | .59766 | .5264  | .66351 | 3.3358  | 2.3944 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .20650 | 2.266 | .29098 | -24.381 | 37.562 |
| #2 | .20825 | 2.249 | .29373 | -23.257 | 38.856 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2538.3  | 54197.  | 5610.4  | 30.686 | 2711.5 |
| Stddev    | 1.1     | 97.     | 28.9    | .019   | 8.2    |
| %RSD      | .04433  | .17876  | .51517  | .02406 | .30114 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2537.5 | 54129. | 5630.8 | 80.700 | 2705.8 |
| #2 | 2539.1 | 54266. | 5590.0 | 80.672 | 2717.3 |

Sample Name: CCV02      Acquired: 2/6/2018 13:05:08      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.7401 | 4.7336 | 4.6686 | 4.7666 | 4.7864 | 9.9185 | 10.267 | .23892 |
| Stddev | .0014  | .0087  | .0170  | .0026  | .0012  | .0356  | .978   | .00224 |
| %RSD   | .03057 | .18306 | .36437 | .05492 | .02435 | .35888 | 9.5286 | .93856 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.7390 | 4.7274 | 4.6566 | 4.7648 | 4.7872 | 9.9437 | 10.959 | .23733 |
| #2 | 4.7411 | 4.7397 | 4.6806 | 4.7685 | 4.7856 | 9.8934 | 9.5756 | .24050 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.3397 | 24.919 | .93622 | 2.3383 | 1.1982 | 4.9494 | 2.4199 | 24.783 |
| Stddev | .0079  | 2.250  | .00499 | .0115  | .0004  | .3672  | .0182  | 2.395  |
| %RSD   | .33866 | 9.0286 | .53333 | .48974 | .03334 | 7.4182 | .75149 | 9.6640 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.3341 | 26.509 | .93269 | 2.3302 | 1.1979 | 5.2090 | 2.4071 | 26.477 |
| #2 | 2.3453 | 23.328 | .93975 | 2.3464 | 1.1985 | 4.6898 | 2.4328 | 23.090 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.3331 | 1.1763 | 24.815 | 2.3943 | 2.4672 | 25.456 | 4.7974 | 5.1509 |
| Stddev | .0062  | .0012  | 2.282  | .0137  | .1641  | 2.265  | .0114  | .4537  |
| %RSD   | .26495 | .10154 | 9.1962 | .57046 | 6.6535 | 8.8995 | .23783 | 8.8091 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.3287 | 1.1755 | 26.428 | 2.3847 | 2.5833 | 27.058 | 4.7893 | 5.4718 |
| #2 | 2.3374 | 1.1772 | 23.201 | 2.4040 | 2.3511 | 23.854 | 4.8055 | 4.8301 |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 4.7022 | 4.8702 | 4.6697 | 5.0199 | 5.1098 | 4.736  | 5.0624 | F 3.3476 |
| Stddev | .0223  | .4091  | .0168  | .4724  | .4760  | .014   | .4877  | .1326    |
| %RSD   | .47379 | 8.4009 | .35868 | 9.4105 | 9.3163 | .2882  | 9.6330 | 3.9626   |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 4.6864 | 5.1595 | 4.6579 | 5.3539 | 5.4464 | 4.726 | 5.4073 | 3.4414 |
| #2 | 4.7179 | 4.5809 | 4.6816 | 4.6859 | 4.7732 | 4.745 | 4.7176 | 3.2538 |

Sample Name: CCV02      Acquired: 2/6/2018 13:05:08      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

Elem      U\_3859  
 Units      ppm  
 Avg      F 2.3941  
 Stddev      .2910  
 %RSD      12.155

#1      2.5999  
 #2      2.1884

| Int. Std. | Y_ 2243                                   | Y_ 3600                                   | Y_ 3710                                   | In2306                                    | In2306                                    |
|-----------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|
| Units     | Cts/S                                     | Cts/S                                     | Cts/S                                     | Cts/S                                     | Cts/S                                     |
| Avg       | <span style="color: green;">2494.4</span> | <span style="color: green;">52916.</span> | <span style="color: green;">5264.8</span> | <span style="color: green;">79.688</span> | <span style="color: green;">2796.7</span> |
| Stddev    | .3                                        | 242.                                      | 464.8                                     | 5.435                                     | 4.3                                       |
| %RSD      | .01005                                    | .45687                                    | 8.8276                                    | 6.8201                                    | .15216                                    |

|    |                                           |                                           |                                           |                                           |                                           |
|----|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|
| #1 | <span style="color: green;">2494.6</span> | <span style="color: green;">53087.</span> | <span style="color: green;">4936.1</span> | <span style="color: green;">75.845</span> | <span style="color: green;">2799.7</span> |
| #2 | <span style="color: green;">2494.3</span> | <span style="color: green;">52745.</span> | <span style="color: green;">5593.4</span> | <span style="color: green;">83.531</span> | <span style="color: green;">2793.7</span> |

Sample Name: CCB02      Acquired: 2/6/2018 13:08:57      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00026 | .00245 | .00081 | .00045 | .00056 | .00305 | .00006 |
| Stddev | .00071 | .00114 | .00081 | .00340 | .00129 | .00639 | .00033 |
| %RSD   | 271.90 | 46.513 | 99.363 | 764.51 | 229.65 | 209.80 | 531.71 |

|    |         |        |        |         |         |         |         |
|----|---------|--------|--------|---------|---------|---------|---------|
| #1 | .00024  | .00165 | .00139 | -.00285 | -.00147 | .00757  | -.00017 |
| #2 | -.00076 | .00326 | .00024 | .00196  | .00035  | -.00147 | .00029  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .00001 | .00462 | .00015 | .00024 | .00008 | .01259 |
| Stddev | .00002 | .00007 | .00903 | .00025 | .00014 | .00014 | .00580 |
| %RSD   | 451.77 | 475.92 | 195.22 | 159.73 | 59.448 | 191.68 | 46.082 |

|    |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|--------|---------|---------|
| #1 | .00002  | .00003  | .01101  | .00033  | .00034 | -.00003 | -.01669 |
| #2 | -.00001 | -.00006 | -.00176 | -.00002 | .00014 | .00018  | -.00848 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00017 | .07142 | .00005 | .00037 | .01398 | .00030 | .00034 |
| Stddev | .00007 | .01840 | .00037 | .00063 | .00816 | .00002 | .00003 |
| %RSD   | 39.540 | 25.764 | 736.90 | 170.32 | 58.383 | 6.6375 | 8.2607 |

|    |        |        |         |         |         |         |         |
|----|--------|--------|---------|---------|---------|---------|---------|
| #1 | .00022 | .08443 | .00021  | -.00082 | -.01976 | -.00029 | -.00032 |
| #2 | .00012 | .05841 | -.00031 | .00008  | -.00821 | -.00031 | -.00036 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02147 | .00176 | .00381 | .00217 | .01254 | .00101 | .00258 |
| Stddev | .01657 | .00042 | .00129 | .00083 | .00010 | .00084 | .00008 |
| %RSD   | 77.176 | 23.953 | 33.765 | 38.058 | .77147 | 82.764 | 3.2066 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00975 | .00206 | .00472 | .00159 | .01247 | .00042 | .00264 |
| #2 | -.03318 | .00146 | .00290 | .00275 | .01261 | .00160 | .00253 |

Sample Name: CCB02      Acquired: 2/6/2018 13:08:57      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |          |          |
|-----------|---------|---------|---------|----------|----------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670   | U_3859   |
| Units     | ppm     | ppm     | ppm     | ppm      | ppm      |
| Avg       | .00008  | .0000   | .00047  | F 3.0058 | F<.00000 |
| Stddev    | .00009  | .0016   | .00014  | 1.8468   | .15748   |
| %RSD      | 109.09  | 4110.   | 29.704  | 30.751   | 39.066   |
| #1        | -.00015 | .0012   | .00056  | 7.3117   | -.51448  |
| #2        | -.00002 | -.0011  | .00037  | 4.6999   | -.29177  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306   | ln2306   |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S    | Cts/S    |
| Avg       | 2580.3  | 51356.  | 5456.0  | 33.982   | 3036.9   |
| Stddev    | 6.7     | 5636.   | 18.4    | 1.761    | 10.0     |
| %RSD      | .25780  | 10.974  | .33808  | 2.0973   | .32829   |
| #1        | 2575.6  | 47371.  | 5469.1  | 82.736   | 3029.8   |
| #2        | 2585.0  | 55341.  | 5443.0  | 85.227   | 3043.9   |



Sample Name: J1439-01      Acquired: 2/6/2018 13:13:07      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00121 | .00061 | .00534 | .00129 | .00092 | .02015 | .00302 | .00006 |
| Stddev | .00002 | .00065 | .00077 | .00031 | .00045 | .00705 | .00027 | .00005 |
| %RSD   | 1.7653 | 106.32 | 14.355 | 23.937 | 48.464 | 34.971 | 8.8850 | 92.497 |

|    |        |        |        |         |         |        |        |        |
|----|--------|--------|--------|---------|---------|--------|--------|--------|
| #1 | .00119 | .00015 | .00480 | -.00151 | -.00060 | .02514 | .00283 | .00002 |
| #2 | .00122 | .00107 | .00588 | -.00107 | -.00123 | .01517 | .00321 | .00009 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .63673 | .00179 | .00022 | .01970 | .02260 | .00274 | .26215 |
| Stddev | .00005 | .00203 | .00037 | .00019 | .00019 | .01463 | .00004 | .03172 |
| %RSD   | 194.42 | .31813 | 20.925 | 87.116 | .93950 | 64.753 | 1.3627 | 12.100 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00006  | .63530 | .00205 | .00036 | .01983 | .01225 | .00277 | .23972 |
| #2 | -.00001 | .63816 | .00152 | .00009 | .01957 | .03294 | .00271 | .28458 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00257 | .00010 | 1.0788 | .00019 | .21262 | .17991 | .00027 | .06741 |
| Stddev | .00037 | .00076 | .0027  | .00037 | .00106 | .00337 | .00009 | .00386 |
| %RSD   | 14.266 | 785.64 | .25464 | 196.64 | .50002 | 1.8754 | 33.882 | 5.7189 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .00231 | -.00044 | 1.0808 | .00007  | .21337 | .17752 | .00033 | .06469 |
| #2 | .00283 | .00064  | 1.0769 | -.00045 | .21187 | .18230 | .00020 | .07014 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .48624 | 4.2168 | .00015 | .00364 | .00094 | .0030  | .00738 | 4.1449 |
| Stddev | .00607 | .0023  | .00122 | .00015 | .00168 | .0008  | .00006 | .5152  |
| %RSD   | 1.2491 | .05348 | 810.94 | 4.2268 | 178.92 | 26.79  | .83655 | 12.429 |

|    |        |        |         |        |         |       |        |        |
|----|--------|--------|---------|--------|---------|-------|--------|--------|
| #1 | .48194 | 4.2153 | .00071  | .00374 | .00025  | .0036 | .00734 | 3.7806 |
| #2 | .49053 | 4.2184 | -.00101 | .00353 | -.00213 | .0025 | .00743 | 4.5092 |

Sample Name: J1439-01      Acquired: 2/6/2018 13:13:07      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      <00000  
Stddev      .38187  
%RSD      54.105

#1      -.97582  
#2      -.43577

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2620.4  | 56393.  | 5538.2  | 36.807 | 3109.5 |
| Stddev    | 2.8     | 127.    | 27.2    | .820   | 4.7    |
| %RSD      | .10554  | .22517  | .49081  | .94417 | .15039 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2618.5 | 56483. | 5557.4 | 86.227 | 3106.2 |
| #2 | 2622.4 | 56303. | 5519.0 | 87.386 | 3112.8 |

Sample Name: PB106333BL      Acquired: 2/6/2018 13:17:15      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00206 | .00148 | .00078 | .00191 | .00030 | .00473 | .00041 |
| Stddev | .00041 | .00087 | .00095 | .00192 | .00036 | .00821 | .00056 |
| %RSD   | 19.801 | 58.800 | 122.47 | 100.52 | 119.04 | 173.46 | 136.84 |

|    |         |        |        |         |        |         |         |
|----|---------|--------|--------|---------|--------|---------|---------|
| #1 | -.00235 | .00087 | .00010 | -.00055 | .00005 | .00107  | -.00001 |
| #2 | -.00177 | .00210 | .00145 | -.00326 | .00055 | -.01054 | -.00080 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .00003 | .00739 | .00037 | .00014 | .00032 | .00953 |
| Stddev | .00004 | .00003 | .02104 | .00021 | .00000 | .00015 | .00610 |
| %RSD   | 55.508 | 117.17 | 284.82 | 57.999 | 2.7420 | 46.084 | 63.994 |

|    |        |        |         |         |        |        |         |
|----|--------|--------|---------|---------|--------|--------|---------|
| #1 | .00010 | .00005 | -.00749 | -.00052 | .00014 | .00042 | -.01384 |
| #2 | .00004 | .00000 | .02226  | -.00022 | .00014 | .00021 | -.00522 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00014 | .04690 | .00000 | .00015 | .03379 | .00084 | .00040 |
| Stddev | .00001 | .01897 | .0003  | .00034 | .00742 | .00011 | .00003 |
| %RSD   | 6.7591 | 40.442 | 17688. | 224.95 | 21.964 | 13.160 | 7.8444 |

|    |        |        |         |         |         |         |         |
|----|--------|--------|---------|---------|---------|---------|---------|
| #1 | .00015 | .03349 | -.00022 | .00009  | -.03903 | -.00076 | -.00042 |
| #2 | .00013 | .06031 | .00021  | -.00040 | -.02854 | -.00092 | -.00037 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01630 | .00008 | .00635 | .00122 | .02226 | .00118 | .00340 |
| Stddev | .02645 | .00042 | .00686 | .00063 | .00839 | .00052 | .00054 |
| %RSD   | 162.24 | 533.71 | 107.99 | 51.933 | 37.673 | 44.428 | 16.023 |

|    |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00240 | -.00038 | -.01120 | -.00077 | .01633 | -.00081 | .00301 |
| #2 | .03501  | .00022  | -.00150 | -.00166 | .02819 | -.00155 | .00379 |

Sample Name: PB106333BL      Acquired: 2/6/2018 13:17:15      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |          |
|--------|--------|--------|--------|----------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm      |
| Avg    | .00027 | .0000  | .00004 | F 4.5296 | F<.00000 |
| Stddev | .00074 | .0026  | .00005 | .1586    | 1.0349   |
| %RSD   | 274.85 | 7385.  | 123.63 | 3.5022   | 74.483   |

|    |         |        |        |        |         |
|----|---------|--------|--------|--------|---------|
| #1 | -.00025 | -.0018 | .00007 | 4.6418 | -2.1212 |
| #2 | .00079  | .0019  | .00000 | 4.4175 | -.65765 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2580.1  | 54505.  | 5406.8  | 33.416 | 3043.0 |
| Stddev    | 7.7     | 109.    | 11.0    | .820   | 17.6   |
| %RSD      | .29811  | .19955  | .20271  | .98255 | .57757 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2585.5 | 54582. | 5414.5 | 82.836 | 3055.5 |
| #2 | 2574.6 | 54428. | 5399.0 | 83.995 | 3030.6 |

Sample Name: PB106333BS      Acquired: 2/6/2018 13:21:25      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .80175 | 2.0169 | .97759 | 2.0142 | .80894 | 2.0964 | .21472 |
| Stddev | .00037 | .0031  | .00127 | .0062  | .00050 | .0750  | .00153 |
| %RSD   | .04614 | .15343 | .12997 | .30576 | .06201 | 3.5772 | .71350 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .80201 | 2.0191 | .97849 | 2.0185 | .80859 | 2.1494 | .21363 |
| #2 | .80149 | 2.0147 | .97669 | 2.0098 | .80929 | 2.0433 | .21580 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20844 | .19600 | 1.0886 | .42476 | .19836 | .32248 | 3.0635 |
| Stddev | .01073 | .00036 | .0027  | .02066 | .00000 | .00043 | .0039  |
| %RSD   | 5.1457 | .18361 | .25240 | 4.8643 | .00083 | .13345 | .12595 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .21602 | .19626 | 1.0906 | .43937 | .19836 | .32279 | 3.0662 |
| #2 | .20086 | .19575 | 1.0867 | .41015 | .19836 | .32218 | 3.0608 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22239 | 2.1939 | .50064 | .07433 | 3.1022 | .31702 | .20783 |
| Stddev | .01167 | .0022  | .00136 | .00293 | .0239  | .01657 | .00001 |
| %RSD   | 5.2455 | .09853 | .27250 | 3.9390 | .77121 | 5.2272 | .00280 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23064 | 2.1924 | .50160 | .07640 | 3.0853 | .32873 | .20783 |
| #2 | .21414 | 2.1955 | .49968 | .07226 | 3.1191 | .30530 | .20784 |

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 10.723 | .41549 | .31712 | F 5.2778 | .98322 | .68423 | .20749 |
| Stddev | .017   | .00123 | .00480 | .0159    | .03685 | .00272 | .00345 |
| %RSD   | .15801 | .29671 | 1.5128 | .30071   | 3.7481 | .39805 | 1.6640 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.711 | .41462 | .31373 | 5.2890 | .95717 | .68615 | .20505 |
| #2 | 10.735 | .41637 | .32051 | 5.2666 | 1.0093 | .68230 | .20993 |

Sample Name: PB106333BS      Acquired: 2/6/2018 13:21:25      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |          |         |
|-----------|---------|---------|---------|----------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670   | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm      | ppm     |
| Avg       | .21149  | 5.639   | .20567  | F 4.3768 | F<00000 |
| Stddev    | .00185  | .030    | .00194  | 2.0304   | 1.4032  |
| %RSD      | .87457  | .5242   | .94528  | 46.390   | 28.448  |
| #1        | .21019  | 5.660   | .20429  | 5.8126   | -5.9246 |
| #2        | .21280  | 5.618   | .20704  | 2.9411   | -3.9402 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306   | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S    | Cts/S   |
| Avg       | 2581.3  | 54209.  | 5439.2  | 35.409   | 3034.6  |
| Stddev    | 4.1     | 2371.   | 19.1    | .001     | .5      |
| %RSD      | .16006  | 4.3743  | .35051  | .00115   | .01698  |
| #1        | 2584.2  | 52532.  | 5425.7  | 85.408   | 3034.3  |
| #2        | 2578.4  | 55885.  | 5452.7  | 85.410   | 3035.0  |

Sample Name: PB106333TB      Acquired: 2/6/2018 13:25:23      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00338 | .00023 | .00034 | .00142 | .00071 | .00109 | .00131 | .00007 |
| Stddev | .00130 | .00130 | .00115 | .00051 | .00004 | .00388 | .00066 | .00002 |
| %RSD   | 38.302 | 566.77 | 340.87 | 36.093 | 4.9521 | 354.52 | 50.416 | 31.897 |

|    |         |         |         |         |        |         |         |         |
|----|---------|---------|---------|---------|--------|---------|---------|---------|
| #1 | -.00247 | -.00114 | -.00048 | -.00106 | .00068 | .00165  | -.00084 | -.00006 |
| #2 | -.00430 | .00069  | .00115  | -.00178 | .00073 | -.00383 | -.00177 | -.00009 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00015 | .02527 | .00022 | .00008 | .00022 | .00213 | .00014 | .04679 |
| Stddev | .00010 | .00339 | .00043 | .00014 | .00035 | .01204 | .00001 | .03681 |
| %RSD   | 69.271 | 13.397 | 197.84 | 165.48 | 159.11 | 566.06 | 3.5607 | 78.661 |

|    |         |        |         |         |         |         |        |        |
|----|---------|--------|---------|---------|---------|---------|--------|--------|
| #1 | -.00008 | .02288 | -.00009 | -.00018 | -.00047 | -.00639 | .00014 | .02077 |
| #2 | -.00022 | .02766 | .00053  | .00001  | .00003  | .01064  | .00015 | .07282 |

|        |        |        |          |        |        |        |        |        |
|--------|--------|--------|----------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895   | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00242 | .00060 | F 149.36 | .00068 | .00006 | .05010 | .00048 | .00507 |
| Stddev | .00040 | .00010 | 1.66     | .00050 | .00002 | .02242 | .00018 | .00898 |
| %RSD   | 16.518 | 16.341 | .36937   | 72.646 | 33.548 | 44.749 | 37.763 | 177.07 |

|    |        |         |        |         |        |        |        |         |
|----|--------|---------|--------|---------|--------|--------|--------|---------|
| #1 | .00214 | -.00053 | 448.19 | -.00104 | .00005 | .06595 | .00061 | -.01142 |
| #2 | .00270 | -.00066 | 450.54 | -.00033 | .00007 | .03425 | .00035 | .00128  |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .01287 | .01270 | .00156 | .00144 | .00054 | .0010  | .00004 | F 3.0162 |
| Stddev | .00175 | .01487 | .00029 | .00004 | .00038 | .0000  | .00002 | 1.2048   |
| %RSD   | 13.590 | 117.11 | 18.429 | 2.7260 | 70.343 | 3.870  | 57.861 | 20.026   |

|    |        |        |        |        |         |       |        |        |
|----|--------|--------|--------|--------|---------|-------|--------|--------|
| #1 | .01410 | .00218 | .00136 | .00147 | -.00081 | .0010 | .00003 | 6.8681 |
| #2 | .01163 | .02321 | .00177 | .00141 | -.00027 | .0010 | .00006 | 5.1643 |

Sample Name: PB106333TB      Acquired: 2/6/2018 13:25:23      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      F13.662  
Stddev      .813  
%RSD      5.9541

#1      13.087  
#2      14.237

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2396.2  | 50130.  | 5404.8  | 30.889 | 2658.2 |
| Stddev    | 1.0     | 196.    | .5      | .691   | 4.4    |
| %RSD      | .04231  | .39117  | .00850  | .85431 | .16493 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2395.5 | 49991. | 5404.5 | 81.377 | 2655.1 |
| #2 | 2396.9 | 50269. | 5405.1 | 80.400 | 2661.3 |



Sample Name: J1459-04      Acquired: 2/6/2018 13:29:37      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00070 | .00136 | .01142 | .00332 | .00281 | .06683 | .17034 | .00011 |
| Stddev | .00137 | .00014 | .00256 | .00151 | .00128 | .00372 | .00026 | .00003 |
| %RSD   | 195.44 | 10.282 | 22.413 | 45.351 | 45.544 | 5.5671 | .15220 | 31.596 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .00167  | -.00146 | .00961 | -.00439 | -.00372 | .06946 | .17015 | .00009 |
| #2 | -.00027 | -.00126 | .01323 | -.00226 | -.00191 | .06420 | .17052 | .00013 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00022 | 32.205 | .00014 | .00027 | .00754 | .01995 | .18303 | 1.8143 |
| Stddev | .00007 | .145   | .00069 | .00017 | .00012 | .02125 | .00002 | .0145  |
| %RSD   | 32.475 | .44898 | 505.24 | 64.384 | 1.6111 | 106.55 | .01026 | .80053 |

|    |        |        |         |        |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|--------|
| #1 | .00027 | 32.103 | -.00035 | .00014 | .00746 | .03498 | .18304 | 1.8041 |
| #2 | .00017 | 32.308 | .00062  | .00039 | .00763 | .00492 | .18301 | 1.8246 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00204 | .00038 | 454.10 | .00001 | .02739 | .45135 | .00014 | .00927 |
| Stddev | .00001 | .00042 | .06    | .00004 | .00038 | .00989 | .00001 | .00130 |
| %RSD   | .46841 | 112.32 | .01216 | 344.71 | 1.3926 | 2.1910 | 8.5489 | 13.992 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .00204 | -.00008 | 454.06 | .00002  | .02766 | .45834 | .00013 | .00836 |
| #2 | .00205 | -.00068 | 454.14 | -.00004 | .02712 | .44435 | .00015 | .01019 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07557 | .37138 | .00195 | .00107 | .00180 | .0303  | .05700 | 5.2186 |
| Stddev | .00238 | .01360 | .00000 | .00067 | .00130 | .0016  | .00009 | .7314  |
| %RSD   | 3.1479 | 3.6619 | .00999 | 62.846 | 72.348 | 5.217  | .15141 | 14.016 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | .07389 | .38100 | .00195 | .00059 | .00272 | .0292 | .05694 | 5.7358 |
| #2 | .07725 | .36176 | .00195 | .00154 | .00088 | .0314 | .05706 | 4.7014 |

Sample Name: J1459-04      Acquired: 2/6/2018 13:29:37      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

Elem      U\_3859  
 Units      ppm  
 Avg      11.781  
 Stddev      .648  
 %RSD      5.4962

#1      11.323  
 #2      12.239

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2410.8  | 50608.  | 5405.6  | 32.045 | 2652.9 |
| Stddev    | 2.3     | 19.     | 36.0    | 1.221  | 2.3    |
| %RSD      | .09493  | .03823  | .66594  | 1.4886 | .08652 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2412.5 | 50622. | 5380.2 | 81.182 | 2651.3 |
| #2 | 2409.2 | 50594. | 5431.1 | 82.909 | 2654.6 |

Sample Name: J1459-04DUP      Acquired: 2/6/2018 13:33:50      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00435 | .00049 | .01184 | .00454 | .00360 | .06625 | .17021 | .00006 |
| Stddev | .00201 | .00018 | .00080 | .00161 | .00262 | .00177 | .00073 | .00003 |
| %RSD   | 46.112 | 36.419 | 6.7202 | 35.489 | 72.690 | 2.6675 | .42837 | 56.899 |

|    |         |        |        |         |         |        |        |        |
|----|---------|--------|--------|---------|---------|--------|--------|--------|
| #1 | -.00577 | .00037 | .01128 | -.00340 | -.00175 | .06500 | .16970 | .00004 |
| #2 | -.00293 | .00062 | .01241 | -.00568 | -.00545 | .06750 | .17073 | .00008 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00015 | 32.037 | .00007 | .00004 | .00760 | .02453 | .18185 | 1.8003 |
| Stddev | .00004 | .208   | .00015 | .00016 | .00021 | .00011 | .00093 | .0138  |
| %RSD   | 24.017 | .65062 | 217.47 | 413.36 | 2.7004 | .43124 | .50972 | .76872 |

|    |        |        |         |         |        |        |        |        |
|----|--------|--------|---------|---------|--------|--------|--------|--------|
| #1 | .00013 | 31.889 | .00004  | .00015  | .00774 | .02446 | .18120 | 1.7905 |
| #2 | .00018 | 32.184 | -.00018 | -.00008 | .00745 | .02461 | .18251 | 1.8101 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00199 | .00002 | 447.15 | .00033 | .02772 | .46172 | .00013 | .00543 |
| Stddev | .00041 | .00030 | 3.37   | .00011 | .00028 | .01118 | .00032 | .00025 |
| %RSD   | 20.392 | 1724.6 | .75317 | 33.065 | 1.0229 | 2.4210 | 243.30 | 4.5928 |

|    |        |         |        |         |        |        |         |        |
|----|--------|---------|--------|---------|--------|--------|---------|--------|
| #1 | .00228 | -.00023 | 444.76 | -.00040 | .02792 | .46962 | .00036  | .00561 |
| #2 | .00170 | .00020  | 449.53 | -.00025 | .02752 | .45381 | -.00010 | .00525 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07755 | .39433 | .00148 | .00179 | .00207 | .0271  | .05693 | 5.1225 |
| Stddev | .00156 | .01327 | .00092 | .00241 | .00117 | .0006  | .00030 | .9072  |
| %RSD   | 2.0120 | 3.3649 | 62.124 | 134.47 | 56.435 | 2.169  | .53285 | 17.710 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | .07645 | .38494 | .00213 | .00009 | .00290 | .0267 | .05672 | 5.7640 |
| #2 | .07865 | .40371 | .00083 | .00350 | .00124 | .0276 | .05715 | 4.4811 |

Sample Name: J1459-04DUP      Acquired: 2/6/2018 13:33:50      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 12.569 |
| Stddev | 1.526  |
| %RSD   | 12.142 |

|    |        |
|----|--------|
| #1 | 13.648 |
| #2 | 11.490 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2402.9  | 50749.  | 5408.4  | 30.723 | 2650.0 |
| Stddev    | 2.0     | 40.     | 17.2    | .771   | .7     |
| %RSD      | .08410  | .07975  | .31741  | .95560 | .02520 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2401.4 | 50778. | 5420.5 | 80.177 | 2649.5 |
| #2 | 2404.3 | 50721. | 5396.3 | 81.268 | 2650.5 |

Sample Name: J1459-04LX5      Acquired: 2/6/2018 13:38:02      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00072 | .00020 | .00222 | .00290 | .00141 | .01399 | .03557 | .00013 |
| Stddev | .00022 | .00073 | .00159 | .00032 | .00066 | .00345 | .00346 | .00002 |
| %RSD   | 30.439 | 368.46 | 71.592 | 11.063 | 46.533 | 24.666 | 9.7232 | 16.419 |

|    |         |         |        |         |         |        |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|--------|
| #1 | -.00057 | -.00032 | .00110 | -.00267 | -.00095 | .01155 | .03802 | .00014 |
| #2 | -.00088 | .00072  | .00334 | -.00312 | -.00187 | .01643 | .03313 | .00011 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | 3.7649 | .00256 | .00021 | .00182 | .00437 | .03742 | .42652 |
| Stddev | .0001  | .4739  | .00064 | .00006 | .00034 | .00054 | .00009 | .07138 |
| %RSD   | 3906.8 | 7.0056 | 25.059 | 29.076 | 18.715 | 12.335 | .23401 | 16.735 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00011 | 7.1000 | .00301 | .00026 | .00158 | .00399 | .03748 | .47700 |
| #2 | .00010  | 6.4298 | .00211 | .00017 | .00206 | .00475 | .03736 | .37605 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00140 | .00059 | 35.706 | .00029 | .00569 | .10934 | .00015 | .00318 |
| Stddev | .00013 | .00015 | 6.424  | .00046 | .00050 | .04305 | .00038 | .00771 |
| %RSD   | 9.3333 | 25.574 | 6.7122 | 162.45 | 8.8505 | 39.376 | 248.98 | 242.51 |

|    |        |         |        |         |        |        |         |         |
|----|--------|---------|--------|---------|--------|--------|---------|---------|
| #1 | .00149 | -.00048 | 100.25 | -.00061 | .00604 | .07890 | -.00012 | -.00863 |
| #2 | .00130 | -.00070 | 91.164 | .00004  | .00533 | .13978 | .00043  | .00227  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01327 | .09439 | .00048 | .00333 | .00118 | .0061  | .01192 | 3.9459 |
| Stddev | .00530 | .01742 | .00039 | .00233 | .00096 | .0005  | .00099 | 1.4834 |
| %RSD   | 39.940 | 18.456 | 79.795 | 70.077 | 81.847 | 7.719  | 8.2740 | 37.593 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | .01702 | .10671 | .00076 | .00168 | .00050 | .0058 | .01261 | 2.8970 |
| #2 | .00952 | .08208 | .00021 | .00497 | .00186 | .0065 | .01122 | 4.9948 |

Sample Name: J1459-04LX5      Acquired: 2/6/2018 13:38:02      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 3.1122 |
| Stddev | 2.0028 |
| %RSD   | 24.689 |

|    |        |
|----|--------|
| #1 | 9.5284 |
| #2 | 6.6960 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2540.5  | 53217.  | 5268.3  | 31.869 | 2890.5 |
| Stddev    | 22.0    | 92.     | 312.6   | 5.253  | 26.4   |
| %RSD      | .86579  | .17283  | 5.9326  | 6.4159 | .91481 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2556.1 | 53152. | 5047.3 | 78.155 | 2909.2 |
| #2 | 2525.0 | 53282. | 5489.3 | 85.583 | 2871.8 |

Sample Name: J1459-04MS      Acquired: 2/6/2018 13:42:08      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .77802 | 1.8171 | .93567 | 1.9480 | .74979 | 2.1464 | .37739 | .19523 | .19107 |
| Stddev | .00424 | .0024  | .00009 | .0002  | .00150 | .0086  | .00235 | .00184 | .00044 |
| %RSD   | .54468 | .12973 | .00910 | .01195 | .20005 | .39842 | .62382 | .94331 | .23058 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .77502 | 1.8154 | .93561 | 1.9478 | .74873 | 2.1524 | .37906 | .19653 | .19076 |
| #2 | .78102 | 1.8187 | .93573 | 1.9482 | .75085 | 2.1404 | .37573 | .19393 | .19138 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 33.792 | .38600 | .19090 | .28894 | 2.9484 | .38100 | 3.7760 | .47570 | .06824 |
| Stddev | .000   | .00118 | .00039 | .00024 | .0275  | .00383 | .0527  | .00032 | .00078 |
| %RSD   | .00136 | .30663 | .20447 | .08387 | .93266 | 1.0040 | 1.3971 | .06692 | 1.1392 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 33.792 | .38684 | .19118 | .28877 | 2.9290 | .38370 | 3.7387 | .47593 | .06879 |
| #2 | 33.792 | .38516 | .19062 | .28911 | 2.9679 | .37829 | 3.8133 | .47548 | .06769 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 464.96 | .29833 | .22018 | 10.528 | .39658 | .31014 | .06943 | 1.3349 | .66066 |
| Stddev | .07    | .00128 | .00391 | .016   | .00033 | .00340 | .00083 | .0132  | .00154 |
| %RSD   | .01492 | .42995 | 1.7778 | .15226 | .08432 | 1.0959 | 1.2013 | .99118 | .23299 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 464.91 | .29924 | .21742 | 10.539 | .39634 | .31254 | .07002 | 1.3442 | .65957 |
| #2 | 465.01 | .29742 | .22295 | 10.517 | .39681 | .30773 | .06884 | 1.3255 | .66175 |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19658 | .20126 | 5.931  | 25011  | 4.4057 | 13.426 |
| Stddev | .00002 | .00079 | .001   | .00104 | .0439  | 2.284  |
| %RSD   | .01245 | .39324 | .0207  | .41395 | .99673 | 17.009 |

|    |        |        |       |        |        |        |
|----|--------|--------|-------|--------|--------|--------|
| #1 | .19656 | .20182 | 5.930 | .25084 | 4.4367 | 11.811 |
| #2 | .19659 | .20070 | 5.932 | .24938 | 4.3746 | 15.041 |

Sample Name: J1459-04MS      Acquired: 2/6/2018 13:42:08      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2386.6  | 50344.  | 5325.0  | 79.960 | 2624.8 |
| Stddev    | 3.6     | 433.    | 49.0    | 1.272  | 6.7    |
| %RSD      | .15227  | .85973  | .91959  | 1.5908 | .25622 |
| #1        | 2384.1  | 50038.  | 5290.4  | 80.860 | 2620.0 |
| #2        | 2389.2  | 50650.  | 5359.6  | 79.061 | 2629.5 |



Sample Name: J1459-04MSD      Acquired: 2/6/2018 13:46:12      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .78323 | 1.8099 | .93728 | 1.9342 | .75266 | 2.1075 | .37620 | .19383 | .19033 |
| Stddev | .00490 | .0006  | .00200 | .0024  | .00092 | .0090  | .00142 | .00140 | .00015 |
| %RSD   | .62543 | .03548 | .21336 | .12516 | .12232 | .42855 | .37696 | .72279 | .07912 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .78669 | 1.8095 | .93587 | 1.9359 | .75331 | 2.1011 | .37720 | .19482 | .19023 |
| #2 | .77976 | 1.8104 | .93870 | 1.9325 | .75201 | 2.1139 | .37520 | .19284 | .19044 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 33.743 | .38192 | .19030 | .28984 | 2.9290 | .37697 | 3.7060 | .47457 | .06817 |
| Stddev | .102   | .00185 | .00005 | .00087 | .0629  | .00078 | .0090  | .00045 | .00053 |
| %RSD   | .30149 | .48420 | .02713 | .29985 | 2.1478 | .20804 | .24271 | .09407 | .77205 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 33.815 | .38323 | .19034 | .29045 | 2.9735 | .37752 | 3.7124 | .47488 | .06854 |
| #2 | 33.671 | .38061 | .19027 | .28922 | 2.8845 | .37641 | 3.6997 | .47425 | .06779 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 463.04 | .29597 | .21725 | 10.517 | .39725 | .30315 | .06908 | 1.3088 | .66182 |
| Stddev | 1.48   | .00006 | .00660 | .087   | .00151 | .00419 | .00274 | .0395  | .00185 |
| %RSD   | .31987 | .01861 | 3.0359 | .82403 | .38030 | 1.3828 | 3.9669 | 3.0152 | .27967 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 461.99 | .29593 | .22192 | 10.456 | .39618 | .30611 | .06714 | 1.3367 | .66051 |
| #2 | 464.09 | .29601 | .21259 | 10.578 | .39832 | .30019 | .07101 | 1.2809 | .66313 |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19897 | .19963 | 5.911  | 25089  | 3.9092 | 13.674 |
| Stddev | .00023 | .00111 | .003   | .00065 | 1.2535 | 1.911  |
| %RSD   | .11557 | .55546 | .0535  | .26075 | 32.066 | 13.977 |

|    |        |        |       |        |        |        |
|----|--------|--------|-------|--------|--------|--------|
| #1 | .19913 | .19885 | 5.913 | .25042 | 3.0229 | 12.322 |
| #2 | .19881 | .20042 | 5.909 | .25135 | 4.7956 | 15.025 |

Sample Name: J1459-04MSD      Acquired: 2/6/2018 13:46:12      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2378.1  | 50830.  | 5375.6  | 30.705 | 2621.2 |
| Stddev    | 2.4     | 54.     | 16.3    | 2.459  | 1.1    |
| %RSD      | .10007  | .10701  | .30350  | 3.0475 | .04184 |
| #1        | 2376.4  | 50792.  | 5364.1  | 78.965 | 2620.4 |
| #2        | 2379.8  | 50869.  | 5387.2  | 82.444 | 2622.0 |

Sample Name: J1459-04A      Acquired: 2/6/2018 13:50:14      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .78002 | 1.8138 | .93374 | 1.9415 | .75063 | 2.1214 | .37589 | .19449 | .19001 |
| Stddev | .00066 | .0032  | .00264 | .0033  | .00156 | .0400  | .00383 | .00041 | .00076 |
| %RSD   | .08420 | .17440 | .28311 | .17124 | .20753 | 1.8874 | 1.0179 | .20883 | .39987 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .78049 | 1.8160 | .93561 | 1.9439 | .75173 | 2.0931 | .37319 | .19420 | .19055 |
| #2 | .77956 | 1.8115 | .93187 | 1.9392 | .74953 | 2.1498 | .37860 | .19478 | .18947 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 33.793 | .38565 | .19128 | .28757 | 2.9861 | .37875 | 3.8016 | .47505 | .06796 |
| Stddev | .369   | .00184 | .00071 | .00089 | .0488  | .00113 | .0604  | .00070 | .00107 |
| %RSD   | 1.0905 | .47741 | .36948 | .30833 | 1.6327 | .29888 | 1.5893 | .14669 | 1.5775 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 33.533 | .38434 | .19178 | .28694 | 3.0206 | .37795 | 3.7588 | .47554 | .06871 |
| #2 | 34.054 | .38695 | .19078 | .28820 | 2.9516 | .37955 | 3.8443 | .47456 | .06720 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 463.03 | .29662 | .22067 | 10.499 | .39663 | .30734 | .07013 | 1.2863 | .66214 |
| Stddev | 11.62  | .00067 | .00360 | .066   | .00028 | .00007 | .00773 | .0116  | .00585 |
| %RSD   | 2.5087 | .22623 | 1.6332 | .62700 | .07004 | .02408 | 11.028 | .90074 | .88410 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 454.82 | .29709 | .22322 | 10.453 | .39683 | .30739 | .07560 | 1.2781 | .66628 |
| #2 | 471.24 | .29614 | .21813 | 10.546 | .39644 | .30729 | .06466 | 1.2945 | .65800 |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19680 | .19984 | 5.889  | 24972  | 4.6642 | 14.919 |
| Stddev | .00098 | .00230 | .017   | .00222 | .3909  | 2.725  |
| %RSD   | .49672 | 1.1491 | .2902  | .89040 | 8.3801 | 18.262 |

|    |        |        |       |        |        |        |
|----|--------|--------|-------|--------|--------|--------|
| #1 | .19749 | .19822 | 5.901 | .24815 | 4.9406 | 12.993 |
| #2 | .19611 | .20146 | 5.877 | .25129 | 4.3879 | 16.846 |

Sample Name: J1459-04A      Acquired: 2/6/2018 13:50:14      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2373.0  | 50534.  | 5328.6  | 79.310 | 2617.0 |
| Stddev    | 3.0     | 93.     | 4.6     | 1.119  | 5.8    |
| %RSD      | .12667  | .18466  | .08557  | 1.4105 | .22333 |
| #1        | 2370.9  | 50600.  | 5331.8  | 78.519 | 2612.9 |
| #2        | 2375.1  | 50468.  | 5325.3  | 80.101 | 2621.1 |

Sample Name: CCV03      Acquired: 2/6/2018 13:54:17      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 4.9919 | 4.9923 | 4.9572 | 4.9860 | 5.0399 | 10.163 | 10.164 | .24687   |
| Stddev | .1984  | .1876  | .1808  | .1888  | .1920  | .067   | .026   | .00048   |
| %RSD   | 3.9734 | 3.7575 | 3.6474 | 3.7871 | 3.8095 | .66138 | .25720 | .19370   |
| #1     | 5.1321 | 5.1249 | 5.0850 | 5.1196 | 5.1757 | 10.115 | 10.145 | .24653   |
| #2     | 4.8516 | 4.8596 | 4.8293 | 4.8525 | 4.9041 | 10.210 | 10.182 | .24721   |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 2.4736 | 24.874 | .96493 | 2.4787 | 1.2600 | 4.9715 | 2.5034 | 24.818   |
| Stddev | .0936  | .106   | .00048 | .0952  | .0496  | .0010  | .0006  | .025     |
| %RSD   | 3.7856 | .42570 | .05004 | 3.8399 | 3.9340 | .01926 | .02434 | .09968   |
| #1     | 2.5398 | 24.799 | .96459 | 2.5460 | 1.2950 | 4.9708 | 2.5038 | 24.800   |
| #2     | 2.4074 | 24.949 | .96528 | 2.4114 | 1.2249 | 4.9722 | 2.5030 | 24.835   |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 2.4635 | 1.2084 | 24.692 | 2.4781 | 2.5170 | 25.452 | 5.0725 | 5.1245   |
| Stddev | .0960  | .0003  | .093   | .0031  | .0200  | .072   | .1919  | .0218    |
| %RSD   | 3.8968 | .02713 | .37653 | .12437 | .79310 | .28480 | 3.7840 | .42576   |
| #1     | 2.5314 | 1.2082 | 24.626 | 2.4759 | 2.5311 | 25.401 | 5.2083 | 5.1091   |
| #2     | 2.3956 | 1.2086 | 24.758 | 2.4803 | 2.5029 | 25.503 | 4.9368 | 5.1400   |
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 4.9458 | 4.8317 | 4.9709 | 4.9896 | 5.0600 | 4.928  | 4.9771 | F 3.1619 |
| Stddev | .1846  | .0423  | .1805  | .0182  | .0124  | .174   | .0374  | .5033    |
| %RSD   | 3.7323 | .87533 | 3.6309 | .36456 | .24504 | 3.530  | .75175 | 15.919   |
| #1     | 5.0764 | 4.8616 | 5.0985 | 4.9767 | 5.0512 | 5.051  | 4.9506 | 2.8060   |
| #2     | 4.8153 | 4.8018 | 4.8433 | 5.0024 | 5.0687 | 4.805  | 5.0036 | 3.5178   |

Sample Name: CCV03      Acquired: 2/6/2018 13:54:17      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      F2.8106  
Stddev      3.4707  
%RSD      123.49

#1      .35643  
#2      5.2647

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2434.6  | 52529.  | 5345.7  | 30.345 | 2724.6 |
| Stddev    | 82.4    | 192.    | 11.0    | .243   | 89.8   |
| %RSD      | 3.3837  | .36565  | .20504  | .30188 | 3.2953 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2376.4 | 52393. | 5337.9 | 80.174 | 2661.1 |
| #2 | 2492.9 | 52664. | 5353.4 | 80.517 | 2788.1 |

Sample Name: LLCCV02      Acquired: 2/6/2018 13:58:12      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02058 | .04314 | .01109 | .02029 | .04653 | .11332 | .10569 |
| Stddev | .00201 | .00021 | .00022 | .00279 | .00023 | .00002 | .00174 |
| %RSD   | 9.7852 | .49229 | 1.9571 | 13.765 | .50435 | .01874 | 1.6419 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01915 | .04330 | .01125 | .02227 | .04636 | .11333 | .10446 |
| #2 | .02200 | .04299 | .01094 | .01832 | .04670 | .11330 | .10692 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00621 | .00582 | 2.0698 | .01052 | .03016 | .02182 | .10059 |
| Stddev | .00013 | .00001 | .0030  | .00022 | .00045 | .00016 | .00039 |
| %RSD   | 2.0271 | .12197 | .14681 | 2.0994 | 1.5002 | .72580 | .38618 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00612 | .00581 | 2.0677 | .01067 | .02984 | .02193 | .10031 |
| #2 | .00630 | .00582 | 2.0720 | .01036 | .03048 | .02170 | .10086 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02251 | 2.1014 | .04019 | .01058 | 2.0549 | .04134 | .04266 |
| Stddev | .00012 | .0340  | .00012 | .00046 | .0198  | .00103 | .00002 |
| %RSD   | .55451 | 1.6160 | .29455 | 4.3669 | .96503 | 2.4794 | .04968 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02242 | 2.1254 | .04011 | .01025 | 2.0409 | .04207 | .04267 |
| #2 | .02259 | 2.0774 | .04027 | .01090 | 2.0690 | .04062 | .04264 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1135 | .21116 | .09994 | .01721 | .41896 | .03952 | .04452 |
| Stddev | .0371  | .00012 | .00762 | .00558 | .01174 | .00008 | .00218 |
| %RSD   | 1.7540 | .05793 | 7.6286 | 32.394 | 2.8014 | .19520 | 4.8915 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0873 | .21124 | .10533 | .02115 | .42726 | .03946 | .04298 |
| #2 | 2.1397 | .21107 | .09454 | .01327 | .41066 | .03957 | .04606 |

Sample Name: LLCCV02      Acquired: 2/6/2018 13:58:12      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .02087 | .0188  | .02185 | F 4.1830 | F<00000 |
| Stddev | .00189 | .0011  | .00010 | .1676    | .96211  |
| %RSD   | 9.0732 | 5.583  | .44850 | 4.0068   | 75.934  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .01953 | .0181 | .02192 | 4.0645 | -.58672 |
| #2 | .02221 | .0196 | .02178 | 4.3015 | -1.9473 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2558.3  | 54525.  | 5339.7  | 32.014 | 3012.3 |
| Stddev    | 5.1     | 76.     | 9.2     | .411   | 6.6    |
| %RSD      | .19928  | .13902  | .17311  | .50163 | .21838 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2554.7 | 54579. | 5346.3 | 81.723 | 3007.7 |
| #2 | 2561.9 | 54472. | 5333.2 | 82.305 | 3017.0 |



Sample Name: CCB03      Acquired: 2/6/2018 14:02:20      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | .00084 | .00047 | .00496 | .00092 | .00450 | .00070 |
| Stddev | .00130 | .00062 | .00053 | .00167 | .00045 | .00148 | .00032 |
| %RSD   | 1207.7 | 73.429 | 113.46 | 33.666 | 48.910 | 32.951 | 46.618 |

|    |         |        |        |         |         |        |         |
|----|---------|--------|--------|---------|---------|--------|---------|
| #1 | -.00103 | .00127 | .00009 | -.00378 | -.00124 | .00555 | -.00092 |
| #2 | .00081  | .00040 | .00085 | -.00615 | -.00060 | .00345 | -.00047 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .00001 | .00026 | .00003 | .00018 | .00010 | .00776 |
| Stddev | .00006 | .00001 | .00914 | .00080 | .00006 | .00006 | .00438 |
| %RSD   | 325.79 | 83.808 | 3501.0 | 2560.1 | 33.373 | 59.177 | 56.506 |

|    |         |         |         |         |        |        |         |
|----|---------|---------|---------|---------|--------|--------|---------|
| #1 | -.00003 | -.00001 | .00620  | .00060  | .00014 | .00014 | -.01085 |
| #2 | .00007  | .00000  | -.00673 | -.00054 | .00022 | .00006 | -.00466 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | .02711 | .00043 | .00049 | .01639 | .00004 | .00049 |
| Stddev | .00007 | .01091 | .00027 | .00104 | .00345 | .00016 | .00007 |
| %RSD   | 179.19 | 40.245 | 63.676 | 211.99 | 21.057 | 454.56 | 14.113 |

|    |         |        |         |         |        |         |         |
|----|---------|--------|---------|---------|--------|---------|---------|
| #1 | .00009  | .03483 | -.00062 | .00024  | .01883 | .00015  | -.00054 |
| #2 | -.00001 | .01940 | -.00023 | -.00123 | .01395 | -.00008 | -.00044 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00489 | .00062 | .00247 | .00266 | .00675 | .00006 | .00286 |
| Stddev | .03486 | .00004 | .00518 | .00318 | .03374 | .00024 | .00017 |
| %RSD   | 713.11 | 7.2210 | 210.04 | 119.22 | 500.08 | 427.35 | 5.9611 |

|    |         |        |         |         |         |         |        |
|----|---------|--------|---------|---------|---------|---------|--------|
| #1 | -.02953 | .00059 | .00613  | -.00491 | -.01711 | -.00022 | .00274 |
| #2 | .01976  | .00065 | -.00120 | -.00042 | .03061  | .00011  | .00298 |

Sample Name: CCB03      Acquired: 2/6/2018 14:02:20      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .00080 | .0003  | .00003 | F 3.8576 | F<00000 |
| Stddev | .00087 | .0013  | .00005 | .9685    | 1.0989  |
| %RSD   | 107.96 | 388.6  | 148.25 | 25.106   | 111.08  |

|    |        |        |         |        |         |
|----|--------|--------|---------|--------|---------|
| #1 | .00142 | -.0006 | .00000  | 4.5424 | -.21223 |
| #2 | .00019 | .0012  | -.00007 | 3.1728 | -1.7663 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2524.9  | 54101.  | 5296.2  | 30.689 | 2980.7 |
| Stddev    | 5.3     | 289.    | 3.1     | 1.585  | 8.4    |
| %RSD      | .20927  | .53340  | .05905  | 1.9638 | .28347 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2521.2 | 53897. | 5298.5 | 81.809 | 2974.8 |
| #2 | 2528.6 | 54305. | 5294.0 | 79.568 | 2986.7 |

Sample Name: J1459-08      Acquired: 2/6/2018 14:06:29      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00469 | .00237 | .00829 | .00369 | .00199 | .07218 | .31651 | .00001 |
| Stddev | .00294 | .00036 | .00003 | .00049 | .00004 | .00606 | .00134 | .00011 |
| %RSD   | 62.629 | 15.266 | .31357 | 13.208 | 2.0015 | 8.3927 | .42458 | 1471.6 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00676 | -.00263 | .00827 | -.00403 | -.00201 | .06789 | .31556 | -.00008 |
| #2 | -.00261 | -.00212 | .00831 | -.00334 | -.00196 | .07646 | .31746 | .00007  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00028 | 33.378 | .00048 | .00041 | .00778 | .02770 | .19017 | 2.2443 |
| Stddev | .00000 | .063   | .00007 | .00062 | .00143 | .01666 | .00023 | .0024  |
| %RSD   | .90879 | .18799 | 15.276 | 153.26 | 18.380 | 60.138 | .11980 | .10873 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00028 | 33.334 | .00043 | .00085  | .00880 | .01592 | .19001 | 2.2426 |
| #2 | .00027 | 33.422 | .00053 | -.00003 | .00677 | .03947 | .19033 | 2.2460 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00242 | .00036 | 479.86 | .00021 | .03434 | .47842 | .00051 | .00512 |
| Stddev | .00055 | .00032 | 5.23   | .00030 | .00044 | .00032 | .00045 | .00163 |
| %RSD   | 22.831 | 88.173 | 1.0906 | 143.57 | 1.2767 | .06754 | 89.303 | 31.937 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00203 | -.00059 | 476.16 | .00000 | .03403 | .47819 | .00083 | .00396 |
| #2 | .00282 | -.00014 | 483.56 | .00042 | .03465 | .47865 | .00019 | .00627 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .14829 | .41079 | .00209 | .00322 | .00186 | .0204  | .06643 | 5.8729 |
| Stddev | .00055 | .01362 | .00039 | .00017 | .00168 | .0008  | .00015 | .4604  |
| %RSD   | .37277 | 3.3151 | 18.676 | 5.3683 | 90.378 | 4.013  | .22343 | 7.8393 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | .14790 | .40116 | .00181 | .00335 | .00304 | .0199 | .06633 | 6.1985 |
| #2 | .14868 | .42042 | .00237 | .00310 | .00067 | .0210 | .06654 | 5.5474 |

Sample Name: J1459-08      Acquired: 2/6/2018 14:06:29      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

Elem      U\_3859  
 Units      ppm  
 Avg      3.8797  
 Stddev      4.6642  
 %RSD      47.209

#1      6.5817  
 #2      13.178

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2338.8  | 49484.  | 5299.0  | 30.460 | 2583.9 |
| Stddev    | 1.2     | 262.    | 23.7    | 1.046  | 1.4    |
| %RSD      | .04936  | .52850  | .44818  | 1.3005 | .05326 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2339.6 | 49299. | 5315.8 | 81.200 | 2583.0 |
| #2 | 2337.9 | 49669. | 5282.2 | 79.720 | 2584.9 |

Sample Name: J1460-04      Acquired: 2/6/2018 14:10:42      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00434 | .00272 | .00382 | .00286 | .00321 | .20502 | .11886 | .00006 |
| Stddev | .00372 | .00208 | .00005 | .00036 | .00018 | .00092 | .00152 | .00002 |
| %RSD   | 85.797 | 76.397 | 1.4384 | 12.404 | 5.6908 | .45064 | 1.2748 | 44.181 |

|    |        |         |        |         |         |        |        |        |
|----|--------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .00697 | -.00418 | .00386 | -.00261 | -.00333 | .20436 | .11779 | .00007 |
| #2 | .00171 | -.00125 | .00378 | -.00311 | -.00308 | .20567 | .11993 | .00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00014 | 48.735 | .00026 | 1.5063 | .00744 | 2.7915 | .20171 | 3.9802 |
| Stddev | .00010 | .450   | .00043 | .0016  | .00025 | .1322  | .00047 | .0217  |
| %RSD   | 72.398 | .92355 | 160.72 | .10383 | 3.3520 | 4.7370 | .23056 | .31080 |

|    |         |        |         |        |        |        |        |        |
|----|---------|--------|---------|--------|--------|--------|--------|--------|
| #1 | -.00007 | 48.417 | -.00004 | 1.5074 | .00726 | 2.8850 | .20204 | 6.9649 |
| #2 | -.00020 | 49.053 | .00057  | 1.5052 | .00761 | 2.6980 | .20138 | 6.9956 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05278 | .00010 | 497.69 | .00006 | .03547 | 2.9342 | .00002 | .00922 |
| Stddev | .00009 | .00013 | 15.03  | .00029 | .00188 | .0306  | .00024 | .00170 |
| %RSD   | .16261 | 123.75 | 3.0208 | 519.32 | 5.3137 | 1.0440 | 986.24 | 18.411 |

|    |        |        |        |         |        |        |         |        |
|----|--------|--------|--------|---------|--------|--------|---------|--------|
| #1 | .05284 | .00001 | 487.06 | -.00027 | .03680 | 2.9125 | .00019  | .01042 |
| #2 | .05272 | .00019 | 508.32 | .00015  | .03414 | 2.9558 | -.00014 | .00802 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .97483 | .53961 | .00316 | .00578 | .00522 | .0031  | .16951 | 2.6485 |
| Stddev | .00479 | .00256 | .00100 | .00049 | .00145 | .0010  | .00074 | .0445  |
| %RSD   | .49092 | .47360 | 31.698 | 8.4749 | 27.694 | 33.91  | .43765 | 1.6815 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | .97144 | .54142 | .00386 | .00543 | .00420 | .0038 | .16898 | 2.6800 |
| #2 | .97821 | .53781 | .00245 | .00612 | .00625 | .0023 | .17003 | 2.6170 |

Sample Name: J1460-04      Acquired: 2/6/2018 14:10:42      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 17.455 |
| Stddev | .298   |
| %RSD   | 1.7048 |

|    |        |
|----|--------|
| #1 | 17.244 |
| #2 | 17.665 |

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | In2306 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2341.6 | 49782. | 5317.6 | 78.605 | 2587.5 |
| Stddev    | 8.2    | 218.   | 30.6   | 3.839  | 8.2    |
| %RSD      | .35052 | .43803 | .57463 | 4.8833 | .31629 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2335.8 | 49627. | 5339.2 | 75.891 | 2581.7 |
| #2 | 2347.5 | 49936. | 5296.0 | 81.319 | 2593.3 |

Sample Name: J1460-08      Acquired: 2/6/2018 14:14:55      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00473 | .00112 | .00569 | .00500 | .00046 | .36149 | .24077 |
| Stddev | .00081 | .00007 | .00215 | .00150 | .00125 | .00889 | .00203 |
| %RSD   | 17.119 | 6.2668 | 37.848 | 30.074 | 271.13 | 2.4590 | .84302 |

|    |        |         |        |        |         |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|
| #1 | .00530 | -.00117 | .00417 | .00394 | .00134  | .35520 | .23934 |
| #2 | .00416 | -.00107 | .00721 | .00607 | -.00042 | .36777 | .24221 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00012 | 20.382 | .01371 | .08984 | .00490 | 19.231 |
| Stddev | .00000 | .00003 | .331   | .00033 | .00034 | .00052 | .564   |
| %RSD   | 15.429 | 28.061 | 1.6216 | 2.3787 | .38270 | 10.576 | 2.9346 |

|    |         |         |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|
| #1 | -.00003 | -.00014 | 20.149 | .01348 | .09008 | .00454 | 19.630 |
| #2 | -.00003 | -.00010 | 20.616 | .01394 | .08959 | .00527 | 18.832 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05215 | 2.6001 | .00859 | .00122 | 493.52 | .00092 | .05594 |
| Stddev | .00017 | .0256  | .00067 | .00023 | 9.06   | .00024 | .00217 |
| %RSD   | .33361 | .98666 | 7.8424 | 18.997 | 1.8366 | 25.857 | 3.8823 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .05203 | 2.5819 | .00811 | -.00139 | 487.11 | .00108 | .05747 |
| #2 | .05227 | 2.6182 | .00907 | -.00106 | 499.93 | .00075 | .05440 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .64692 | .00033 | .03179 | .14843 | .80362 | .00122 | .00811 |
| Stddev | .00201 | .00045 | .00196 | .00004 | .00001 | .00115 | .00064 |
| %RSD   | .31118 | 138.80 | 6.1787 | .02382 | .00175 | 94.009 | 7.9411 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .64834 | -.00001 | .03318 | .14841 | .80363 | .00204 | .00766 |
| #2 | .64550 | -.00065 | .03040 | .14846 | .80361 | .00041 | .00857 |

Sample Name: J1460-08      Acquired: 2/6/2018 14:14:55      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .00332 | .0030  | .07176 | F<00000 | 36.250 |
| Stddev | .00043 | .0007  | .00083 | .14010  | .906   |
| %RSD   | 12.867 | 24.22  | 1.1602 | 9.3292  | 2.4988 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .00302 | .0025 | .07117 | -1.4027 | 36.891 |
| #2 | .00362 | .0035 | .07235 | -1.6008 | 35.610 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2368.3  | 49987.  | 5365.4  | 30.193 | 2601.1 |
| Stddev    | 2.0     | 37.     | 19.5    | 3.134  | 5.6    |
| %RSD      | .08294  | .07454  | .36320  | 3.9078 | .21531 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2369.7 | 49961. | 5379.2 | 77.977 | 2605.0 |
| #2 | 2366.9 | 50013. | 5351.6 | 82.409 | 2597.1 |



Sample Name: PB106331BL      Acquired: 2/6/2018 14:22:30      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCV12508      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00263 | .00002 | .00109 | .00491 | .00176 | .00843 | .00060 |
| Stddev | .00453 | .00035 | .00077 | .00181 | .00011 | .00024 | .00028 |
| %RSD   | 172.46 | 1613.7 | 70.647 | 36.893 | 6.4560 | 2.8696 | 45.760 |

|    |         |         |        |         |         |        |         |
|----|---------|---------|--------|---------|---------|--------|---------|
| #1 | .00058  | -.00022 | .00163 | -.00619 | -.00168 | .00826 | -.00080 |
| #2 | -.00583 | .00027  | .00054 | -.00363 | -.00184 | .00860 | -.00041 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .00001 | .01091 | .00019 | .00004 | .00042 | .00579 |
| Stddev | .00007 | .00013 | .00292 | .00043 | .00040 | .00015 | .00561 |
| %RSD   | 127.21 | 1635.0 | 26.792 | 221.85 | 894.48 | 35.032 | 96.852 |

|    |        |         |        |         |         |        |         |
|----|--------|---------|--------|---------|---------|--------|---------|
| #1 | .00001 | .00010  | .01298 | -.00011 | -.00024 | .00032 | -.00182 |
| #2 | .00011 | -.00009 | .00884 | .00050  | .00033  | .00053 | -.00976 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .03491 | .00028 | .00003 | .04022 | .00007 | .00040 |
| Stddev | .00002 | .02293 | .00039 | .00001 | .01624 | .00004 | .00002 |
| %RSD   | 68.973 | 65.673 | 138.45 | 31.283 | 40.379 | 55.102 | 4.3077 |

|    |        |        |         |        |        |         |         |
|----|--------|--------|---------|--------|--------|---------|---------|
| #1 | .00001 | .01870 | -.00055 | .00002 | .02874 | -.00009 | -.00042 |
| #2 | .00003 | .05113 | -.00001 | .00004 | .05171 | -.00004 | -.00039 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02332 | .00003 | .00349 | .00204 | .00420 | .00152 | .00208 |
| Stddev | .05463 | .00028 | .01279 | .00223 | .01720 | .00113 | .00057 |
| %RSD   | 234.22 | 1074.0 | 366.95 | 109.32 | 409.95 | 74.449 | 27.586 |

|    |         |         |         |         |         |         |        |
|----|---------|---------|---------|---------|---------|---------|--------|
| #1 | -.01530 | -.00017 | .00556  | -.00046 | .00797  | -.00232 | .00168 |
| #2 | .06195  | .00022  | -.01253 | -.00362 | -.01636 | -.00072 | .00249 |

Sample Name: PB106331BL      Acquired: 2/6/2018 14:22:30      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV12508      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |          |          |
|-----------|---------|---------|---------|----------|----------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670   | U_3859   |
| Units     | ppm     | ppm     | ppm     | ppm      | ppm      |
| Avg       | .00046  | .0004   | .00002  | F 4.0895 | F<.00000 |
| Stddev    | .00100  | .0009   | .00006  | .4309    | .62993   |
| %RSD      | 217.96  | 247.1   | 325.50  | 10.537   | 2953.4   |
| #1        | -.00025 | .0003   | .00006  | 4.3942   | -.46676  |
| #2        | .00117  | -.0010  | -.00002 | 3.7848   | .42410   |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306   | ln2306   |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S    | Cts/S    |
| Avg       | 2528.0  | 54339.  | 5333.3  | 32.923   | 2987.4   |
| Stddev    | 8.0     | 74.     | 5.0     | 2.231    | 8.1      |
| %RSD      | .31820  | .13667  | .09323  | 2.6900   | .27277   |
| #1        | 2522.3  | 54287.  | 5329.8  | 81.345   | 2981.7   |
| #2        | 2533.7  | 54392.  | 5336.8  | 84.500   | 2993.2   |

Sample Name: PB106331BS      Acquired: 2/6/2018 14:30:49      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-9-WW(1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .75775 | 1.9293 | .93975 | 1.9106 | .75869 | 1.9585 | .20557 |
| Stddev | .00409 | .0040  | .00084 | .0010  | .00246 | .0102  | .00139 |
| %RSD   | .53987 | .20585 | .08961 | .05104 | .32417 | .52127 | .67596 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .75486 | 1.9321 | .93915 | 1.9113 | .76043 | 1.9513 | .20655 |
| #2 | .76065 | 1.9265 | .94034 | 1.9099 | .75695 | 1.9657 | .20459 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19379 | .18760 | 1.0375 | .39365 | .18901 | .30548 | 2.9449 |
| Stddev | .00095 | .00046 | .0100  | .00253 | .00013 | .00082 | .0584  |
| %RSD   | .49063 | .24493 | .96075 | .64349 | .06744 | .26829 | 1.9839 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .19312 | .18792 | 1.0305 | .39185 | .18892 | .30606 | 2.9862 |
| #2 | .19447 | .18727 | 1.0446 | .39544 | .18910 | .30490 | 2.9036 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20617 | 2.0379 | .47718 | .06876 | 2.9993 | .29502 | .20770 |
| Stddev | .00151 | .0047  | .00109 | .00018 | .0004  | .00136 | .00414 |
| %RSD   | .73322 | .22909 | .22772 | .26573 | .01517 | .46242 | 1.9929 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20510 | 2.0346 | .47795 | .06889 | 2.9990 | .29598 | .21062 |
| #2 | .20724 | 2.0412 | .47642 | .06863 | 2.9996 | .29405 | .20477 |

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 10.187 | .39396 | .30310 | F 7.8238 | .89704 | .65083 | .20075 |
| Stddev | .059   | .00085 | .00122 | .0356    | .01407 | .00099 | .00158 |
| %RSD   | .57701 | .21480 | .40176 | .45506   | 1.5689 | .15138 | .78722 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.145 | .39456 | .30224 | 7.8489 | .90699 | .65152 | .19963 |
| #2 | 10.228 | .39336 | .30396 | 7.7986 | .88709 | .65013 | .20187 |

Sample Name: PB106331BS      Acquired: 2/6/2018 14:30:49      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-9-WW(1      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .20412 | 5.396  | .19690 | F 4.2569 | F<00000 |
| Stddev | .00133 | .016   | .00037 | .9043    | .51376  |
| %RSD   | .64967 | .3030  | .18742 | 21.244   | 12.615  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .20318 | 5.408 | .19716 | 4.8963 | -3.7094 |
| #2 | .20506 | 5.385 | .19664 | 3.6174 | -4.4360 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2536.9  | 53968.  | 5262.9  | 32.487 | 2974.3 |
| Stddev    | 3.1     | 218.    | 8.2     | 1.638  | 7.3    |
| %RSD      | .12192  | .40422  | .15578  | 1.9862 | .24700 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2534.7 | 54122. | 5268.7 | 81.328 | 2969.2 |
| #2 | 2539.1 | 53813. | 5257.1 | 83.645 | 2979.5 |

Sample Name: J1456-01      Acquired: 2/6/2018 14:34:44      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-9-WW(1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21379 | .01367 | 4.4359 | .27259 | .05019 | 99.633 | 3.5478 |
| Stddev | .00475 | .00174 | .0273  | .00679 | .00139 | .334   | .0325  |
| %RSD   | 2.2215 | 12.744 | .61428 | 2.4915 | 2.7725 | .33552 | .91459 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .21715 | -.01490 | 4.4166 | .26779 | .05118 | 99.870 | 3.5707 |
| #2 | .21043 | -.01244 | 4.4551 | .27739 | .04921 | 99.397 | 3.5248 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00021 | .04639 | 1225.9 | 2.0057 | .21430 | 3.9099 | F1078.8 |
| Stddev | .00001 | .00018 | 7.2    | .0061  | .00091 | .0152  | 4.9     |
| %RSD   | 5.9535 | .38723 | .58619 | .30422 | .42653 | .38753 | .45188  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00021 | .04626 | 1231.0 | 2.0100 | .21365 | 3.8991 | 1075.3 |
| #2 | .00020 | .04651 | 1220.9 | 2.0013 | .21495 | 3.9206 | 1082.2 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 16.601 | 224.66 | 1.5707 | .01822 | 2.7756 | .35004 | 4.1841 |
| Stddev | .009   | .87    | .0042  | .00121 | .0048  | .00102 | .0296  |
| %RSD   | .05598 | .38816 | .26839 | 6.6378 | .17381 | .29015 | .70834 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 16.608 | 225.27 | 1.5677 | -.01907 | 2.7790 | .35076 | 4.1631 |
| #2 | 16.594 | 224.04 | 1.5737 | -.01736 | 2.7722 | .34932 | 4.2051 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 14.936 | .47594 | .93874 | 25.599 | 6.2521 | .33600 | 2.1860 |
| Stddev | .061   | .00084 | .00537 | .125   | .1346  | .00100 | .0045  |
| %RSD   | .40723 | .17643 | .57198 | .48840 | 2.1526 | .29889 | .20488 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 14.979 | .47534 | .93495 | 25.510 | 6.3473 | .33529 | 2.1891 |
| #2 | 14.893 | .47653 | .94254 | 25.687 | 6.1570 | .33671 | 2.1828 |

Sample Name: J1456-01      Acquired: 2/6/2018 14:34:44      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-9-WW(1      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .22068 | 7.645  | 1.5679 | F<00000 | F.237.80 |
| Stddev | .00171 | .031   | .0095  | 4.0553  | .03      |
| %RSD   | .77560 | .4076  | .60518 | .61129  | .01271   |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .22189 | 7.623 | 1.5746 | -660.53 | 237.78 |
| #2 | .21947 | 7.667 | 1.5612 | -666.26 | 237.82 |

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | ln2306 | ln2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2367.7 | 53043. | 5955.3 | 70.334 | 1993.3 |
| Stddev    | 1.5    | 88.    | 26.6   | .292   | 1.1    |
| %RSD      | .06173 | .16502 | .44692 | .41511 | .05503 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2368.8 | 52982. | 5936.4 | 70.540 | 1994.1 |
| #2 | 2366.7 | 53105. | 5974.1 | 70.128 | 1992.5 |

Sample Name: J1456-01DUP      Acquired: 2/6/2018 14:38:48      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICSA6543      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21242 | .01866 | 4.3673 | .25350 | .04468 | 98.561 | 3.4201 |
| Stddev | .00771 | .00005 | .0303  | .04848 | .00039 | .457   | .1659  |
| %RSD   | 3.6316 | .27712 | .69323 | 19.125 | .86304 | .46385 | 4.8514 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .20697 | -.01862 | 4.3459 | .21922 | .04496 | 98.238 | 3.3027 |
| #2 | .21788 | -.01870 | 4.3887 | .28779 | .04441 | 98.885 | 3.5374 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00067 | .04994 | 1210.0 | 2.0191 | .21059 | 3.8689 | F1029.7 |
| Stddev | .00114 | .01094 | 36.2   | .0079  | .00009 | .0258  | 103.0   |
| %RSD   | 171.95 | 21.903 | 2.9903 | .39338 | .04263 | .66666 | 10.000  |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00147  | .05767 | 1184.4 | 2.0135 | .21053 | 3.8872 | 956.92 |
| #2 | -.00014 | .04220 | 1235.6 | 2.0248 | .21066 | 3.8507 | 1102.5 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 16.557 | 216.70 | 1.5480 | .02437 | 2.6832 | .35014 | 4.0116 |
| Stddev | .031   | 10.83  | .0018  | .01016 | .1413  | .00060 | .3752  |
| %RSD   | .18665 | 4.9983 | .11522 | 41.687 | 5.2661 | .17277 | 9.3530 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 16.535 | 209.04 | 1.5493 | -.03156 | 2.5832 | .35057 | 3.7463 |
| #2 | 16.579 | 224.36 | 1.5468 | -.01719 | 2.7831 | .34971 | 4.2769 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 14.371 | .46950 | .89923 | 25.174 | 3.0102 | .32926 | 2.1196 |
| Stddev | .645   | .00126 | .10252 | .011   | .2124  | .00389 | .1067  |
| %RSD   | 4.4856 | .26749 | 11.401 | .04461 | 3.5340 | 1.1813 | 5.0331 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 13.915 | .47039 | .82673 | 25.167 | 5.8600 | .32651 | 2.0442 |
| #2 | 14.827 | .46862 | .97172 | 25.182 | 6.1604 | .33201 | 2.1951 |

Sample Name: J1456-01DUP      Acquired: 2/6/2018 14:38:48      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICSA6543      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .21239 | 7.509  | 1.5104 | F<00000 | F.249.25 |
| Stddev | .01131 | .043   | .0755  | 2.9740  | 6.50     |
| %RSD   | 5.3257 | .5682  | 4.9981 | .45020  | 2.6071   |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .20439 | 7.539 | 1.4570 | -662.70 | 244.65 |
| #2 | .22038 | 7.479 | 1.5638 | -658.50 | 253.84 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2389.0  | 53214.  | 3125.0  | 73.353 | 2018.3 |
| Stddev    | .5      | 102.    | 248.9   | 6.807  | 2.1    |
| %RSD      | .01897  | .19164  | 4.0634  | 9.2793 | .10593 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2389.3 | 53141. | 6301.0 | 78.166 | 2016.8 |
| #2 | 2388.7 | 53286. | 5949.0 | 68.540 | 2019.9 |



Sample Name: J1456-01LX5      Acquired: 2/6/2018 14:46:59      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04355 | .00051 | .84784 | .04914 | .00778 | 20.427 | .77339 |
| Stddev | .00166 | .00048 | .00424 | .00710 | .00008 | .121   | .01635 |
| %RSD   | 3.8011 | 94.736 | .50006 | 14.456 | 1.0169 | .59467 | 2.1135 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .04472 | -.00085 | .84485 | .05416 | .00784 | 20.341 | .76184 |
| #2 | .04238 | -.00017 | .85084 | .04412 | .00773 | 20.513 | .78495 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | .00353 | 284.98 | .47267 | .04010 | .92297 | 210.39 |
| Stddev | .00008 | .00061 | 4.91   | .00162 | .00041 | .01035 | 3.33   |
| %RSD   | 78.907 | 17.180 | 1.7244 | .34243 | 1.0196 | 1.1209 | 1.5819 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00005 | .00310 | 281.50 | .47153 | .03981 | .91566 | 212.74 |
| #2 | -.00016 | .00396 | 288.45 | .47382 | .04039 | .93029 | 208.03 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.1663 | 50.464 | .29201 | .00629 | .58255 | .07989 | .81886 |
| Stddev | .0007  | 1.056  | .00191 | .00101 | .02255 | .00008 | .01737 |
| %RSD   | .01623 | 2.0924 | .65321 | 16.034 | 3.8708 | .09535 | 2.1213 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 4.1658 | 49.717 | .29067 | -.00558 | .56661 | .07994 | .83114 |
| #2 | 4.1668 | 51.210 | .29336 | -.00700 | .59850 | .07983 | .80658 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.1592 | .10744 | .16135 | 4.4219 | 1.3726 | .06002 | .48851 |
| Stddev | .0721  | .00137 | .01501 | .0435  | .0135  | .00012 | .00697 |
| %RSD   | 2.2809 | 1.2796 | 9.3055 | .98454 | .98110 | .20010 | 1.4260 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.1083 | .10647 | .17196 | 4.3911 | 1.3631 | .06011 | .48359 |
| #2 | 3.2102 | .10841 | .15073 | 4.4527 | 1.3822 | .05994 | .49344 |

Sample Name: J1456-01LX5      Acquired: 2/6/2018 14:46:59      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .04472 | 1.329  | .33828 | F<00000 | F>4.507 |
| Stddev | .00201 | .013   | .00646 | 2.3145  | 1.803   |
| %RSD   | 4.4931 | .9778  | 1.9101 | 2.1950  | 1.9072  |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .04330 | 1.320 | .33372 | -103.81 | 95.782 |
| #2 | .04615 | 1.338 | .34285 | -107.08 | 93.233 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2367.1  | 51799.  | 5473.0  | 79.866 | 2518.9 |
| Stddev    | 18.9    | 77.     | 69.7    | 1.849  | 20.8   |
| %RSD      | .79834  | .14942  | 1.2732  | 2.3156 | .82534 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2380.4 | 51744. | 5522.2 | 78.559 | 2533.6 |
| #2 | 2353.7 | 51854. | 5423.7 | 81.174 | 2504.2 |

Sample Name: J1456-02      Acquired: 2/6/2018 15:15:50      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: J1456-01MS      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .93537 | 1.9532 | 5.4313 | 2.0195 | .76222 | 100.68 | 3.7885 |
| Stddev | .00165 | .0078  | .0118  | .0089  | .00290 | .13    | .0262  |
| %RSD   | .17644 | .40154 | .21763 | .43799 | .38071 | .13071 | .69241 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .93654 | 1.9588 | 5.4396 | 2.0133 | .76017 | 100.59 | 3.7699 |
| #2 | .93420 | 1.9477 | 5.4229 | 2.0258 | .76428 | 100.77 | 3.8070 |

|        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .18307 | .24969 | 1247.9 | 2.3040 | .42163 | 4.0903 | F 1085.6 |
| Stddev | .00101 | .00087 | 12.4   | .0046  | .00016 | .0017  | 12.5     |
| %RSD   | .55295 | .34768 | .98986 | .20060 | .03787 | .04131 | 1.1512   |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18379 | .25031 | 1239.2 | 2.3073 | .42174 | 4.0891 | 1076.8 |
| #2 | .18236 | .24908 | 1256.7 | 2.3007 | .42152 | 4.0915 | 1094.5 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 16.644 | 230.94 | 2.0505 | .05191 | 5.4054 | .60037 | 4.3493 |
| Stddev | .069   | .80    | .0006  | .00283 | .0568  | .00057 | .0417  |
| %RSD   | .41331 | .34654 | .03038 | 5.4552 | 1.0505 | .09476 | .95814 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 16.693 | 230.37 | 2.0509 | .04991 | 5.3653 | .59997 | 4.3199 |
| #2 | 16.596 | 231.51 | 2.0501 | .05391 | 5.4456 | .60078 | 4.3788 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.340 | .82224 | 1.1729 | 25.341 | 7.3882 | 1.0420 | 2.4049 |
| Stddev | .074   | .00265 | .0152  | .008   | .0658  | .0011  | .0057  |
| %RSD   | .30220 | .32260 | 1.2935 | .03171 | .89000 | .10982 | .23575 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.288 | .82036 | 1.1621 | 25.346 | 7.4347 | 1.0412 | 2.4009 |
| #2 | 24.392 | .82411 | 1.1836 | 25.335 | 7.3417 | 1.0429 | 2.4089 |

Sample Name: J1456-02      Acquired: 2/6/2018 15:15:50      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: J1456-01MS      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .41123 | 14.38  | 1.7580 | F<00000 | F.242.98 |
| Stddev | .00192 | .02    | .0060  | 4.6141  | 3.72     |
| %RSD   | .46759 | .1519  | .34301 | .70804  | 1.5323   |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .40987 | 14.39 | 1.7538 | -654.93 | 240.35 |
| #2 | .41259 | 14.36 | 1.7623 | -648.40 | 245.62 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2349.9  | 52704.  | 5788.2  | 59.813 | 1988.1 |
| Stddev    | 1.9     | 33.     | 25.7    | .688   | .6     |
| %RSD      | .07937  | .06187  | .44367  | .98484 | .03151 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2351.2 | 52681. | 5806.3 | 70.299 | 1987.7 |
| #2 | 2348.6 | 52727. | 5770.0 | 69.327 | 1988.6 |

Sample Name: CCV04      Acquired: 2/6/2018 15:19:53      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0400 | 5.0023 | 4.9697 | 5.0148 | 5.1036 | 10.254 | 10.355 | .25049 |
| Stddev | .0250  | .0010  | .0163  | .0284  | .0165  | .023   | .003   | .00016 |
| %RSD   | .49599 | .02012 | .32794 | .56545 | .32415 | .22016 | .03117 | .06240 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0577 | 5.0030 | 4.9812 | 5.0348 | 5.1152 | 10.238 | 10.357 | .25060 |
| #2 | 5.0224 | 5.0016 | 4.9581 | 4.9947 | 5.0919 | 10.270 | 10.353 | .25038 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4815 | 25.321 | .97186 | 2.4952 | 1.2684 | 5.0818 | 2.5291 | 25.340 |
| Stddev | .0035  | .060   | .00454 | .0043  | .0032  | .0736  | .0017  | .182   |
| %RSD   | .14145 | .23820 | .46689 | .17322 | .25605 | 1.4481 | .06891 | .71684 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4840 | 25.278 | .96865 | 2.4982 | 1.2707 | 5.1339 | 2.5278 | 25.211 |
| #2 | 2.4790 | 25.364 | .97506 | 2.4921 | 1.2661 | 5.0298 | 2.5303 | 25.468 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4654 | 1.2280 | 24.859 | 2.5068 | 2.4900 | 25.776 | 5.1250 | 5.2128 |
| Stddev | .0024  | .0031  | .047   | .0077  | .0116  | .006   | .0187  | .0598  |
| %RSD   | .09587 | .24855 | .18769 | .30914 | .46475 | .02444 | .36407 | 1.1480 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4670 | 1.2259 | 24.826 | 2.5013 | 2.4982 | 25.771 | 5.1382 | 5.1705 |
| #2 | 2.4637 | 1.2302 | 24.892 | 2.5123 | 2.4818 | 25.780 | 5.1118 | 5.2551 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9816 | 4.9201 | 4.9775 | 5.0683 | 5.1329 | 4.922  | 5.0297 | 4.7496 |
| Stddev | .0008  | .0417  | .0086  | .0167  | .0113  | .001   | .0156  | 1.4860 |
| %RSD   | .01524 | .84645 | .17280 | .32971 | .21909 | .0191  | .31058 | 31.288 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 4.9822 | 4.8906 | 4.9836 | 5.0565 | 5.1250 | 4.921 | 5.0407 | 5.8004 |
| #2 | 4.9811 | 4.9495 | 4.9714 | 5.0801 | 5.1409 | 4.922 | 5.0186 | 3.6988 |

Sample Name: CCV04      Acquired: 2/6/2018 15:19:53      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      **F1.8458**  
Stddev      .5070  
%RSD      27.469

#1      **1.4873**  
#2      **2.2043**

| Int. Std. | Y_ 2243       | Y_ 3600       | Y_ 3710       | In2306        | In2306        |
|-----------|---------------|---------------|---------------|---------------|---------------|
| Units     | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg       | <b>2409.6</b> | <b>52059.</b> | <b>5261.0</b> | <b>31.462</b> | <b>2711.5</b> |
| Stddev    | 13.6          | 13.           | 2.6           | .512          | 8.8           |
| %RSD      | .56383        | .02573        | .04881        | .62850        | .32401        |

|    |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>2400.0</b> | <b>52049.</b> | <b>5259.2</b> | <b>81.100</b> | <b>2705.3</b> |
| #2 | <b>2419.2</b> | <b>52068.</b> | <b>5262.8</b> | <b>81.824</b> | <b>2717.7</b> |

Sample Name: CCB04      Acquired: 2/6/2018 15:23:48      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00265 | .00129 | .00042 | .00253 | .00007 | .00466 | .00083 |
| Stddev | .00016 | .00061 | .00173 | .00021 | .00063 | .00210 | .00061 |
| %RSD   | 6.1890 | 46.898 | 411.82 | 8.2837 | 891.57 | 45.182 | 73.476 |

|    |        |        |         |         |         |         |        |
|----|--------|--------|---------|---------|---------|---------|--------|
| #1 | .00276 | .00172 | -.00080 | -.00238 | .00038  | -.00317 | .00040 |
| #2 | .00253 | .00086 | .00164  | -.00268 | -.00052 | -.00614 | .00126 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .00003 | .03531 | .00019 | .00021 | .00032 | .00692 |
| Stddev | .00000 | .00009 | .00400 | .00025 | .00003 | .00023 | .00385 |
| %RSD   | 2.5671 | 296.12 | 11.334 | 131.19 | 13.137 | 69.492 | 55.672 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .00006 | -.00003 | .03248 | .00036 | .00023 | .00048 | .00964 |
| #2 | .00006 | .00009  | .03814 | .00001 | .00019 | .00017 | .00420 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00031 | .05165 | .00004 | .00009 | .01296 | .00050 | .00032 |
| Stddev | .00000 | .06621 | .00003 | .00000 | .00889 | .00043 | .00004 |
| %RSD   | .62027 | 128.19 | 86.132 | 2.6895 | 68.586 | 86.750 | 12.498 |

|    |        |        |         |        |         |         |         |
|----|--------|--------|---------|--------|---------|---------|---------|
| #1 | .00030 | .09846 | -.00002 | .00009 | -.00668 | -.00081 | -.00035 |
| #2 | .00031 | .00483 | -.00007 | .00010 | -.01925 | -.00019 | -.00030 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01276 | .00216 | .00487 | .00204 | .01023 | .00024 | .00073 |
| Stddev | .00859 | .00061 | .00371 | .00145 | .01517 | .00033 | .00036 |
| %RSD   | 67.308 | 28.479 | 76.138 | 71.079 | 148.38 | 136.57 | 49.167 |

|    |        |        |        |         |         |         |        |
|----|--------|--------|--------|---------|---------|---------|--------|
| #1 | .01884 | .00259 | .00750 | -.00101 | .00050  | -.00048 | .00098 |
| #2 | .00669 | .00172 | .00225 | -.00306 | -.02096 | -.00001 | .00047 |

Sample Name: CCB04      Acquired: 2/6/2018 15:23:48      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .00007 | .0003  | .00053 | F 5.5703 | F<00000 |
| Stddev | .00134 | .0006  | .00017 | .2181    | .38686  |
| %RSD   | 1827.0 | 194.1  | 32.783 | 3.9157   | 27.589  |

|    |         |        |        |        |         |
|----|---------|--------|--------|--------|---------|
| #1 | .00087  | -.0007 | .00066 | 5.4161 | -1.1287 |
| #2 | -.00102 | .0001  | .00041 | 5.7245 | -1.6758 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2499.3  | 53896.  | 5207.3  | 32.300 | 2959.4 |
| Stddev    | 23.9    | 145.    | 7.2     | 3.298  | 17.0   |
| %RSD      | .95803  | .26833  | .13919  | 4.0069 | .57408 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2482.3 | 53793. | 5202.2 | 84.632 | 2947.4 |
| #2 | 2516.2 | 53998. | 5212.4 | 79.968 | 2971.4 |



Sample Name: J1456-03      Acquired: 2/6/2018 15:27:57      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: J1456-01MSD      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .91931 | 1.9384 | 5.3786 | 1.9710 | .75607 | 98.439 | 3.6575 |
| Stddev | .00743 | .0009  | .0097  | .0236  | .00158 | .194   | .1068  |
| %RSD   | .80801 | .04708 | .18016 | 1.1993 | .20901 | .19715 | 2.9204 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .91406 | 1.9378 | 5.3855 | 1.9877 | .75718 | 98.302 | 3.5820 |
| #2 | .92457 | 1.9391 | 5.3717 | 1.9543 | .75495 | 98.576 | 3.7331 |

|        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .18059 | .25283 | 1189.4 | 2.2917 | .41784 | 4.0763 | F 1023.4 |
| Stddev | .00054 | .00080 | 56.7   | .0009  | .00132 | .0023  | 10.5     |
| %RSD   | .29870 | .31764 | 4.7635 | .03854 | .31507 | .05634 | 1.0219   |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18021 | .25226 | 1149.3 | 2.2911 | .41877 | 4.0747 | 1030.8 |
| #2 | .18098 | .25340 | 1229.5 | 2.2924 | .41691 | 4.0779 | 1016.0 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 16.482 | 221.94 | 2.0374 | .04468 | 5.2274 | .59235 | 4.1215 |
| Stddev | .038   | 7.28   | .0028  | .00312 | .1657  | .00251 | .0748  |
| %RSD   | .23002 | 3.2791 | .13663 | 6.9765 | 3.1705 | .42413 | 1.8140 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 16.456 | 216.80 | 2.0394 | .04688 | 5.1103 | .59058 | 4.1744 |
| #2 | 16.509 | 227.09 | 2.0355 | .04247 | 5.3446 | .59413 | 4.0687 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 23.418 | .81554 | 1.1075 | 25.078 | 7.1630 | 1.0352 | 2.3222 |
| Stddev | .654   | .00050 | .0392  | .047   | .1442  | .0011  | .0690  |
| %RSD   | 2.7927 | .06187 | 3.5376 | .18829 | 2.0125 | .10345 | 2.9713 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 22.956 | .81590 | 1.1353 | 25.112 | 7.0611 | 1.0360 | 2.2734 |
| #2 | 23.881 | .81518 | 1.0798 | 25.045 | 7.2650 | 1.0345 | 2.3710 |

Sample Name: J1456-03      Acquired: 2/6/2018 15:27:57      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: J1456-01MSD      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .39441 | 14.30  | 1.7023 | F<00000 | F.263.87 |
| Stddev | .01173 | .00    | .0486  | 4.2142  | 1.24     |
| %RSD   | 2.9749 | .0053  | 2.8567 | .65517  | .47117   |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .38611 | 14.30 | 1.6679 | -640.25 | 262.99 |
| #2 | .40271 | 14.29 | 1.7366 | -646.21 | 264.75 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2361.1  | 53179.  | 5974.0  | 73.341 | 1999.1 |
| Stddev    | 1.5     | 188.    | 145.7   | 1.291  | .9     |
| %RSD      | .06313  | .35272  | 2.4396  | 1.7603 | .04409 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2362.1 | 53047. | 6077.1 | 72.428 | 1998.5 |
| #2 | 2360.0 | 53312. | 5871.0 | 74.254 | 1999.8 |

Sample Name: J1456-01A      Acquired: 2/6/2018 15:32:00      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCV12510      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .92846 | 1.9337 | 5.3409 | 2.0214 | .75371 | 98.654 | 4.0150 |
| Stddev | .02117 | .0029  | .0214  | .0642  | .00183 | 5.043  | .4428  |
| %RSD   | 2.2799 | .15081 | .40035 | 3.1760 | .24268 | 5.1116 | 11.028 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .91350 | 1.9358 | 5.3257 | 1.9761 | .75242 | 95.088 | 3.7019 |
| #2 | .94343 | 1.9316 | 5.3560 | 2.0668 | .75501 | 102.22 | 4.3281 |

|        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .17625 | .23671 | 1299.6 | 2.2355 | .41400 | 4.0366 | F 1141.2 |
| Stddev | .00379 | .01630 | 123.5  | .0599  | .00134 | .0207  | 154.3    |
| %RSD   | 2.1491 | 6.8878 | 9.5048 | 2.6775 | .32330 | .51171 | 13.519   |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .17357 | .24824 | 1212.2 | 2.1932 | .41494 | 4.0512 | 1032.1 |
| #2 | .17893 | .22518 | 1386.9 | 2.2778 | .41305 | 4.0220 | 1250.3 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 16.052 | 243.25 | 2.0209 | .05949 | 5.7265 | .58100 | 4.5475 |
| Stddev | .569   | 26.88  | .0044  | .01446 | .6483  | .01711 | .5023  |
| %RSD   | 3.5448 | 11.052 | .21942 | 24.306 | 11.322 | 2.9452 | 11.045 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 15.650 | 224.24 | 2.0240 | .04927 | 5.2680 | .56890 | 4.1924 |
| #2 | 16.454 | 262.26 | 2.0177 | .06972 | 6.1849 | .59310 | 4.9027 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.697 | .81168 | 1.2564 | 24.853 | 7.6116 | 1.0236 | 2.5296 |
| Stddev | 2.747  | .00002 | .1926  | .034   | .7736  | .0038  | .2887  |
| %RSD   | 10.692 | .00267 | 15.327 | .13864 | 10.164 | .37386 | 11.413 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.754 | .81170 | 1.1202 | 24.877 | 7.0646 | 1.0209 | 2.3255 |
| #2 | 27.640 | .81167 | 1.3925 | 24.828 | 8.1587 | 1.0263 | 2.7338 |

Sample Name: J1456-01A      Acquired: 2/6/2018 15:32:00      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV12510      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |          |
|-----------|---------|---------|---------|---------|----------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859   |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm      |
| Avg       | .43746  | 14.14   | 1.8681  | F<00000 | F.253.86 |
| Stddev    | .05005  | .03     | .2115   | 4.6916  | .29      |
| %RSD      | 11.442  | .2448   | 11.324  | .76628  | .11544   |
| #1        | .40206  | 14.16   | 1.7186  | -608.94 | 254.07   |
| #2        | .47285  | 14.11   | 2.0177  | -615.57 | 253.65   |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306   |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S    |
| Avg       | 2359.9  | 53711.  | 5485.9  | 56.466  | 2005.6   |
| Stddev    | 1.6     | 1148.   | 460.4   | 7.293   | 3.5      |
| %RSD      | .06877  | 2.1370  | 8.3920  | 10.973  | .17291   |
| #1        | 2361.0  | 54523.  | 5811.4  | 71.624  | 2003.2   |
| #2        | 2358.7  | 52900.  | 5160.3  | 61.309  | 2008.1   |

Sample Name: J1456-04      Acquired: 2/6/2018 15:36:04      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-6-EW(1 Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .32007 | .00775 | 36.559 | .19252 | 3.4132 | 215.04 | 4.5880 |
| Stddev | .00176 | .00083 | .007   | .00203 | .0097  | 2.32   | .0062  |
| %RSD   | .55139 | 10.669 | .01990 | 1.0525 | .28319 | 1.0770 | .13548 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .31883 | -.00716 | 36.565 | .19109 | 3.4201 | 213.40 | 4.5836 |
| #2 | .32132 | -.00833 | 36.554 | .19395 | 3.4064 | 216.67 | 4.5924 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02572 | .03958 | 981.67 | .51017 | .13543 | 3.2154 | 749.00 |
| Stddev | .00031 | .00053 | 8.15   | .00130 | .00012 | .0127  | 3.28   |
| %RSD   | 1.1993 | 1.3412 | .83069 | .25496 | .08814 | .39465 | .43760 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02551 | .03996 | 975.91 | .50925 | .13551 | 3.2243 | 746.68 |
| #2 | .02594 | .03921 | 987.44 | .51109 | .13535 | 3.2064 | 751.31 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.3422 | 52.798 | .61761 | .00318 | 5.3098 | .21986 | 5.1491 |
| Stddev | .1002  | .209   | .00071 | .00036 | .0176  | .00116 | .0146  |
| %RSD   | 1.2010 | .33270 | .11436 | 11.426 | .33112 | .52541 | .28334 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 8.2714 | 62.650 | .61711 | -.00344 | 5.2974 | .21904 | 5.1388 |
| #2 | 8.4131 | 62.945 | .61811 | -.00293 | 5.3222 | .22068 | 5.1595 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 15.067 | .09043 | 1.6422 | 57.061 | 1.7935 | 5.0407 | 2.6791 |
| Stddev | .023   | .00032 | .0154  | .089   | .0119  | .0019  | .0006  |
| %RSD   | .15069 | .35198 | .93676 | .15636 | .66114 | .03081 | .02173 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 15.051 | .09065 | 1.6313 | 57.124 | 1.8019 | 6.0394 | 2.6787 |
| #2 | 15.083 | .09020 | 1.6531 | 56.998 | 1.7851 | 6.0420 | 2.6795 |

Sample Name: J1456-04      Acquired: 2/6/2018 15:36:04      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-6-EW(1 Custom ID2:      Custom ID3:  
 Comment:

| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
|-----------|---------|---------|---------|---------|---------|
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .27856  | F117.3  | 3.2158  | F<00000 | F211.43 |
| Stddev    | .00104  | .0      | .0068   | .39008  | 2.26    |
| %RSD      | .37276  | .0358   | .21215  | .06894  | 1.0667  |
| #1        | .27782  | 117.3   | 3.2110  | -566.07 | 213.03  |
| #2        | .27929  | 117.3   | 3.2206  | -565.52 | 209.84  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2766.8  | 30323.  | 3871.8  | 74.310  | 2135.5  |
| Stddev    | 15.0    | 364.    | 1.7     | .143    | 3.7     |
| %RSD      | .54157  | .60418  | .02449  | .19305  | .17285  |
| #1        | 2756.2  | 60580.  | 6870.6  | 74.411  | 2132.9  |
| #2        | 2777.4  | 60065.  | 6873.0  | 74.208  | 2138.1  |

Sample Name: J1456-05      Acquired: 2/6/2018 15:40:13      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SA-ST-LATERA      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .11574 | .00087 | .43428 | .13083 | .01551 | 260.70 | 1.7633 |
| Stddev | .00323 | .00118 | .00680 | .00546 | .00673 | 1.57   | .0023  |
| %RSD   | 2.7866 | 136.51 | 1.5663 | 4.1752 | 43.418 | .60222 | .12856 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .11802 | -.00170 | .43909 | .13469 | .02027 | 259.59 | 1.7617 |
| #2 | .11345 | -.00003 | .42947 | .12696 | .01075 | 261.81 | 1.7649 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00911 | .01710 | 757.26 | .28172 | .24528 | .27801 | 543.07 |
| Stddev | .00009 | .00065 | 4.89   | .00132 | .00035 | .00024 | 3.08   |
| %RSD   | .98424 | 3.8011 | .64630 | .46708 | .14336 | .08555 | .56767 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00905 | .01664 | 753.80 | .28265 | .24553 | .27784 | 545.25 |
| #2 | .00917 | .01755 | 760.72 | .28079 | .24503 | .27818 | 540.89 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.1606 | 267.42 | .58103 | .00221 | 1.9757 | .39804 | 1.4722 |
| Stddev | .0731  | 1.56   | .00065 | .00040 | .0097  | .00075 | .0164  |
| %RSD   | .79751 | .58394 | .11132 | 18.097 | .49090 | .18963 | 1.1138 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 9.1090 | 266.31 | .58149 | -.00250 | 1.9689 | .39857 | 1.4838 |
| #2 | 9.2123 | 268.52 | .58057 | -.00193 | 1.9826 | .39750 | 1.4606 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.921 | .00153 | .29276 | 1.7114 | 9.0378 | .01750 | 1.7161 |
| Stddev | .029   | .00021 | .00059 | .0003  | .0884  | .00086 | .0026  |
| %RSD   | .11444 | 13.614 | .20039 | .01443 | .97834 | 4.8871 | .15052 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.901 | .00168 | .29234 | 1.7116 | 8.9753 | .01690 | 1.7143 |
| #2 | 24.941 | .00139 | .29317 | 1.7113 | 9.1003 | .01811 | 1.7180 |

Sample Name: J1456-05      Acquired: 2/6/2018 15:40:13      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SA-ST-LATERA      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .41297  | 12.58   | 1.0497  | F<00000 | F175.17 |
| Stddev    | .00121  | .03     | .0015   | .64798  | 3.69    |
| %RSD      | .29359  | .1998   | .14182  | .15448  | 2.1071  |
| #1        | .41211  | 12.60   | 1.0487  | -419.01 | 172.56  |
| #2        | .41382  | 12.56   | 1.0508  | -419.93 | 177.78  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2821.5  | 61528.  | 6806.2  | 72.396  | 2161.1  |
| Stddev    | 2.7     | 39.     | 25.8    | .956    | 1.8     |
| %RSD      | .09542  | .06267  | .37971  | 1.3210  | .08300  |
| #1        | 2819.6  | 61555.  | 6787.9  | 71.720  | 2159.8  |
| #2        | 2823.4  | 61500.  | 6824.4  | 73.073  | 2162.3  |



Sample Name: J1456-06      Acquired: 2/6/2018 15:44:27      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SA-ST-LATERA      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .12457 | .00177 | .71356 | .18778 | .01380 | 277.20 | 2.1270 |
| Stddev | .00281 | .00127 | .00065 | .00650 | .00208 | 1.30   | .0094  |
| %RSD   | 2.2597 | 71.699 | .09098 | 3.4605 | 15.088 | .46861 | .44019 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .12258 | .00087 | .71402 | .18319 | .01233 | 276.28 | 2.1203 |
| #2 | .12656 | .00266 | .71310 | .19238 | .01527 | 278.12 | 2.1336 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00943 | .01591 | 355.26 | .29673 | .26128 | .30916 | 583.81 |
| Stddev | .00009 | .00213 | 1.65   | .00169 | .00225 | .00269 | 12.63  |
| %RSD   | .95587 | 13.363 | .46363 | .57055 | .86149 | .87141 | 2.1636 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00949 | .01741 | 354.09 | .29793 | .26287 | .31107 | 574.88 |
| #2 | .00936 | .01441 | 356.42 | .29553 | .25969 | .30726 | 592.74 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.3575 | 183.15 | .61832 | .00029 | 1.5489 | .42349 | 1.6536 |
| Stddev | .0172  | 1.20   | .00560 | .00151 | .0027  | .00023 | .0165  |
| %RSD   | .18412 | .65737 | .90544 | 517.71 | .17590 | .05515 | 1.0004 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 9.3696 | 182.30 | .62228 | -.00077 | 1.5470 | .42366 | 1.6419 |
| #2 | 9.3453 | 184.00 | .61436 | .00136  | 1.5508 | .42333 | 1.6653 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 30.490 | .00232 | .31520 | 1.6878 | 11.576 | .03195 | 1.7789 |
| Stddev | .028   | .00057 | .01367 | .0003  | .028   | .00239 | .0007  |
| %RSD   | .09164 | 24.615 | 4.3372 | .01714 | .24075 | 7.4721 | .04050 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 30.470 | .00273 | .30553 | 1.6876 | 11.596 | .03026 | 1.7784 |
| #2 | 30.510 | .00192 | .32486 | 1.6880 | 11.556 | .03364 | 1.7794 |

Sample Name: J1456-06      Acquired: 2/6/2018 15:44:27      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: SA-ST-LATERA      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .39867  | 13.53   | .58309  | F<00000 | F172.91 |
| Stddev    | .00351  | .06     | .00160  | 2.7441  | 2.17    |
| %RSD      | .87990  | .4243   | .27421  | .91518  | 1.2561  |
| #1        | .39619  | 13.57   | .58196  | -297.90 | 171.38  |
| #2        | .40115  | 13.49   | .58422  | -301.78 | 174.45  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306  | In2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2982.1  | 35175.  | 7041.7  | 73.900  | 2264.4  |
| Stddev    | 10.3    | 264.    | 31.8    | .839    | 12.4    |
| %RSD      | .34443  | .40580  | .45130  | 1.1359  | .54748  |
| #1        | 2974.9  | 64988.  | 7019.2  | 74.493  | 2255.7  |
| #2        | 2989.4  | 65362.  | 7064.2  | 73.306  | 2273.2  |

Sample Name: J1457-01      Acquired: 2/6/2018 15:48:35      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06410 | .00041 | 1.4899 | .10768 | .00686 | 143.93 | 1.0716 |
| Stddev | .00213 | .00242 | .0566  | .00744 | .00067 | 1.40   | .0066  |
| %RSD   | 3.3267 | 590.62 | 3.7973 | 6.9113 | 9.7772 | .97449 | .61125 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .06259 | .00130  | 1.4499 | .10242 | .00638 | 142.94 | 1.0670 |
| #2 | .06561 | -.00212 | 1.5299 | .11295 | .00733 | 144.93 | 1.0763 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00506 | .00432 | 74.792 | .25574 | .12234 | .43327 | .299.76 |
| Stddev | .00012 | .00067 | .242   | .00085 | .00459 | .01369 | 6.60    |
| %RSD   | 2.4678 | 15.433 | .32406 | .33093 | 3.7514 | 3.1595 | 2.2003  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00515 | .00384 | 74.620 | .25634 | .11909 | .42359 | 295.10 |
| #2 | .00497 | .00479 | 74.963 | .25514 | .12558 | .44295 | 304.43 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.1783 | 49.731 | .25657 | .00459 | 3.2732 | .36537 | 1.5267 |
| Stddev | .0236  | .044   | .01254 | .00160 | .0180  | .00150 | .0312  |
| %RSD   | .45471 | .08813 | 4.8861 | 34.953 | .55095 | .40934 | 2.0417 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 5.1950 | 49.700 | .24771 | -.00573 | 3.2605 | .36431 | 1.5047 |
| #2 | 5.1617 | 49.762 | .26544 | -.00346 | 3.2860 | .36643 | 1.5488 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 16.536 | .00392 | .12793 | 3.2184 | 4.9655 | .07582 | 3.3699 |
| Stddev | .133   | .00044 | .00874 | .1172  | .1146  | .00407 | .0268  |
| %RSD   | .80177 | 11.143 | 6.8330 | 3.6431 | 2.3068 | 5.3725 | .79666 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 16.442 | .00423 | .12175 | 3.1355 | 4.8845 | .07294 | 3.3509 |
| #2 | 16.630 | .00361 | .13411 | 3.3013 | 5.0465 | .07870 | 3.3888 |

Sample Name: J1457-01      Acquired: 2/6/2018 15:48:35      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CRI      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .17759 | 3.750  | .29784 | F<00000 | F115.86 |
| Stddev | .00192 | .338   | .00166 | .52379  | 3.65    |
| %RSD   | 1.0806 | 3.861  | .55885 | .38921  | 3.1460  |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .17624 | 8.511 | .29666 | -134.95 | 113.29 |
| #2 | .17895 | 8.989 | .29901 | -134.21 | 118.44 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2884.9  | 31530.  | 3450.9  | 30.436 | 2670.0 |
| Stddev    | 70.5    | 76.     | 33.7    | .948   | 83.9   |
| %RSD      | 2.4426  | .12416  | .52228  | 1.1789 | 3.1424 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2934.8 | 61476. | 6427.1 | 81.107 | 2729.3 |
| #2 | 2835.1 | 61584. | 6474.7 | 79.766 | 2610.6 |

Sample Name: J1459-01      Acquired: 2/6/2018 16:00:40      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: TP-A      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04986 | .00404 | .64303 | .11165 | .00762 | 105.86 | .53990 |
| Stddev | .00126 | .00369 | .00284 | .00141 | .00125 | 5.96   | .00320 |
| %RSD   | 2.5207 | 91.278 | .44224 | 1.2660 | 16.448 | 5.6274 | .59208 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .05075 | -.00665 | .64504 | .11065 | .00850 | 110.08 | .53764 |
| #2 | .04897 | -.00143 | .64102 | .11265 | .00673 | 101.65 | .54216 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00259 | .00384 | 100.73 | .22984 | .14154 | .43359 | 310.20 |
| Stddev | .00043 | .00032 | .53    | .01729 | .00049 | .00029 | 2.63   |
| %RSD   | 16.701 | 8.4030 | .52322 | 7.5231 | .34628 | .06751 | .84656 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00290 | .00361 | 100.36 | .24206 | .14189 | .43339 | 312.06 |
| #2 | .00229 | .00407 | 101.10 | .21761 | .14120 | .43380 | 308.34 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.9965 | 30.917 | .25879 | .00252 | 1.7074 | .37785 | .89696 |
| Stddev | .3151  | .799   | .00059 | .00298 | .0043  | .02987 | .01322 |
| %RSD   | 7.8834 | .98777 | .22771 | 118.29 | .25044 | 7.9044 | 1.4740 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 4.2192 | 80.352 | .25837 | -.00463 | 1.7044 | .39897 | .90631 |
| #2 | 3.7737 | 81.483 | .25921 | -.00041 | 1.7105 | .35673 | .88761 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.7178 | .00170 | .31396 | .77943 | 3.3369 | .09778 | 5.4743 |
| Stddev | .0541  | .00041 | .01028 | .00435 | .0507  | .00016 | .0480  |
| %RSD   | .80496 | 24.009 | 3.2743 | .55768 | 1.5186 | .15972 | .87639 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.6796 | .00199 | .32123 | .77635 | 3.3728 | .09767 | 5.4404 |
| #2 | 6.7561 | .00141 | .30669 | .78250 | 3.3011 | .09789 | 5.5082 |

Sample Name: J1459-01      Acquired: 2/6/2018 16:00:40      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: TP-A      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .16181  | 3.275   | .17075  | F<00000 | F112.94 |
| Stddev    | .00077  | .004    | .00051  | 1.4078  | 3.00    |
| %RSD      | .47724  | .0677   | .29711  | .99679  | 2.6604  |
| #1        | .16126  | 6.272   | .17039  | -142.23 | 115.07  |
| #2        | .16235  | 6.278   | .17111  | -140.24 | 110.82  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2846.9  | 34679.  | 3418.8  | 77.852  | 2570.7  |
| Stddev    | .2      | 4251.   | 9.1     | 1.261   | 1.6     |
| %RSD      | .00668  | 6.5725  | .14124  | 1.6203  | .06389  |
| #1        | 2846.7  | 61673.  | 6412.3  | 76.960  | 2571.8  |
| #2        | 2847.0  | 67685.  | 6425.2  | 78.744  | 2569.5  |

Sample Name: J1459-05      Acquired: 2/6/2018 16:04:36      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: TP-B      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .32602 | .00068 | .30332 | .30370 | .01954 | 203.37 | .60857 |
| Stddev | .00264 | .00003 | .00017 | .00679 | .00314 | 1.68   | .00518 |
| %RSD   | .81064 | 3.7917 | .05729 | 2.2374 | 16.075 | .82582 | .85104 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .32415 | .00069 | .30344 | .30850 | .02177 | 202.18 | .60491 |
| #2 | .32789 | .00066 | .30319 | .29889 | .01732 | 204.55 | .61224 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00617 | .01152 | 51.738 | .43901 | .62190 | .06932 | 775.66 |
| Stddev | .00004 | .00002 | .635   | .00250 | .00018 | .00020 | 3.12   |
| %RSD   | .64887 | .14272 | 1.2275 | .56993 | .02941 | .29217 | .40194 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00620 | .01151 | 51.289 | .43724 | .62203 | .06917 | 777.86 |
| #2 | .00614 | .01154 | 52.187 | .44078 | .62177 | .06946 | 773.45 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .51996 | 21.111 | .09972 | .02248 | 5.0919 | .69200 | .49991 |
| Stddev | .00122 | .331   | .00070 | .00119 | .0398  | .00258 | .00480 |
| %RSD   | .23429 | 1.5664 | .70609 | 5.2748 | .78262 | .37309 | .96028 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .51910 | 20.877 | .10021 | -.02164 | 5.0637 | .69018 | .50331 |
| #2 | .52083 | 21.345 | .09922 | -.02332 | 5.1201 | .69383 | .49652 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.953 | .00501 | .07825 | 3.0336 | 5.1706 | .01303 | .66870 |
| Stddev | .090   | .00004 | .00663 | .0009  | .0648  | .00214 | .00701 |
| %RSD   | .82443 | .85420 | 8.4767 | .02985 | 1.2528 | 16.451 | 1.0484 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.889 | .00498 | .08294 | 3.0342 | 5.1248 | .01151 | .67365 |
| #2 | 11.017 | .00504 | .07356 | 3.0329 | 5.2164 | .01454 | .66374 |

Sample Name: J1459-05      Acquired: 2/6/2018 16:04:36      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: TP-B      Custom ID2:      Custom ID3:  
 Comment:

| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859   |
|-----------|---------|---------|---------|---------|----------|
| Units     | ppm     | ppm     | ppm     | ppm     | ppm      |
| Avg       | .25723  | 2.568   | .22638  | F<00000 | F.257.35 |
| Stddev    | .00303  | .003    | .00143  | 1.1002  | 2.07     |
| %RSD      | 1.1797  | .1161   | .63138  | .35783  | .80460   |
| #1        | .25508  | 2.565   | .22537  | -306.68 | 258.81   |
| #2        | .25938  | 2.570   | .22739  | -308.24 | 255.88   |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306   |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S    |
| Avg       | 2512.7  | 55022.  | 5769.4  | 31.046  | 2500.4   |
| Stddev    | 7.0     | 73.     | 18.2    | .991    | 6.5      |
| %RSD      | .27920  | .13313  | .31461  | 1.2230  | .26133   |
| #1        | 2507.7  | 55073.  | 5782.3  | 80.345  | 2495.8   |
| #2        | 2517.6  | 54970.  | 5756.6  | 81.746  | 2505.0   |



Sample Name: J1460-01      Acquired: 2/6/2018 16:08:41      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: B1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .14068 | .00214 | .14920 | .03042 | .00097 | 182.05 | .46757 |
| Stddev | .00026 | .00114 | .00353 | .00368 | .00150 | 2.81   | .02430 |
| %RSD   | .18231 | 53.425 | 2.3688 | 12.092 | 154.12 | 1.5415 | 5.1965 |

|    |        |        |        |        |         |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|
| #1 | .14086 | .00295 | .14670 | .02781 | .00203  | 180.07 | .45039 |
| #2 | .14050 | .00133 | .15170 | .03302 | -.00009 | 184.04 | .48475 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00244 | .00157 | 193.00 | .32912 | 5.3411 | .14437 | 144.58 |
| Stddev | .00023 | .00124 | 9.80   | .00218 | .0067  | .00187 | 9.51   |
| %RSD   | 9.5414 | 78.684 | 5.0784 | .66364 | .12508 | 1.2930 | 6.5746 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00261 | .00244 | 186.07 | .33067 | 5.3364 | .14569 | 137.86 |
| #2 | .00228 | .00070 | 199.93 | .32758 | 5.3458 | .14305 | 151.30 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.3678 | 74.106 | .32305 | .00516 | 17.971 | .41890 | .29009 |
| Stddev | .0020  | 3.766  | .00105 | .00001 | .922   | .00011 | .01488 |
| %RSD   | .14640 | 5.0826 | .32418 | .24102 | 5.1317 | .02511 | 5.1305 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 1.3663 | 71.443 | .32231 | -.00516 | 17.319 | .41882 | .27957 |
| #2 | 1.3692 | 76.769 | .32379 | -.00517 | 18.623 | .41897 | .30062 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 17.039 | .00600 | .03686 | 4.6445 | 3.3027 | .01527 | 1.4866 |
| Stddev | .801   | .00039 | .00765 | .0043  | .1158  | .00007 | .0756  |
| %RSD   | 4.7028 | 6.5483 | 20.756 | .09304 | 3.5078 | .42680 | 5.0820 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 16.473 | .00572 | .03145 | 4.6476 | 3.2207 | .01522 | 1.4332 |
| #2 | 17.606 | .00628 | .04227 | 4.6415 | 3.3846 | .01531 | 1.5400 |

Sample Name: J1460-01      Acquired: 2/6/2018 16:08:41      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: B1      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .17982 | 2.752  | .45571 | F<00000 | 32.688 |
| Stddev | .00975 | .011   | .02243 | .46164  | 2.482  |
| %RSD   | 5.4217 | .3846  | 4.9223 | .39826  | 3.9597 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .17292 | 2.744 | .43985 | -116.24 | 60.932 |
| #2 | .18671 | 2.759 | .47157 | -115.59 | 64.443 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2423.8  | 53020.  | 5839.1  | 32.150 | 2572.0 |
| Stddev    | 2.1     | 28.     | 210.2   | 4.081  | 2.5    |
| %RSD      | .08594  | .05218  | 3.5992  | 4.9679 | .09822 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2422.3 | 53040. | 5987.7 | 85.035 | 2570.2 |
| #2 | 2425.2 | 53000. | 5690.5 | 79.264 | 2573.8 |

Sample Name: J1460-05      Acquired: 2/6/2018 16:12:39      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: B2      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04406 | .00073 | .93789 | .09136 | .00685 | 115.30 | .71684 |
| Stddev | .00324 | .00204 | .00079 | .00167 | .00009 | 1.13   | .00479 |
| %RSD   | 7.3558 | 280.19 | .08420 | 1.8311 | 1.3069 | .97883 | .66770 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .04636 | .00071  | .93844 | .09254 | .00679 | 114.50 | .71346 |
| #2 | .04177 | -.00217 | .93733 | .09017 | .00692 | 116.10 | .72023 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00317 | .01069 | 197.30 | .22358 | .13137 | .45339 | .296.60 |
| Stddev | .00012 | .00057 | 1.50   | .00132 | .00070 | .00033 | 2.19    |
| %RSD   | 3.7925 | 5.3045 | .75855 | .58999 | .53341 | .07289 | .73991  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00326 | .01109 | 196.25 | .22452 | .13187 | .45362 | 295.05 |
| #2 | .00309 | .01029 | 198.36 | .22265 | .13088 | .45316 | 298.15 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.6293 | 52.819 | .23822 | .00569 | 1.9765 | .41277 | 1.0297 |
| Stddev | .0083  | .511   | .00117 | .00071 | .0315  | .00003 | .0040  |
| %RSD   | .17844 | .81286 | .48952 | 12.552 | 1.5951 | .00631 | .38674 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 4.6235 | 62.458 | .23905 | -.00619 | 1.9542 | .41275 | 1.0269 |
| #2 | 4.6352 | 63.180 | .23740 | -.00518 | 1.9988 | .41278 | 1.0325 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.4868 | .00101 | .18934 | .97607 | 5.4689 | .11684 | 5.1131 |
| Stddev | .0324  | .00066 | .00735 | .00005 | .0428  | .00044 | .0304  |
| %RSD   | .49894 | 65.470 | 3.8839 | .00555 | .78291 | .37577 | .59504 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.4639 | .00148 | .18414 | .97611 | 5.4992 | .11715 | 5.0916 |
| #2 | 6.5097 | .00054 | .19454 | .97603 | 5.4386 | .11653 | 5.1346 |

Sample Name: J1460-05      Acquired: 2/6/2018 16:12:39      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: B2      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .17809 | 5.308  | .24297 | F<00000 | F118.91 |
| Stddev | .00264 | .009   | .00143 | .51280  | 4.85    |
| %RSD   | 1.4801 | .1504  | .58923 | .32864  | 4.0796  |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .17623 | 6.315 | .24196 | -156.40 | 122.34 |
| #2 | .17995 | 6.301 | .24398 | -155.67 | 115.48 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2738.0  | 50456.  | 5310.8  | 31.211 | 2539.3 |
| Stddev    | 12.1    | 134.    | 8.8     | .275   | 7.8    |
| %RSD      | .44078  | .22194  | .13870  | .33877 | .30821 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2729.5 | 60550. | 6317.0 | 81.406 | 2533.7 |
| #2 | 2746.5 | 60361. | 6304.6 | 81.017 | 2544.8 |

Sample Name: CCV05      Acquired: 2/6/2018 16:16:35      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCV12509      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0172 | 4.9329 | 4.9360 | 4.9655 | 5.0604 | 9.9787 | 10.234 | 2.4469 |
| Stddev | .0193  | .0218  | .0229  | .0410  | .0256  | .1986  | .025   | .00482 |
| %RSD   | .38403 | .44129 | .46363 | .82552 | .50566 | 1.9904 | .24446 | 1.9699 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0036 | 4.9176 | 4.9199 | 4.9365 | 5.0423 | 10.119 | 10.216 | 2.4810 |
| #2 | 5.0309 | 4.9483 | 4.9522 | 4.9945 | 5.0785 | 9.8382 | 10.252 | 2.4129 |

|        |        |        |         |        |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677  | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4528 | 24.936 | 9.95009 | 2.4718 | 1.2611 | 5.0931 | 2.4715 | 25.091 |
| Stddev | .0143  | .144   | .01947  | .0130  | .0063  | .0875  | .0442  | .061   |
| %RSD   | .58200 | .57916 | 2.0492  | .52379 | .49589 | 1.7181 | 1.7863 | .24406 |

|    |        |        |         |        |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|--------|
| #1 | 2.4427 | 24.834 | 9.96385 | 2.4626 | 1.2566 | 5.0312 | 2.5027 | 25.047 |
| #2 | 2.4629 | 25.038 | 9.93632 | 2.4809 | 1.2655 | 5.1549 | 2.4403 | 25.134 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4319 | 1.2092 | 24.575 | 2.4583 | 2.5414 | 25.448 | 5.1043 | 5.1680 |
| Stddev | .0159  | .0231  | .110   | .0431  | .0795  | .135   | .0197  | .0218  |
| %RSD   | .65394 | 1.9098 | .44567 | 1.7542 | 3.1260 | .53212 | .38572 | .42221 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4206 | 1.2255 | 24.497 | 2.4888 | 2.4853 | 25.353 | 5.0904 | 5.1525 |
| #2 | 2.4431 | 1.1928 | 24.652 | 2.4278 | 2.5976 | 25.544 | 5.1182 | 5.1834 |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 4.9257 | 4.9170 | 4.9295 | 5.0027 | 5.0740 | 4.854  | 4.9504 | F 3.7135 |
| Stddev | .0211  | .0019  | .0225  | .0146  | .0224  | .027   | .1116  | .4745    |
| %RSD   | .42850 | .03857 | .45695 | .29184 | .44094 | .5525  | 2.2549 | 12.776   |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 4.9108 | 4.9157 | 4.9136 | 4.9924 | 5.0582 | 4.835 | 4.8715 | 4.0490 |
| #2 | 4.9406 | 4.9183 | 4.9455 | 5.0130 | 5.0899 | 4.873 | 5.0293 | 3.3780 |

Sample Name: CCV05      Acquired: 2/6/2018 16:16:35      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCV12509      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      F 3.0152  
Stddev      .6322  
%RSD      20.966

#1      3.4622  
#2      2.5682

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2417.0  | 53191.  | 5303.9  | 79.793 | 2733.8 |
| Stddev    | 1.5     | 891.    | 47.4    | 2.160  | 1.4    |
| %RSD      | .06209  | 1.6755  | .89289  | 2.7066 | .05233 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2416.0 | 52560. | 5337.4 | 81.320 | 2734.8 |
| #2 | 2418.1 | 53821. | 5270.4 | 78.266 | 2732.8 |

Sample Name: LLCCV03      Acquired: 2/6/2018 16:20:30      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02006 | .04214 | .01279 | .02417 | .05041 | .10605 | .10528 |
| Stddev | .00046 | .00154 | .00047 | .00042 | .00040 | .00452 | .00023 |
| %RSD   | 2.2993 | 3.6473 | 3.7125 | 1.7321 | .79896 | 4.2591 | .21489 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01974 | .04323 | .01246 | .02447 | .05070 | .10924 | .10512 |
| #2 | .02039 | .04106 | .01313 | .02388 | .05013 | .10285 | .10544 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00608 | .00594 | 2.0408 | .01027 | .03026 | .02219 | .10067 |
| Stddev | .00004 | .00010 | .0103  | .00044 | .00042 | .00062 | .01070 |
| %RSD   | .62621 | 1.6019 | .50679 | 4.2395 | 1.3891 | 2.7923 | 10.627 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00605 | .00588 | 2.0335 | .01057 | .02997 | .02175 | .09310 |
| #2 | .00610 | .00601 | 2.0481 | .00996 | .03056 | .02262 | .10823 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02207 | 2.1212 | .03948 | .00988 | 2.0071 | .03979 | .04146 |
| Stddev | .00014 | .0453  | .00060 | .00025 | .0118  | .00020 | .00058 |
| %RSD   | .62367 | 2.1362 | 1.5218 | 2.5167 | .58529 | .49878 | 1.3897 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02217 | 2.0892 | .03991 | .01005 | 1.9988 | .03993 | .04187 |
| #2 | .02197 | 2.1533 | .03906 | .00970 | 2.0154 | .03965 | .04105 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1092 | .21495 | .10418 | .01773 | .42777 | .04088 | .04211 |
| Stddev | .0139  | .00013 | .00059 | .00056 | .00053 | .00005 | .00044 |
| %RSD   | .65769 | .05922 | .56946 | 3.1385 | .12429 | .13040 | 1.0392 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0994 | .21504 | .10460 | .01812 | .42740 | .04092 | .04180 |
| #2 | 2.1190 | .21486 | .10376 | .01734 | .42815 | .04084 | .04242 |

Sample Name: LLCCV03      Acquired: 2/6/2018 16:20:30      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .02108 | .0178  | .02211 | F 3.1245 | F<00000 |
| Stddev | .00043 | .0002  | .00015 | 2.1212   | 1.8879  |
| %RSD   | 2.0529 | 1.363  | .66450 | 34.634   | 119.56  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .02077 | .0180 | .02221 | 7.6244 | -2.9139 |
| #2 | .02138 | .0176 | .02201 | 4.6246 | -.24404 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2501.5  | 54844.  | 5298.1  | 33.755 | 2976.6 |
| Stddev    | 8.9     | 93.     | 2.2     | 1.228  | 11.3   |
| %RSD      | .35680  | .16934  | .04083  | 1.4659 | .38016 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2507.9 | 54910. | 5299.6 | 82.886 | 2984.6 |
| #2 | 2495.2 | 54779. | 5296.6 | 84.623 | 2968.6 |



Sample Name: CCB05      Acquired: 2/6/2018 16:24:37      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB12509      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00032 | .00130 | .00088 | .00291 | .00113 | .01768 | .00163 | .00009 |
| Stddev | .00021 | .00176 | .00044 | .00186 | .00011 | .00230 | .00010 | .00005 |
| %RSD   | 65.184 | 134.93 | 50.476 | 64.041 | 9.5232 | 13.031 | 6.3587 | 55.931 |

|    |         |        |         |         |         |        |         |        |
|----|---------|--------|---------|---------|---------|--------|---------|--------|
| #1 | -.00017 | .00006 | -.00119 | -.00422 | -.00105 | .01931 | -.00171 | .00006 |
| #2 | -.00046 | .00255 | -.00056 | -.00159 | -.00120 | .01605 | -.00156 | .00013 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .00030 | .00002 | .00003 | .00052 | .00845 | .00029 | .05183 |
| Stddev | .0000  | .01670 | .00029 | .00029 | .00024 | .00312 | .00004 | .02093 |
| %RSD   | 808.36 | 5561.5 | 1896.0 | 1072.4 | 45.185 | 36.978 | 14.454 | 40.386 |

|    |         |         |         |         |        |         |        |        |
|----|---------|---------|---------|---------|--------|---------|--------|--------|
| #1 | .00001  | -.01211 | .00022  | .00018  | .00069 | -.00624 | .00032 | .06663 |
| #2 | -.00002 | .01151  | -.00019 | -.00024 | .00035 | -.01066 | .00026 | .03703 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .00038 | .07026 | .00053 | .00076 | .01390 | .00023 | .00284 |
| Stddev | .00005 | .00053 | .01569 | .00028 | .00014 | .00395 | .00024 | .00387 |
| %RSD   | 69.744 | 140.60 | 22.331 | 53.057 | 17.921 | 28.417 | 104.36 | 136.03 |

|    |        |         |         |         |        |         |        |         |
|----|--------|---------|---------|---------|--------|---------|--------|---------|
| #1 | .00011 | .00000  | -.08135 | -.00072 | .00086 | -.01111 | .00006 | -.00558 |
| #2 | .00004 | -.00075 | -.05916 | -.00033 | .00066 | -.01670 | .00040 | -.00011 |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .00025 | .02033 | .00054 | .00207 | .00114 | .0011  | .00011 | F 5.6511 |
| Stddev | .00138 | .01491 | .00080 | .00063 | .00034 | .0012  | .00005 | .5990    |
| %RSD   | 544.34 | 73.337 | 149.04 | 30.339 | 29.643 | 109.0  | 49.141 | 10.600   |

|    |         |        |         |        |         |        |        |        |
|----|---------|--------|---------|--------|---------|--------|--------|--------|
| #1 | -.00072 | .00979 | -.00110 | .00163 | -.00090 | -.0019 | .00007 | 5.2276 |
| #2 | .00123  | .03087 | .00003  | .00252 | -.00137 | -.0002 | .00015 | 6.0747 |

Sample Name: CCB05      Acquired: 2/6/2018 16:24:37      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCB12509      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      F.23628  
Stddev      1.9754  
%RSD      836.05

#1      -1.1606  
#2      1.6331

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2497.5  | 53988.  | 3305.2  | 149.22 | 2965.7 |
| Stddev    | 4.9     | 46.     | 3603.4  | 59.43  | 11.3   |
| %RSD      | .19556  | .08475  | 38.725  | 39.826 | .38003 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2494.0 | 53956. | 11853. | 191.24 | 2957.7 |
| #2 | 2500.9 | 54020. | 6757.2 | 107.20 | 2973.7 |

Sample Name: PB106336BL      Acquired: 2/6/2018 16:32:56      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PB106336BL      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00085 | .00064 | .00030 | .00240 | .00256 | .00651 | .00014 |
| Stddev | .00282 | .00084 | .00007 | .00155 | .00246 | .00362 | .00107 |
| %RSD   | 330.45 | 131.70 | 21.672 | 64.654 | 96.447 | 55.636 | 758.16 |

|    |         |        |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|
| #1 | -.00285 | .00124 | -.00035 | -.00350 | -.00430 | -.00907 | -.00090 |
| #2 | .00114  | .00004 | -.00026 | -.00130 | -.00081 | -.00395 | .00061  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00005 | .02238 | .00001 | .00031 | .00045 | .00554 |
| Stddev | .00004 | .00005 | .00318 | .00054 | .00005 | .00060 | .00042 |
| %RSD   | 135.30 | 94.406 | 14.192 | 6865.9 | 16.621 | 134.70 | 7.5538 |

|    |         |         |        |         |        |        |         |
|----|---------|---------|--------|---------|--------|--------|---------|
| #1 | -.00006 | -.00009 | .02013 | .00039  | .00034 | .00002 | -.00525 |
| #2 | .00000  | -.00002 | .02462 | -.00038 | .00027 | .00087 | -.00584 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .05618 | .00017 | .00048 | .03425 | .00027 | .00055 |
| Stddev | .00004 | .01475 | .00043 | .00072 | .00856 | .00028 | .00002 |
| %RSD   | 128.95 | 26.251 | 252.00 | 149.55 | 24.994 | 101.63 | 3.0461 |

|    |        |        |         |         |         |         |         |
|----|--------|--------|---------|---------|---------|---------|---------|
| #1 | .00006 | .04575 | -.00013 | .00003  | -.04030 | -.00008 | -.00054 |
| #2 | .00000 | .06660 | .00047  | -.00099 | -.02819 | -.00047 | -.00056 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00482 | .00026 | .00495 | .00189 | .01125 | .00187 | .00237 |
| Stddev | .00129 | .00059 | .00283 | .00317 | .01258 | .00071 | .00066 |
| %RSD   | 26.786 | 224.42 | 57.142 | 167.39 | 111.86 | 38.163 | 28.024 |

|    |         |         |        |         |        |         |        |
|----|---------|---------|--------|---------|--------|---------|--------|
| #1 | -.00391 | -.00015 | .00295 | .00035  | .02015 | -.00137 | .00284 |
| #2 | -.00574 | .00068  | .00696 | -.00413 | .00235 | -.00238 | .00190 |

Sample Name: PB106336BL      Acquired: 2/6/2018 16:32:56      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: PB106336BL      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |          |
|--------|--------|--------|--------|----------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm      |
| Avg    | .00053 | .0001  | .00008 | F 3.4188 | F<.00000 |
| Stddev | .00026 | .0027  | .00006 | .0839    | 1.7953   |
| %RSD   | 49.106 | 2629.  | 74.605 | 1.3072   | 253.39   |

|    |         |        |        |        |         |
|----|---------|--------|--------|--------|---------|
| #1 | -.00035 | .0020  | .00004 | 6.3595 | -1.9780 |
| #2 | -.00072 | -.0018 | .00012 | 6.4781 | .56095  |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2490.5  | 53836.  | 5417.8  | 34.227 | 2961.3 |
| Stddev    | 2.8     | 35.     | 329.9   | 6.261  | 11.2   |
| %RSD      | .11142  | .06480  | 6.0892  | 7.4336 | .37709 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2488.6 | 53811. | 5651.1 | 88.655 | 2953.4 |
| #2 | 2492.5 | 53860. | 5184.6 | 79.800 | 2969.2 |

Sample Name: PB106336BS      Acquired: 2/6/2018 16:37:06      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PB106336BS      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .78027 | 1.9390 | .94750 | 1.9368 | .77215 | 1.9246 | .20406 |
| Stddev | .00721 | .0179  | .01028 | .0165  | .00743 | .0354  | .00521 |
| %RSD   | .92431 | .92224 | 1.0847 | .84972 | .96193 | 1.8395 | 2.5521 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .78537 | 1.9516 | .95477 | 1.9484 | .77740 | 1.8996 | .20038 |
| #2 | .77517 | 1.9263 | .94023 | 1.9252 | .76690 | 1.9496 | .20774 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19201 | .18970 | 1.0167 | .38709 | .19199 | .30954 | 2.9510 |
| Stddev | .00041 | .00156 | .0289  | .00269 | .00199 | .00262 | .1155  |
| %RSD   | .21240 | .82479 | 2.8451 | .69467 | 1.0376 | .84616 | 3.9144 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .19173 | .19081 | .99623 | .38899 | .19340 | .31139 | 2.8693 |
| #2 | .19230 | .18860 | 1.0371 | .38519 | .19058 | .30769 | 3.0327 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20526 | 2.0125 | .47880 | .06777 | 2.9183 | .29283 | .21003 |
| Stddev | .00041 | .0960  | .00368 | .00091 | .0997  | .00084 | .00588 |
| %RSD   | .20068 | 4.7721 | .76959 | 1.3447 | 3.4172 | .28787 | 2.7973 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20496 | 1.9446 | .48140 | .06713 | 2.8478 | .29343 | .20588 |
| #2 | .20555 | 2.0804 | .47619 | .06842 | 2.9888 | .29223 | .21419 |

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 10.108 | .40261 | .30685 | F 7.8597 | .93338 | .65943 | .19739 |
| Stddev | .321   | .00507 | .00796 | .0833    | .01505 | .00965 | .00668 |
| %RSD   | 3.1740 | 1.2582 | 2.5942 | 1.0601   | 1.6123 | 1.4628 | 3.3845 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.8813 | .40619 | .30122 | 7.9186 | .92274 | .66625 | .19267 |
| #2 | 10.335 | .39903 | .31248 | 7.8007 | .94402 | .65261 | .20211 |

Sample Name: PB106336BS      Acquired: 2/6/2018 16:37:06      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: PB106336BS      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |          |         |
|-----------|---------|---------|---------|----------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670   | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm      | ppm     |
| Avg       | .20091  | 5.415   | .19425  | F 5.3250 | F<00000 |
| Stddev    | .00555  | .042    | .00567  | .1844    | 2.4053  |
| %RSD      | 2.7628  | .7758   | 2.9166  | 3.4627   | 66.515  |
| #1        | .19699  | 5.445   | .19025  | 5.1946   | -5.3169 |
| #2        | .20484  | 5.386   | .19826  | 5.4554   | -1.9154 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306   | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S    | Cts/S   |
| Avg       | 2490.7  | 54171.  | 5306.0  | 32.411   | 2945.4  |
| Stddev    | 25.2    | 84.     | 160.7   | 2.395    | 32.3    |
| %RSD      | 1.0120  | .15584  | 3.0282  | 2.9062   | 1.0979  |
| #1        | 2472.8  | 54231.  | 5419.6  | 84.104   | 2922.5  |
| #2        | 2508.5  | 54111.  | 5192.4  | 80.717   | 2968.3  |

Sample Name: J1454-01      Acquired: 2/6/2018 16:41:04      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-5-EW(0 Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .24734 | .01587 | 4.1451 | .33809 | .07936 | 111.96 | 2.2246 |
| Stddev | .00078 | .00355 | .0094  | .00319 | .00014 | .39    | .0088  |
| %RSD   | .31603 | 22.360 | .22703 | .94236 | .18224 | .35053 | .39316 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .24789 | .01336 | 4.1518 | .33584 | .07946 | 111.68 | 2.2307 |
| #2 | .24679 | .01838 | 4.1385 | .34034 | .07925 | 112.24 | 2.2184 |

|        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .00428 | .05198 | 363.12 | 1.4162 | .15474 | 2.1921 | F 1121.8 |
| Stddev | .00036 | .00143 | 11.27  | .0028  | .00033 | .0082  | 2.5      |
| %RSD   | 8.3833 | 2.7451 | 1.3062 | .19925 | .21341 | .37528 | .22233   |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00454 | .05299 | 855.14 | 1.4142 | .15498 | 2.1979 | 1120.0 |
| #2 | .00403 | .05097 | 871.09 | 1.4182 | .15451 | 2.1862 | 1123.5 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 52.429 | 191.51 | .94866 | .00821 | 4.1212 | .70638 | 3.3087 |
| Stddev | .263   | .89    | .00501 | .00022 | .0136  | .00024 | .0078  |
| %RSD   | .50156 | .46506 | .52787 | 2.6428 | .32876 | .03452 | .23599 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 52.243 | 192.14 | .95220 | -.00836 | 4.1307 | .70621 | 3.3142 |
| #2 | 52.615 | 190.88 | .94512 | -.00806 | 4.1116 | .70656 | 3.3031 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 14.059 | .12804 | 1.0388 | 26.504 | 2.8114 | .33949 | 5.2570 |
| Stddev | .005   | .00082 | .0137  | .160   | .0324  | .00375 | .0320  |
| %RSD   | .03524 | .64200 | 1.3161 | .60361 | 1.1523 | 1.1056 | .60941 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 14.055 | .12862 | 1.0291 | 26.617 | 2.8343 | .34215 | 5.2797 |
| #2 | 14.062 | .12746 | 1.0484 | 26.390 | 2.7885 | .33684 | 5.2344 |

Sample Name: J1454-01      Acquired: 2/6/2018 16:41:04      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-5-EW(0 Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |          |
|-----------|---------|---------|---------|---------|----------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859   |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm      |
| Avg       | .19745  | 19.16   | 1.1434  | F<00000 | F.255.97 |
| Stddev    | .00228  | .07     | .0026   | 1.2960  | 1.19     |
| %RSD      | 1.1556  | .3419   | .22934  | .22225  | .46366   |
| #1        | .19906  | 19.21   | 1.1453  | -582.21 | 256.81   |
| #2        | .19583  | 19.12   | 1.1416  | -584.04 | 255.13   |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306   |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S    |
| Avg       | 2472.0  | 55480.  | 3103.8  | 73.840  | 2069.8   |
| Stddev    | 8.8     | 92.     | 42.9    | .162    | 8.7      |
| %RSD      | .35413  | .16506  | .70349  | .21938  | .42129   |
| #1        | 2465.8  | 55545.  | 6073.4  | 73.725  | 2063.6   |
| #2        | 2478.2  | 55415.  | 6134.1  | 73.954  | 2076.0   |



Sample Name: J1454-01DUP      Acquired: 2/6/2018 16:45:10      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-5-EW(0 Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .25011 | .01445 | 4.1891 | .36417 | .08314 | 113.16 | 2.2757 |
| Stddev | .00760 | .00551 | .0080  | .01171 | .00245 | .28    | .0032  |
| %RSD   | 3.0376 | 38.142 | .19208 | 3.2158 | 2.9475 | .24651 | .14220 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .25548 | .01835 | 4.1948 | .37245 | .08488 | 112.96 | 2.2734 |
| #2 | .24474 | .01055 | 4.1834 | .35589 | .08141 | 113.36 | 2.2780 |

|        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .00461 | .05181 | 342.71 | 1.4521 | .15717 | 2.2646 | F 1169.9 |
| Stddev | .00014 | .00258 | 8.78   | .0095  | .00156 | .0040  | 29.5     |
| %RSD   | 3.1192 | 4.9813 | 1.0417 | .65748 | .98998 | .17578 | 2.5250   |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00451 | .04999 | 836.51 | 1.4453 | .15827 | 2.2674 | 1190.8 |
| #2 | .00471 | .05364 | 848.92 | 1.4588 | .15607 | 2.2618 | 1149.0 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 54.553 | 190.05 | .97235 | .00468 | 4.2724 | .72978 | 3.4072 |
| Stddev | .144   | .02    | .00103 | .00380 | .0144  | .00108 | .0902  |
| %RSD   | .26364 | .01097 | .10612 | 81.319 | .33593 | .14795 | 2.6469 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 54.452 | 190.04 | .97308 | -.00199 | 4.2825 | .73055 | 3.4709 |
| #2 | 54.655 | 190.07 | .97162 | -.00737 | 4.2622 | .72902 | 3.3434 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 14.241 | .12997 | 1.0869 | 26.038 | 2.8735 | .34672 | 5.4845 |
| Stddev | .048   | .00058 | .0348  | .002   | .0187  | .00035 | .0065  |
| %RSD   | .33686 | .44847 | 3.2029 | .00618 | .65253 | .10111 | .11858 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 14.207 | .13039 | 1.1115 | 26.037 | 2.8603 | .34697 | 5.4891 |
| #2 | 14.275 | .12956 | 1.0623 | 26.040 | 2.8868 | .34648 | 5.4799 |

Sample Name: J1454-01DUP      Acquired: 2/6/2018 16:45:10      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-5-EW(0 Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |          |
|-----------|---------|---------|---------|---------|----------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859   |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm      |
| Avg       | .20028  | 19.76   | 1.1441  | F<00000 | F.258.64 |
| Stddev    | .00286  | .04     | .0008   | 1.6792  | 2.30     |
| %RSD      | 1.4294  | .2207   | .06586  | .28683  | .88843   |
| #1        | .19825  | 19.79   | 1.1435  | -586.61 | 260.27   |
| #2        | .20230  | 19.73   | 1.1446  | -584.24 | 257.02   |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306   |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S    |
| Avg       | 2451.1  | 55230.  | 3055.9  | 72.176  | 2052.5   |
| Stddev    | 9.4     | 70.     | 9.7     | 1.955   | 6.9      |
| %RSD      | .38192  | .12663  | .15966  | 2.7082  | .33470   |
| #1        | 2444.5  | 55280.  | 6062.7  | 70.793  | 2047.6   |
| #2        | 2457.8  | 55181.  | 6049.0  | 73.558  | 2057.3   |

Sample Name: J1454-01LX5      Acquired: 2/6/2018 16:49:17      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05102 | .00032 | .79135 | .07019 | .01418 | 23.266 | .50143 |
| Stddev | .00256 | .00347 | .00420 | .00271 | .00042 | .201   | .00264 |
| %RSD   | 5.0200 | 1069.8 | .53086 | 3.8594 | 2.9713 | .86545 | .52728 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .05283 | -.00213 | .79432 | .07211 | .01389 | 23.124 | .49956 |
| #2 | .04921 | .00278  | .78838 | .06827 | .01448 | 23.409 | .50330 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00085 | .00303 | 195.32 | .34165 | .02915 | .54573 | 234.44 |
| Stddev | .00009 | .00028 | 1.70   | .00055 | .00015 | .00064 | 2.76   |
| %RSD   | 10.759 | 9.1498 | .86851 | .15953 | .49968 | .11691 | 1.1772 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00092 | .00283 | 194.12 | .34126 | .02926 | .54618 | 236.39 |
| #2 | .00079 | .00323 | 196.52 | .34203 | .02905 | .54528 | 232.49 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 17.889 | 42.913 | .17914 | .00372 | .88874 | .16849 | .68187 |
| Stddev | .053   | .395   | .00051 | .00079 | .01044 | .00042 | .00655 |
| %RSD   | .29772 | .91973 | .28367 | 21.305 | 1.1751 | .25199 | .96006 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 17.851 | 42.634 | .17878 | -.00316 | .88136 | .16819 | .68650 |
| #2 | 17.926 | 43.192 | .17950 | -.00428 | .89613 | .16879 | .67724 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.0480 | .02937 | .20146 | 4.4490 | .62079 | .06324 | 1.2506 |
| Stddev | .0248  | .00007 | .00160 | .0080  | .03267 | .00006 | .0131  |
| %RSD   | .81251 | .22988 | .79627 | .17966 | 5.2620 | .08726 | 1.0461 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.0655 | .02932 | .20260 | 4.4546 | .64389 | .06328 | 1.2413 |
| #2 | 3.0305 | .02942 | .20033 | 4.4433 | .59769 | .06320 | 1.2598 |

Sample Name: J1454-01LX5      Acquired: 2/6/2018 16:49:17      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .04225 | 3.520  | .24947 | F<00000 | F110.50 |
| Stddev | .00014 | .001   | .00126 | .31044  | 1.46    |
| %RSD   | .32106 | .0237  | .50425 | .30534  | 1.3177  |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .04234 | 3.521 | .24858 | -101.45 | 109.47 |
| #2 | .04215 | 3.519 | .25036 | -101.89 | 111.53 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2411.3  | 53167.  | 5488.2  | 79.523 | 2587.6 |
| Stddev    | 14.7    | 8.      | 24.8    | 1.046  | 12.4   |
| %RSD      | .61125  | .01526  | .45141  | 1.3158 | .47965 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2400.9 | 53162. | 5505.7 | 78.783 | 2578.8 |
| #2 | 2421.7 | 53173. | 5470.7 | 80.263 | 2596.4 |

Sample Name: J1454-02      Acquired: 2/6/2018 16:53:23      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: J1454-01MS      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .92571 | 1.9047 | 5.1899 | 1.9769 | .75016 | 118.63 | 2.4885 |
| Stddev | .00086 | .0151  | .0476  | .0187  | .00175 | 4.76   | .0005  |
| %RSD   | .09302 | .79442 | .91821 | .94722 | .23395 | 4.0108 | .01846 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .92511 | 1.8940 | 5.1562 | 1.9636 | .74892 | 115.26 | 2.4889 |
| #2 | .92632 | 1.9154 | 5.2236 | 1.9901 | .75140 | 121.99 | 2.4882 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .18059 | .24545 | 374.92 | 1.8202 | .35793 | 2.4849 | F1191.5 |
| Stddev | .00845 | .00060 | 2.20   | .0863  | .00181 | .0210  | 22.9    |
| %RSD   | 4.6781 | .24438 | .25188 | 4.7395 | .50450 | .84621 | 1.9233  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .17462 | .24502 | 873.36 | 1.7592 | .35666 | 2.4700 | 1175.3 |
| #2 | .18657 | .24587 | 876.47 | 1.8812 | .35921 | 2.4997 | 1207.7 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 56.454 | 196.74 | 1.4642 | .05582 | 3.9441 | 1.0034 | 3.6652 |
| Stddev | 2.593  | .08    | .0139  | .00143 | .0101  | .0456  | .0635  |
| %RSD   | 4.5924 | .04275 | .94640 | 2.5691 | .14485 | 4.5471 | 1.7334 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 54.621 | 196.80 | 1.4544 | .05683 | 6.9512 | .97110 | 3.6202 |
| #2 | 58.287 | 196.68 | 1.4740 | .05480 | 6.9370 | 1.0356 | 3.7101 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 23.709 | .45182 | 1.3732 | 26.491 | 5.9153 | 1.0318 | 5.7987 |
| Stddev | .001   | .00198 | .0289  | .229   | .0085  | .0084  | .0233  |
| %RSD   | .00320 | .43838 | 2.1058 | .86623 | .14392 | .81768 | .40212 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.709 | .45042 | 1.3527 | 26.329 | 5.9213 | 1.0258 | 5.8152 |
| #2 | 23.710 | .45322 | 1.3936 | 26.653 | 5.9092 | 1.0377 | 5.7822 |

Sample Name: J1454-02      Acquired: 2/6/2018 16:53:23      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: J1454-01MS      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .38487 | 26.00  | 1.3356 | F<00000 | F 260.35 |
| Stddev | .00131 | .27    | .0009  | 5.7143  | 2.70     |
| %RSD   | .33923 | 1.021  | .07064 | .96719  | 1.0388   |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .38579 | 25.81 | 1.3362 | -586.77 | 258.43 |
| #2 | .38395 | 26.19 | 1.3349 | -594.85 | 262.26 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2464.0  | 53821.  | 5965.6  | 71.218 | 2056.0 |
| Stddev    | 13.3    | 1938.   | 6.0     | 1.134  | 16.0   |
| %RSD      | .53925  | 3.6003  | .10107  | 1.5925 | .78007 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2473.4 | 55192. | 5961.4 | 72.020 | 2067.3 |
| #2 | 2454.6 | 52451. | 5969.9 | 70.416 | 2044.6 |

Sample Name: J1454-03      Acquired: 2/6/2018 16:57:27      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: J1454-01MSD      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .92618 | 1.8991 | 5.2154 | 1.9764 | .74916 | 115.74 | 2.4690 |
| Stddev | .00239 | .0107  | .0198  | .0102  | .00598 | .36    | .0042  |
| %RSD   | .25840 | .56352 | .37904 | .51531 | .79869 | .30962 | .16792 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .92787 | 1.8916 | 5.2014 | 1.9836 | .74493 | 115.48 | 2.4719 |
| #2 | .92448 | 1.9067 | 5.2294 | 1.9692 | .75339 | 115.99 | 2.4660 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .17244 | .24861 | 364.72 | 1.7480 | .35974 | 2.5012 | F1172.1 |
| Stddev | .00063 | .00309 | 3.23   | .0031  | .00154 | .0077  | 13.6    |
| %RSD   | .36308 | 1.2436 | .37384 | .17472 | .42708 | .30618 | 1.1593  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .17200 | .24643 | 862.43 | 1.7458 | .35866 | 2.4957 | 1181.7 |
| #2 | .17289 | .25080 | 867.00 | 1.7502 | .36083 | 2.5066 | 1162.5 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 54.425 | 195.66 | 1.4740 | .05446 | 3.8777 | .96423 | 3.5915 |
| Stddev | .044   | .16    | .0097  | .00077 | .0227  | .00038 | .0519  |
| %RSD   | .08038 | .08170 | .65965 | 1.4169 | .33000 | .03976 | 1.4457 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 54.456 | 195.55 | 1.4671 | .05501 | 6.8937 | .96450 | 3.6283 |
| #2 | 54.394 | 195.78 | 1.4809 | .05391 | 6.8616 | .96396 | 3.5548 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 23.421 | .45358 | 1.3352 | 26.621 | 5.7127 | 1.0378 | 5.7634 |
| Stddev | .066   | .00214 | .0141  | .111   | .0876  | .0011  | .0151  |
| %RSD   | .28003 | .47099 | 1.0547 | .41532 | 1.5328 | .10894 | .26275 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.467 | .45207 | 1.3451 | 26.543 | 5.6508 | 1.0370 | 5.7527 |
| #2 | 23.374 | .45509 | 1.3252 | 26.700 | 5.7746 | 1.0386 | 5.7742 |

Sample Name: J1454-03      Acquired: 2/6/2018 16:57:27      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: J1454-01MSD      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .38126 | 26.13  | 1.3300 | F<00000 | F.252.88 |
| Stddev | .00076 | .12    | .0021  | 1.8654  | 12.12    |
| %RSD   | .19814 | .4571  | .16070 | .31882  | 4.7929   |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .38179 | 26.04 | 1.3315 | -583.79 | 261.45 |
| #2 | .38073 | 26.21 | 1.3285 | -586.43 | 244.31 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2448.2  | 55349.  | 3031.5  | 72.507 | 2038.4 |
| Stddev    | 3.0     | 133.    | 27.9    | 1.100  | 7.0    |
| %RSD      | .12250  | .24107  | .46333  | 1.5167 | .34530 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2450.3 | 55254. | 6011.7 | 71.730 | 2043.4 |
| #2 | 2446.0 | 55443. | 6051.2 | 73.285 | 2033.4 |



Sample Name: J1454-01A      Acquired: 2/6/2018 17:01:31      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .91796 | 1.9088 | 5.2342 | 1.9584 | .75515 | 115.48 | 2.4652 |
| Stddev | .00432 | .0130  | .0229  | .0130  | .00470 | .54    | .0154  |
| %RSD   | .47080 | .68092 | .43776 | .66491 | .62220 | .46478 | .62474 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .91490 | 1.8996 | 5.2180 | 1.9492 | .75183 | 115.86 | 2.4543 |
| #2 | .92101 | 1.9180 | 5.2505 | 1.9677 | .75847 | 115.10 | 2.4761 |

|        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .17288 | .25150 | 368.93 | 1.7586 | .36188 | 2.5084 | F 1158.2 |
| Stddev | .00023 | .00269 | 5.87   | .0027  | .00142 | .0201  | 6.4      |
| %RSD   | .13301 | 1.0680 | .67552 | .15598 | .39232 | .80216 | .55359   |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .17271 | .24960 | 864.78 | 1.7606 | .36088 | 2.4941 | 1162.7 |
| #2 | .17304 | .25340 | 873.08 | 1.7567 | .36289 | 2.5226 | 1153.6 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 54.453 | 195.57 | 1.4803 | .05293 | 3.8510 | .96394 | 3.5710 |
| Stddev | .222   | .48    | .0101  | .00143 | .0702  | .00008 | .0041  |
| %RSD   | .40708 | .24547 | .68085 | 2.7105 | 1.0250 | .00809 | .11456 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 54.610 | 195.23 | 1.4731 | .05395 | 6.8013 | .96400 | 3.5739 |
| #2 | 54.296 | 195.91 | 1.4874 | .05192 | 6.9007 | .96389 | 3.5681 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 23.355 | .45415 | 1.3112 | 26.726 | 5.9678 | 1.0354 | 5.7477 |
| Stddev | .122   | .00290 | .0133  | .171   | .0030  | .0028  | .0084  |
| %RSD   | .52049 | .63881 | 1.0152 | .63915 | .04982 | .27094 | .14639 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.269 | .45210 | 1.3206 | 26.605 | 5.9699 | 1.0334 | 5.7417 |
| #2 | 23.441 | .45620 | 1.3018 | 26.846 | 5.9657 | 1.0374 | 5.7536 |

Sample Name: J1454-01A      Acquired: 2/6/2018 17:01:31      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |          |
|-----------|---------|---------|---------|---------|----------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859   |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm      |
| Avg       | .37925  | 26.18   | 1.3243  | F<00000 | F.259.89 |
| Stddev    | .00342  | .19     | .0060   | 2.1866  | 9.05     |
| %RSD      | .90232  | .7099   | .45697  | .37339  | 3.4805   |
| #1        | .37683  | 26.04   | 1.3200  | -584.07 | 253.49   |
| #2        | .38167  | 26.31   | 1.3286  | -587.16 | 266.28   |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306   |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S    |
| Avg       | 2445.9  | 55280.  | 5990.9  | 72.987  | 2032.0   |
| Stddev    | 12.5    | 409.    | 29.8    | .202    | 10.2     |
| %RSD      | .51095  | .73924  | .49683  | .27733  | .50078   |
| #1        | 2454.7  | 54991.  | 6012.0  | 72.844  | 2039.2   |
| #2        | 2437.0  | 55569.  | 5969.9  | 73.130  | 2024.8   |

Sample Name: J1454-04      Acquired: 2/6/2018 17:05:35      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-5-EW(4 Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08314 | .00020 | .51240 | .15924 | .00692 | 231.38 | 1.5690 |
| Stddev | .00193 | .00062 | .00056 | .00319 | .00067 | 1.19   | .0018  |
| %RSD   | 2.3188 | 317.12 | .10975 | 2.0009 | 9.7473 | .51273 | .11392 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .08450 | .00024  | .51200 | .16149 | .00645 | 230.54 | 1.5703 |
| #2 | .08178 | -.00063 | .51280 | .15698 | .00740 | 232.22 | 1.5678 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00776 | .01463 | 332.50 | .27336 | .19306 | .24587 | 484.77 |
| Stddev | .00004 | .00100 | .10    | .00328 | .00403 | .00510 | 1.21   |
| %RSD   | .49676 | 6.8650 | .03039 | 1.1998 | 2.0853 | 2.0761 | .24902 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00774 | .01392 | 332.42 | .27568 | .19022 | .24226 | 485.63 |
| #2 | .00779 | .01534 | 332.57 | .27104 | .19591 | .24948 | 483.92 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.4094 | 167.81 | .49395 | .00202 | 1.6429 | .36087 | 1.7072 |
| Stddev | .0180  | .21    | .00621 | .00054 | .0029  | .00043 | .0175  |
| %RSD   | .28105 | .12423 | 1.2573 | 26.866 | .17633 | .11821 | 1.0238 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.3967 | 167.96 | .48955 | .00164 | 1.6449 | .36057 | 1.7195 |
| #2 | 6.4221 | 167.66 | .49834 | .00240 | 1.6408 | .36117 | 1.6948 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 23.219 | .00384 | .31977 | 1.6016 | 4.3206 | .01963 | 2.0079 |
| Stddev | .015   | .00039 | .00929 | .0275  | .0859  | .00010 | .0012  |
| %RSD   | .06308 | 10.206 | 2.9044 | 1.7160 | 1.9875 | .52820 | .06128 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.229 | .00412 | .31321 | 1.5822 | 4.2599 | .01970 | 2.0088 |
| #2 | 23.209 | .00357 | .32634 | 1.6210 | 4.3813 | .01955 | 2.0070 |

Sample Name: J1454-04      Acquired: 2/6/2018 17:05:35      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-5-EW(4 Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .30438 | 12.61  | .47854 | F<00000 | F161.52 |
| Stddev | .00069 | .22    | .00022 | 3.6292  | 1.92    |
| %RSD   | .22798 | 1.757  | .04697 | 1.3195  | 1.1914  |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .30389 | 12.45 | .47838 | -272.47 | 160.15 |
| #2 | .30487 | 12.77 | .47870 | -277.61 | 162.88 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3157.2  | 39572.  | 7394.7  | 77.208 | 2315.8 |
| Stddev    | 31.6    | 127.    | 54.2    | .898   | 31.4   |
| %RSD      | .99971  | .18197  | .73333  | 1.1629 | 1.3575 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 3179.5 | 69483. | 7356.4 | 76.573 | 2338.0 |
| #2 | 3134.8 | 69662. | 7433.0 | 77.843 | 2293.5 |

Sample Name: J1454-05      Acquired: 2/6/2018 17:09:43      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-6-EW(2 Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .40217 | .02874 | 18.287 | .54565 | .16048 | 218.33 | 4.2938 |
| Stddev | .00505 | .00013 | .083   | .01169 | .00360 | 5.96   | .0089  |
| %RSD   | 1.2565 | .44764 | .45613 | 2.1416 | 2.2404 | 2.7300 | .20802 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .39860 | -.02883 | 18.346 | .55392 | .16302 | 222.54 | 4.2875 |
| #2 | .40574 | -.02865 | 18.228 | .53739 | .15794 | 214.11 | 4.3002 |

|        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .01599 | .08876 | 784.96 | .49415 | .23115 | 2.8190 | F 1606.8 |
| Stddev | .00089 | .00225 | 3.63   | .01598 | .00042 | .0016  | 19.7     |
| %RSD   | 5.5488 | 2.5358 | .46206 | 3.2335 | .18032 | .05834 | 1.2276   |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01661 | .08717 | 782.39 | .50544 | .23144 | 2.8201 | 1620.8 |
| #2 | .01536 | .09035 | 787.52 | .48285 | .23085 | 2.8178 | 1592.9 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 11.418 | 39.964 | .67303 | .02113 | 5.1781 | .27208 | 4.2077 |
| Stddev | .312   | .496   | .00135 | .00355 | .0287  | .00952 | .0555  |
| %RSD   | 2.7296 | .55106 | .20004 | 16.779 | .55413 | 3.5006 | 1.3196 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 11.639 | 89.614 | .67398 | -.02364 | 5.1578 | .27882 | 4.2470 |
| #2 | 11.198 | 90.315 | .67208 | -.01862 | 5.1984 | .26535 | 4.1684 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 16.668 | .07811 | 11.281 | 51.150 | 3.6228 | .42677 | 2.8797 |
| Stddev | .015   | .00033 | .018   | .184   | .0248  | .01085 | .0188  |
| %RSD   | .08723 | .41797 | .15772 | .36027 | .68538 | 2.5415 | .65346 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 16.658 | .07788 | 11.293 | 51.280 | 3.6052 | .43444 | 2.8664 |
| #2 | 16.678 | .07834 | 11.268 | 51.020 | 3.6404 | .41910 | 2.8930 |

Sample Name: J1454-05      Acquired: 2/6/2018 17:09:43      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-6-EW(2 Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .26136 | 16.44  | 1.9074 | F<00000 | F197.53 |
| Stddev | .00225 | .07    | .0088  | .46554  | 9.73    |
| %RSD   | .86143 | .4088  | .45947 | .05965  | 4.9252  |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .25977 | 16.49 | 1.9012 | -780.77 | 190.65 |
| #2 | .26295 | 16.39 | 1.9136 | -780.11 | 204.41 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2567.7  | 56754.  | 3315.2  | 72.169 | 1976.8 |
| Stddev    | 6.0     | 1669.   | 10.7    | 1.044  | 12.0   |
| %RSD      | .23368  | 2.9404  | .16928  | 1.4460 | .60836 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2563.5 | 55574. | 6322.8 | 71.431 | 1968.3 |
| #2 | 2572.0 | 57934. | 6307.7 | 72.907 | 1985.3 |

Sample Name: CCV06      Acquired: 2/6/2018 17:17:50      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCV12512      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0343 | 4.9711 | 4.9646 | 4.9829 | 5.0785 | 10.150 | 10.348 | .24954 |
| Stddev | .0084  | .0082  | .0223  | .0059  | .0038  | .036   | .051   | .00015 |
| %RSD   | .16683 | .16414 | .44939 | .11815 | .07415 | .35957 | .48854 | .06154 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0284 | 4.9653 | 4.9488 | 4.9871 | 5.0759 | 10.176 | 10.313 | .24965 |
| #2 | 5.0403 | 4.9769 | 4.9804 | 4.9787 | 5.0812 | 10.124 | 10.384 | .24944 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4713 | 25.275 | .96837 | 2.4858 | 1.2603 | 5.0575 | 2.5255 | 25.398 |
| Stddev | .0097  | .262   | .00495 | .0077  | .0022  | .0284  | .0037  | .211   |
| %RSD   | .39139 | 1.0384 | .51120 | .30808 | .17789 | .56139 | .14866 | .83260 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4645 | 25.089 | .97187 | 2.4804 | 1.2587 | 5.0375 | 2.5282 | 25.249 |
| #2 | 2.4781 | 25.460 | .96487 | 2.4912 | 1.2618 | 5.0776 | 2.5229 | 25.548 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4509 | 1.2243 | 24.856 | 2.5022 | 2.5256 | 25.802 | 5.1269 | 5.2421 |
| Stddev | .0053  | .0029  | .191   | .0010  | .0020  | .144   | .0182  | .0376  |
| %RSD   | .21616 | .23874 | .76857 | .04097 | .07813 | .55953 | .35470 | .71780 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4472 | 1.2263 | 24.721 | 2.5029 | 2.5242 | 25.700 | 5.1140 | 5.2155 |
| #2 | 2.4547 | 1.2222 | 24.991 | 2.5015 | 2.5270 | 25.904 | 5.1397 | 5.2687 |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 4.9674 | 4.9482 | 4.9822 | 5.0641 | 5.1148 | 4.870  | 5.0116 | F 4.0682 |
| Stddev | .0249  | .0833  | .0086  | .0317  | .0323  | .006   | .0586  | .4336    |
| %RSD   | .50064 | 1.6826 | .17299 | .62552 | .63106 | .1282  | 1.1684 | 10.659   |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 4.9498 | 4.8894 | 4.9761 | 5.0417 | 5.0920 | 4.865 | 4.9702 | 3.7615 |
| #2 | 4.9849 | 5.0071 | 4.9883 | 5.0865 | 5.1376 | 4.874 | 5.0530 | 4.3748 |

Sample Name: CCV06      Acquired: 2/6/2018 17:17:50      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCV12512      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      F1.2217  
Stddev      .7141  
%RSD      58.450

#1      .71674  
#2      1.7266

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2430.5  | 52460.  | 5254.7  | 30.817 | 2736.6 |
| Stddev    | .7      | 168.    | 24.9    | .168   | 3.2    |
| %RSD      | .02796  | .31970  | .47302  | .20842 | .11645 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2431.0 | 52342. | 5272.2 | 80.698 | 2738.9 |
| #2 | 2430.1 | 52579. | 5237.1 | 80.936 | 2734.4 |



Sample Name: CCB06      Acquired: 2/6/2018 17:21:45      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCB12512      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00203 | .00093 | .00029 | .00323 | .00062 | .00037 | .00106 | .00001 |
| Stddev | .00259 | .00022 | .00095 | .00232 | .00024 | .01239 | .00050 | .00004 |
| %RSD   | 127.46 | 23.577 | 330.02 | 71.847 | 39.104 | 3340.3 | 46.676 | 283.14 |

|    |         |        |         |         |        |         |        |         |
|----|---------|--------|---------|---------|--------|---------|--------|---------|
| #1 | -.00387 | .00108 | -.00039 | -.00159 | .00045 | .00839  | .00141 | -.00001 |
| #2 | -.00020 | .00077 | .00096  | -.00488 | .00079 | -.00913 | .00071 | .00004  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .00596 | .00000 | .00038 | .00018 | .00315 | .00027 | .02421 |
| Stddev | .00005 | .00269 | .00015 | .00003 | .00005 | .00888 | .00002 | .01180 |
| %RSD   | 79.081 | 45.225 | 3373.2 | 8.7367 | 28.302 | 281.52 | 8.1342 | 48.734 |

|    |        |        |         |        |         |         |        |        |
|----|--------|--------|---------|--------|---------|---------|--------|--------|
| #1 | .00003 | .00405 | .00011  | .00040 | -.00022 | -.00313 | .00028 | .01587 |
| #2 | .00009 | .00786 | -.00010 | .00036 | -.00014 | .00943  | .00025 | .03255 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00028 | .00033 | .03900 | .00024 | .00039 | .00306 | .00257 | .00608 |
| Stddev | .00070 | .00061 | .00256 | .00000 | .00009 | .01024 | .00040 | .00390 |
| %RSD   | 249.21 | 185.75 | 6.5541 | 1.0212 | 23.360 | 335.11 | 15.362 | 64.138 |

|    |         |         |         |         |         |         |        |        |
|----|---------|---------|---------|---------|---------|---------|--------|--------|
| #1 | .00021  | -.00010 | -.03720 | -.00024 | -.00032 | .00419  | .00285 | .00884 |
| #2 | -.00077 | .00076  | -.04081 | -.00024 | -.00045 | -.01030 | .00229 | .00332 |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .00273 | .01993 | .00080 | .00059 | .00007 | .0019  | .00068 | F 5.6063 |
| Stddev | .00330 | .02951 | .00130 | .00011 | .00043 | .0024  | .00021 | .1002    |
| %RSD   | 120.92 | 148.10 | 162.70 | 18.945 | 623.52 | 127.2  | 31.306 | 1.7872   |

|    |        |         |         |        |         |        |        |        |
|----|--------|---------|---------|--------|---------|--------|--------|--------|
| #1 | .00506 | -.00094 | .00012  | .00051 | -.00038 | -.0002 | .00083 | 5.6771 |
| #2 | .00040 | .04079  | -.00171 | .00067 | .00024  | -.0036 | .00053 | 5.5354 |

Sample Name: CCB06      Acquired: 2/6/2018 17:21:45      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB12512      Custom ID2:      Custom ID3:  
 Comment:

Elem      U\_3859  
 Units      ppm  
 Avg      F.54295  
 Stddev      1.9917  
 %RSD      366.82

#1      1.9513  
 #2      -.86537

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2516.9  | 54416.  | 5291.1  | 31.605 | 2982.8 |
| Stddev    | 9.6     | 24.     | 4.5     | .090   | 11.6   |
| %RSD      | .38233  | .04483  | .08529  | .11028 | .38768 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2510.1 | 54433. | 5294.3 | 81.541 | 2974.6 |
| #2 | 2523.7 | 54398. | 5287.9 | 81.668 | 2990.9 |

Sample Name: J1454-06      Acquired: 2/6/2018 17:25:55      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-6-EW(4 Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .11206 | .00120 | .52633 | .22464 | .01129 | 341.54 | 1.8202 |
| Stddev | .00269 | .00369 | .02199 | .01860 | .00102 | 1.68   | .0383  |
| %RSD   | 2.3967 | 307.27 | 4.1780 | 8.2796 | 9.0085 | .49328 | 2.1041 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .11016 | .00381  | .51079 | .21149 | .01201 | 340.35 | 1.7931 |
| #2 | .11396 | -.00141 | .54188 | .23780 | .01057 | 342.73 | 1.8472 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01208 | .01242 | 36.873 | .35280 | .26990 | .29796 | 304.21 |
| Stddev | .00039 | .00004 | 1.327  | .00136 | .01255 | .00718 | 31.85  |
| %RSD   | 3.2073 | .33158 | 1.9837 | .38651 | 4.6489 | 2.4110 | 5.2717 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01236 | .01244 | 65.935 | .35377 | .26102 | .29288 | 581.69 |
| #2 | .01181 | .01239 | 67.811 | .35184 | .27877 | .30304 | 626.74 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.0444 | 97.218 | .61026 | .00333 | 1.5793 | .48804 | 1.6238 |
| Stddev | .0154  | 2.075  | .02918 | .00278 | .0272  | .00049 | .0887  |
| %RSD   | .16973 | 2.1339 | 4.7812 | 83.523 | 1.7210 | .10142 | 5.4609 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 9.0552 | 95.751 | .58963 | -.00530 | 1.5601 | .48769 | 1.5611 |
| #2 | 9.0335 | 98.685 | .63089 | -.00136 | 1.5985 | .48839 | 1.6865 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.835 | .00367 | .31586 | 1.9584 | 5.4959 | .02249 | 1.7825 |
| Stddev | .522   | .00003 | .03407 | .0934  | .0792  | .00242 | .0483  |
| %RSD   | 2.0211 | .75125 | 10.785 | 4.7705 | 1.4411 | 10.757 | 2.7101 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.466 | .00365 | .29178 | 1.8923 | 5.4399 | .02078 | 1.7484 |
| #2 | 26.205 | .00369 | .33995 | 2.0245 | 5.5519 | .02420 | 1.8167 |

Sample Name: J1454-06      Acquired: 2/6/2018 17:25:55      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-6-EW(4 Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .38395 | 7.807  | .28799 | F<00000 | F191.36 |
| Stddev | .00715 | .364   | .00521 | 2.0318  | .52     |
| %RSD   | 1.8626 | 4.659  | 1.8097 | .77548  | .27308  |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .37889 | 7.550 | .28430 | -260.56 | 191.73 |
| #2 | .38901 | 8.064 | .29167 | -263.44 | 190.99 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2856.4  | 32681.  | 3696.2  | 77.299 | 2397.0 |
| Stddev    | 80.0    | 265.    | 103.8   | 3.668  | 93.1   |
| %RSD      | 2.8005  | .42244  | 1.5506  | 4.7456 | 3.8830 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2912.9 | 62494. | 6769.6 | 79.893 | 2462.8 |
| #2 | 2799.8 | 62868. | 6622.8 | 74.705 | 2331.2 |

Sample Name: J1454-07      Acquired: 2/6/2018 17:30:02      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-7-EW(2 Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .27039 | .02160 | 19.623 | .34800 | 1.9512 | 38.558 | 59.656 |
| Stddev | .01262 | .00881 | .015   | .06510 | .0106  | 5.007  | 4.563  |
| %RSD   | 4.6676 | 40.770 | .07508 | 18.707 | .54386 | 5.6537 | 7.6484 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .27931 | -.01537 | 19.612 | .39403 | 1.9437 | 92.099 | 62.883 |
| #2 | .26146 | -.02782 | 19.633 | .30197 | 1.9587 | 85.018 | 56.430 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00081 | .06886 | 753.03 | .87142 | .19782 | 3.1257 | F1136.0 |
| Stddev | .00059 | .01469 | 65.50  | .04001 | .00039 | .0372  | 128.2   |
| %RSD   | 73.272 | 21.337 | 8.6975 | 4.5916 | .19503 | 1.1884 | 11.289  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00039 | .05847 | 799.34 | .89972 | .19755 | 3.0994 | 1226.7 |
| #2 | .00123 | .07924 | 706.71 | .84313 | .19809 | 3.1520 | 1045.3 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 12.450 | 77.207 | 2.0061 | .02823 | 5.6824 | .28282 | 3.6702 |
| Stddev | .007   | 7.306  | .0019  | .00615 | .5301  | .01273 | .9598  |
| %RSD   | .06013 | 9.4624 | .09708 | 21.790 | 9.3295 | 4.5010 | 9.9257 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 12.455 | 82.373 | 2.0047 | -.02388 | 6.0573 | .29182 | 10.349 |
| #2 | 12.445 | 72.041 | 2.0075 | -.03257 | 5.3075 | .27382 | 8.9915 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 13.298 | .20293 | 1.5964 | 20.816 | 1.6631 | 2.7105 | 2.0869 |
| Stddev | 1.228  | .00035 | .1743  | .049   | .1504  | .0163  | .1983  |
| %RSD   | 9.2373 | .17342 | 10.918 | .23519 | 9.0419 | .59995 | 9.5024 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 14.167 | .20268 | 1.7196 | 20.782 | 1.7694 | 2.6990 | 2.2271 |
| #2 | 12.430 | .20318 | 1.4731 | 20.851 | 1.5567 | 2.7220 | 1.9467 |

Sample Name: J1454-07      Acquired: 2/6/2018 17:30:02      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-7-EW(2 Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .12895 | F198.4 | 4.4269 | F<00000 | F259.97 |
| Stddev | .01242 | .2     | .2182  | 6.1804  | 3.06    |
| %RSD   | 9.6315 | .1146  | 4.9292 | 1.0527  | 1.1768  |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .13773 | 198.2 | 4.5812 | -591.49 | 257.81 |
| #2 | .12017 | 198.6 | 4.2726 | -582.75 | 262.13 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2367.8  | 54942.  | 3127.3  | 79.178 | 2069.7 |
| Stddev    | 8.2     | 2262.   | 496.0   | 7.885  | 4.6    |
| %RSD      | .34478  | 4.1164  | 8.0947  | 9.9590 | .22264 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2373.5 | 53343. | 5776.6 | 73.602 | 2072.9 |
| #2 | 2362.0 | 56541. | 6478.0 | 84.754 | 2066.4 |

Sample Name: J1454-08      Acquired: 2/6/2018 17:34:14      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-7-EW(4 Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|---------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961  | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .09786 | .00443 | .54924 | .15551 | .01897 | .231.86 | 1.3845 |
| Stddev | .00908 | .00016 | .00299 | .00326 | .00170 | 1.56    | .0134  |
| %RSD   | 9.2761 | 3.6276 | .54490 | 2.0991 | 8.9465 | .67196  | .96447 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10428 | .00455 | .55135 | .15321 | .02017 | 230.76 | 1.3751 |
| #2 | .09144 | .00432 | .54712 | .15782 | .01777 | 232.96 | 1.3940 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00741 | .00608 | 34.270 | .24810 | .21913 | .16829 | 411.79 |
| Stddev | .00009 | .00033 | .290   | .00019 | .00220 | .00156 | 1.82   |
| %RSD   | 1.1810 | 5.3587 | .84739 | .07681 | 1.0035 | .92940 | .44205 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00734 | .00631 | 34.065 | .24797 | .22068 | .16940 | 413.08 |
| #2 | .00747 | .00585 | 34.475 | .24824 | .21758 | .16718 | 410.51 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 18.232 | 30.000 | .27661 | .00715 | 1.4324 | .42723 | 1.1618 |
| Stddev | .105   | .749   | .00355 | .00081 | .0060  | .00078 | .0171  |
| %RSD   | .57602 | 1.2478 | 1.2826 | 11.276 | .42048 | .18172 | 1.4750 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 18.306 | 59.471 | .27912 | -.00658 | 1.4281 | .42668 | 1.1739 |
| #2 | 18.158 | 60.530 | .27410 | -.00772 | 1.4366 | .42778 | 1.1497 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 16.419 | .00897 | .21017 | 1.9728 | 7.8894 | .02281 | 1.1619 |
| Stddev | .202   | .00004 | .00020 | .0237  | .0288  | .00099 | .0013  |
| %RSD   | 1.2276 | .45288 | .09348 | 1.2018 | .36516 | 4.3213 | .11366 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 16.276 | .00894 | .21003 | 1.9896 | 7.9098 | .02212 | 1.1610 |
| #2 | 16.561 | .00900 | .21031 | 1.9560 | 7.8691 | .02351 | 1.1628 |

Sample Name: J1454-08      Acquired: 2/6/2018 17:34:14      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-7-EW(4 Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .29048 | 5.454  | .29359 | F<00000 | F155.92 |
| Stddev | .00396 | .051   | .00357 | 2.3880  | 4.35    |
| %RSD   | 1.3627 | .9309  | 1.2174 | 1.4819  | 2.7874  |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .28768 | 5.490 | .29106 | -162.83 | 152.85 |
| #2 | .29328 | 5.418 | .29611 | -159.46 | 158.99 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2662.6  | 56718.  | 5946.8  | 30.609 | 2649.6 |
| Stddev    | 25.5    | 54.     | 16.7    | 1.061  | 25.8   |
| %RSD      | .95859  | .09464  | .28105  | 1.3158 | .97344 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2644.6 | 56680. | 5958.6 | 79.859 | 2631.4 |
| #2 | 2680.7 | 56756. | 5935.0 | 81.359 | 2667.9 |



Sample Name: J1454-09      Acquired: 2/6/2018 17:38:22      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-8-EW(1 Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22752 | .00351 | 4.7743 | .20210 | .08717 | 109.21 | 3.3107 |
| Stddev | .00899 | .00261 | .0245  | .00452 | .00194 | 7.81   | .0319  |
| %RSD   | 3.9528 | 74.409 | .51343 | 2.2379 | 2.2302 | 7.1493 | .50628 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .22116 | -.00166 | 4.7570 | .20529 | .08580 | 103.69 | 6.2881 |
| #2 | .23388 | -.00535 | 4.7916 | .19890 | .08855 | 114.73 | 6.3333 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00374 | .05674 | 1344.0 | 2.2063 | .19624 | 1.6351 | 944.64 |
| Stddev | .00102 | .00091 | 14.4   | .1894  | .00081 | .0057  | .28    |
| %RSD   | 27.142 | 1.6116 | 1.0736 | 8.5864 | .41325 | .34683 | .02962 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00303 | .05609 | 1333.8 | 2.0723 | .19567 | 1.6311 | 944.84 |
| #2 | .00446 | .05739 | 1354.2 | 2.3403 | .19681 | 1.6391 | 944.44 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 32.855 | 137.71 | 1.6637 | .01827 | 2.4075 | .42546 | 3.3173 |
| Stddev | 2.250  | .72    | .0066  | .01083 | .0040  | .03469 | .0252  |
| %RSD   | 6.8485 | .52612 | .39397 | 59.290 | .16597 | 8.1528 | .30319 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 31.264 | 137.20 | 1.6591 | -.01061 | 2.4104 | .40094 | 8.3351 |
| #2 | 34.446 | 138.22 | 1.6684 | -.02592 | 2.4047 | .44999 | 8.2995 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 15.565 | .31707 | 1.4966 | 23.808 | 3.0932 | .27028 | 1.8622 |
| Stddev | .084   | .00157 | .0015  | .070   | .0127  | .00216 | .0055  |
| %RSD   | .54245 | .49632 | .09927 | .29293 | .41225 | .79953 | .29585 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 15.505 | .31596 | 1.4955 | 23.759 | 3.1022 | .26875 | 1.8661 |
| #2 | 15.624 | .31819 | 1.4976 | 23.858 | 3.0842 | .27180 | 1.8583 |

Sample Name: J1454-09      Acquired: 2/6/2018 17:38:22      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-8-EW(1 Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |          |
|-----------|---------|---------|---------|---------|----------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859   |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm      |
| Avg       | .20306  | 10.13   | 1.5508  | F<00000 | F.267.92 |
| Stddev    | .00129  | .05     | .0079   | 6.5504  | .96      |
| %RSD      | .63413  | .5263   | .51218  | .92982  | .35932   |
| #1        | .20215  | 10.09   | 1.5452  | -699.85 | 267.24   |
| #2        | .20397  | 10.17   | 1.5564  | -709.11 | 268.60   |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306   |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S    |
| Avg       | 2461.7  | 52521.  | 3071.7  | 73.797  | 2043.1   |
| Stddev    | 8.9     | 3583.   | 10.7    | .301    | 8.5      |
| %RSD      | .36184  | 6.8227  | .17555  | .40747  | .41456   |
| #1        | 2468.0  | 55055.  | 6079.2  | 73.585  | 2049.1   |
| #2        | 2455.4  | 49987.  | 6064.1  | 74.010  | 2037.1   |

Sample Name: J1454-10      Acquired: 2/6/2018 17:42:28      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-8-EW(4 Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .33500 | .07396 | 44.262 | .78521 | 1.1608 | 100.95 | 23.517 |
| Stddev | .01004 | .00555 | .114   | .05793 | .0078  | 11.06  | .306   |
| %RSD   | 2.9966 | 7.5073 | .25708 | 7.3774 | .67509 | 10.956 | 1.3003 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .34209 | -.07004 | 44.182 | .82617 | 1.1553 | 108.77 | 23.301 |
| #2 | .32790 | -.07789 | 44.343 | .74425 | 1.1664 | 93.130 | 23.733 |

|        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .00076 | .24122 | 1006.3 | 2.0062 | .35695 | 5.0937 | F 2387.3 |
| Stddev | .00133 | .01447 | 2.0    | .2540  | .00190 | .0368  | 124.9    |
| %RSD   | 175.28 | 5.9995 | .19545 | 12.662 | .53242 | .72201 | 5.2329   |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00018  | .23099 | 1007.7 | 2.1858 | .35561 | 5.0677 | 2475.7 |
| #2 | -.00169 | .25145 | 1004.9 | 1.8266 | .35829 | 5.1197 | 2299.0 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.831 | 104.02 | 2.7134 | .06471 | 4.4693 | .50347 | 21.018 |
| Stddev | 3.039  | .18    | .0089  | .02589 | .0143  | .06489 | 1.028  |
| %RSD   | 11.765 | .17375 | .32870 | 40.006 | .32084 | 12.890 | 4.8929 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 27.979 | 103.89 | 2.7071 | -.08301 | 4.4592 | .54936 | 21.745 |
| #2 | 23.682 | 104.15 | 2.7197 | -.04640 | 4.4795 | .45758 | 20.291 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 12.161 | .28822 | 4.3185 | 40.560 | 1.3559 | 1.9201 | 5.4335 |
| Stddev | .022   | .00016 | .1818  | .217   | .0025  | .0086  | .0244  |
| %RSD   | .17902 | .05691 | 4.2101 | .53411 | .18578 | .44652 | .44906 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 12.145 | .28811 | 4.4471 | 40.407 | 1.3576 | 1.9140 | 5.4162 |
| #2 | 12.176 | .28834 | 4.1900 | 40.714 | 1.3541 | 1.9262 | 5.4507 |

Sample Name: J1454-10      Acquired: 2/6/2018 17:42:28      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-8-EW(4 Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .18031  | 12.86   | 1.7504  | F<00000 | ^ ***** |
| Stddev    | .00105  | .07     | .0063   | 20.352  | -----   |
| %RSD      | .58484  | .5662   | .36105  | 1.8547  | -----   |
| #1        | .17957  | 12.81   | 1.7459  | -1111.7 | ^ ----- |
| #2        | .18106  | 12.92   | 1.7548  | -1082.9 | ^ ----- |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2343.3  | 51465.  | 5944.1  | 59.647  | 1722.0  |
| Stddev    | .7      | 5538.   | 11.3    | 3.482   | 2.5     |
| %RSD      | .02903  | 10.761  | .19018  | 4.9994  | .14360  |
| #1        | 2342.8  | 47549.  | 5936.1  | 67.185  | 1723.8  |
| #2        | 2343.7  | 55381.  | 5952.1  | 72.109  | 1720.3  |

Sample Name: J1454-11      Acquired: 2/6/2018 17:46:44      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-9-EW(1 Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .24393 | .03020 | 12.221 | .49711 | .11216 | 208.44 | 5.4989 |
| Stddev | .00467 | .00145 | .059   | .01364 | .00264 | .11    | .0354  |
| %RSD   | 1.9146 | 4.8100 | .48644 | 2.7442 | 2.3515 | .05217 | .64353 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .24723 | -.03122 | 12.263 | .50675 | .11030 | 208.52 | 5.4739 |
| #2 | .24063 | -.02917 | 12.179 | .48746 | .11403 | 208.37 | 5.5239 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .01198 | .11710 | 348.48 | 3.5510 | .63026 | 7.3290 | F1461.8 |
| Stddev | .00029 | .00170 | 10.07  | .0083  | .00325 | .0088  | 26.3    |
| %RSD   | 2.4472 | 1.4554 | 1.1867 | .23296 | .51585 | .11998 | 1.7989  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01177 | .11590 | 841.36 | 3.5452 | .63256 | 7.3352 | 1480.4 |
| #2 | .01219 | .11831 | 855.60 | 3.5569 | .62796 | 7.3228 | 1443.2 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 28.078 | 161.63 | 2.7558 | .02327 | 4.3503 | .57858 | 9.1324 |
| Stddev | .010   | 1.01   | .0111  | .00347 | .0489  | .00062 | .1613  |
| %RSD   | .03472 | .62217 | .40118 | 14.890 | 1.1238 | .10801 | 1.7666 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 28.085 | 160.92 | 2.7636 | .02572 | 4.3157 | .57814 | 9.2465 |
| #2 | 28.071 | 162.34 | 2.7480 | .02082 | 4.3849 | .57902 | 9.0184 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 20.074 | .75699 | 1.7785 | 54.150 | 1.2567 | .96407 | 2.2846 |
| Stddev | .063   | .00009 | .0359  | .226   | .0286  | .00197 | .0193  |
| %RSD   | .31583 | .01158 | 2.0158 | .41718 | 2.2791 | .20460 | .84279 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 20.029 | .75706 | 1.8038 | 54.309 | 1.2365 | .96546 | 2.2710 |
| #2 | 20.119 | .75693 | 1.7531 | 53.990 | 1.2770 | .96267 | 2.2982 |

Sample Name: J1454-11      Acquired: 2/6/2018 17:46:44      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-9-EW(1 Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .32576 | 9.912  | 1.5136 | F<00000 | F 219.39 |
| Stddev | .00183 | .035   | .0068  | 3.2984  | .18      |
| %RSD   | .56078 | .3537  | .44986 | .41370  | .08219   |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .32447 | 9.937 | 1.5088 | -794.96 | 219.52 |
| #2 | .32705 | 9.888 | 1.5185 | -799.63 | 219.27 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2824.1  | 34562.  | 7132.0  | 73.934 | 1921.4 |
| Stddev    | 8.3     | 177.    | 44.5    | 1.327  | 8.4    |
| %RSD      | .29276  | .27490  | .62430  | 1.7954 | .43969 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2818.2 | 64436. | 7163.5 | 72.995 | 1915.4 |
| #2 | 2829.9 | 64687. | 7100.5 | 74.873 | 1927.4 |

Sample Name: J1454-12      Acquired: 2/6/2018 17:50:55      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-9-EW(4 Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .33555 | .08832 | 14.000 | .68806 | .16872 | 150.54 | 13.325 |
| Stddev | .01367 | .00793 | .055   | .01867 | .00338 | .77    | .012   |
| %RSD   | 4.0727 | 8.9815 | .39155 | 2.7131 | 2.0061 | .51239 | .09244 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .34521 | -.08271 | 14.039 | .70126 | .17111 | 151.09 | 13.334 |
| #2 | .32589 | -.09393 | 13.962 | .67486 | .16632 | 150.00 | 13.316 |

|        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .00227 | .18474 | 976.90 | 3.9655 | 1.2342 | 3.7928 | F 2011.5 |
| Stddev | .00003 | .00365 | 1.02   | .0300  | .0039  | .0240  | 36.6     |
| %RSD   | 1.4771 | 1.9733 | .10471 | .33464 | .31411 | .35378 | 1.8212   |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00229 | .18216 | 976.18 | 8.9868 | 1.2370 | 6.8098 | 2037.4 |
| #2 | .00224 | .18731 | 977.63 | 8.9443 | 1.2315 | 6.7758 | 1985.6 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 20.456 | 96.733 | 4.7527 | .00808 | 3.2571 | 1.3775 | 13.244 |
| Stddev | .115   | .161   | .0095  | .00185 | .0069  | .0043  | .069   |
| %RSD   | .56203 | .16619 | .20018 | 22.844 | .10976 | .31386 | .52088 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 20.537 | 96.619 | 4.7594 | .00938 | 6.2523 | 1.3806 | 13.293 |
| #2 | 20.375 | 96.847 | 4.7460 | .00677 | 6.2620 | 1.3745 | 13.195 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 20.708 | 2.4553 | 2.8233 | 59.148 | 2.1240 | 1.1802 | 3.0679 |
| Stddev | .072   | .0103  | .0711  | .145   | .0084  | .0046  | .0080  |
| %RSD   | .34981 | .42039 | 2.5181 | .24588 | .39723 | .38710 | .26219 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 20.657 | 2.4626 | 2.8736 | 59.251 | 2.1300 | 1.1834 | 3.0622 |
| #2 | 20.759 | 2.4480 | 2.7731 | 59.045 | 2.1180 | 1.1770 | 3.0736 |

Sample Name: J1454-12      Acquired: 2/6/2018 17:50:55      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-9-EW(4 Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .23286  | 40.16   | 1.9169  | F<00000 | ^ t**** |
| Stddev    | .00187  | .18     | .0022   | 4.4698  | -----   |
| %RSD      | .80173  | .4513   | .11381  | .45812  | -----   |
| #1        | .23154  | 40.29   | 1.9184  | -972.53 | 248.14  |
| #2        | .23418  | 40.04   | 1.9153  | -978.85 | ^ ----- |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2318.4  | 54075.  | 5978.9  | 73.068  | 1791.4  |
| Stddev    | 7.8     | 267.    | 24.2    | .335    | 6.1     |
| %RSD      | .33604  | .49459  | .40537  | .45823  | .34069  |
| #1        | 2312.9  | 53886.  | 5996.1  | 72.831  | 1787.0  |
| #2        | 2323.9  | 54264.  | 5961.8  | 73.304  | 1795.7  |



Sample Name: J1454-13      Acquired: 2/6/2018 17:55:09      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-9-WW(4      Custom ID2:  
Comment:      Custom ID3:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .39197 | .11169 | 17.263 | .88314 | .35087 | 125.30 | 12.393 |
| Stddev | .00436 | .01512 | .402   | .03657 | .00968 | .29    | .248   |
| %RSD   | 1.1127 | 13.540 | 2.3305 | 4.1406 | 2.7599 | .23121 | 2.0007 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .39505 | -.10099 | 16.979 | .90900 | .34402 | 125.51 | 12.569 |
| #2 | .38889 | -.12238 | 17.547 | .85729 | .35772 | 125.10 | 12.218 |

|        |         |        |        |        |        |        |          |
|--------|---------|--------|--------|--------|--------|--------|----------|
| Elem   | Be2348  | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404   |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | -.00207 | .25497 | 302.54 | 3.6619 | .69383 | 26.693 | F 2572.3 |
| Stddev | .00039  | .02330 | 31.90  | .0054  | .01872 | .503   | 74.7     |
| %RSD   | 18.965  | 9.1400 | 3.9747 | .08107 | 2.6976 | 1.8839 | 2.9042   |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00235 | .23849 | 825.09 | 6.6657 | .68059 | 26.337 | 2625.2 |
| #2 | -.00179 | .27145 | 779.98 | 6.6581 | .70706 | 27.048 | 2519.5 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 22.481 | 78.888 | 7.4881 | .03596 | 3.9060 | .89606 | 22.665 |
| Stddev | .039   | 3.216  | .2023  | .00793 | .2451  | .00092 | .718   |
| %RSD   | .17519 | 4.0769 | 2.7010 | 22.064 | 3.5489 | .10227 | 3.1683 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 22.454 | 81.162 | 7.3451 | -.03035 | 7.0793 | .89541 | 23.172 |
| #2 | 22.509 | 76.613 | 7.6312 | -.04157 | 6.7327 | .89671 | 22.157 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 16.954 | 1.8444 | 3.2814 | 32.157 | 1.4789 | 1.8747 | 3.3155 |
| Stddev | .625   | .0349  | .0797  | 1.568  | .0593  | .0430  | .1370  |
| %RSD   | 3.6885 | 1.8921 | 2.4286 | 2.5229 | 4.0128 | 2.2930 | 4.1318 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 17.397 | 1.8197 | 3.3377 | 61.048 | 1.5209 | 1.8443 | 3.4123 |
| #2 | 16.512 | 1.8691 | 3.2250 | 63.265 | 1.4369 | 1.9051 | 3.2186 |

Sample Name: J1454-13      Acquired: 2/6/2018 17:55:09      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-9-WW(4      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .18162 | 14.85  | 1.8617 | F<00000 | ^ ***** |
| Stddev | .00692 | .41    | .0709  | 1.8462  | -----   |
| %RSD   | 3.8122 | 2.779  | 3.8085 | .16351  | -----   |

|    |        |       |        |         |         |
|----|--------|-------|--------|---------|---------|
| #1 | .18652 | 14.56 | 1.9118 | -1130.4 | ^ ----- |
| #2 | .17673 | 15.14 | 1.8116 | -1127.8 | ^ ----- |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2193.4  | 52301.  | 5627.1  | 70.459 | 1677.9 |
| Stddev    | 34.2    | 15.     | 213.9   | 2.379  | 39.7   |
| %RSD      | 1.5584  | .02957  | 3.8016  | 3.3764 | 2.3663 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2217.6 | 52312. | 5475.8 | 68.777 | 1706.0 |
| #2 | 2169.2 | 52290. | 5778.3 | 72.141 | 1649.9 |

Sample Name: J1454-14      Acquired: 2/6/2018 17:59:17      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-10-WW(      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .17867 | .02770 | 5.2918 | .26758 | .05493 | 174.14 | 2.3754 |
| Stddev | .00504 | .00322 | .0546  | .01666 | .00348 | 1.47   | .0190  |
| %RSD   | 2.8185 | 11.633 | 1.0312 | 6.2247 | 6.3382 | .84189 | .79945 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18223 | .02998 | 5.3303 | .25580 | .05739 | 173.11 | 2.3620 |
| #2 | .17510 | .02542 | 5.2532 | .27936 | .05247 | 175.18 | 2.3888 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .01078 | .06292 | 1337.7 | 5.7281 | .14617 | 1.4401 | F1040.4 |
| Stddev | .00054 | .00570 | 23.1   | .0037  | .00247 | .0231  | 28.1    |
| %RSD   | 4.9838 | 9.0531 | 1.7300 | .06401 | 1.6879 | 1.6003 | 2.6966  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01116 | .06695 | 1321.3 | 5.7307 | .14791 | 1.4564 | 1020.6 |
| #2 | .01040 | .05890 | 1354.0 | 5.7255 | .14442 | 1.4238 | 1060.3 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 59.972 | 328.57 | .66049 | .01329 | 4.1745 | 2.7552 | 3.1619 |
| Stddev | .256   | 2.62   | .00667 | .00349 | .0597  | .0015  | .1269  |
| %RSD   | .42724 | .79690 | 1.0104 | 26.232 | 1.4294 | .05323 | 2.0598 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 60.153 | 326.72 | .66521 | .01082 | 4.1323 | 2.7541 | 6.0721 |
| #2 | 59.790 | 330.42 | .65577 | .01575 | 4.2167 | 2.7562 | 6.2516 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 13.346 | .11049 | .71071 | 38.493 | 1.0557 | .23571 | 9.7914 |
| Stddev | .069   | .00133 | .05259 | .433   | .0019  | .00294 | .0778  |
| %RSD   | .51375 | 1.2041 | 7.3998 | 1.1252 | .17567 | 1.2456 | .79494 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 13.298 | .11143 | .67352 | 38.800 | 1.0544 | .23363 | 9.7364 |
| #2 | 13.395 | .10955 | .74790 | 38.187 | 1.0570 | .23778 | 9.8464 |

Sample Name: J1454-14      Acquired: 2/6/2018 17:59:17      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-10-WW(      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |          |
|-----------|---------|---------|---------|---------|----------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859   |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm      |
| Avg       | .22487  | 34.05   | 1.5109  | F<00000 | F.243.76 |
| Stddev    | .00093  | .38     | .0154   | 4.7649  | .51      |
| %RSD      | .41534  | 1.101   | 1.0215  | .63521  | .20846   |
| #1        | .22421  | 34.32   | 1.5000  | -746.76 | 243.40   |
| #2        | .22553  | 33.79   | 1.5218  | -753.50 | 244.12   |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306  | In2306   |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S    |
| Avg       | 2550.4  | 57423.  | 3375.6  | 37.387  | 1962.0   |
| Stddev    | 20.3    | 129.    | 4.7     | 1.446   | 23.2     |
| %RSD      | .79790  | .22472  | .07394  | 2.1456  | 1.1809   |
| #1        | 2536.0  | 57332.  | 6378.9  | 68.409  | 1945.6   |
| #2        | 2564.8  | 57514.  | 6372.2  | 66.364  | 1978.4   |

Sample Name: J1454-15      Acquired: 2/6/2018 18:03:22      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-10-WW(      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .37225 | .00281 | 4.0254 | .35724 | .03821 | 105.81 | 4.2784 |
| Stddev | .00534 | .00145 | .0040  | .00371 | .00171 | .21    | .0418  |
| %RSD   | 1.4352 | 51.553 | .09826 | 1.0380 | 4.4791 | .19680 | .97737 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .37603 | .00179 | 4.0282 | .35986 | .03700 | 105.96 | 4.2488 |
| #2 | .36847 | .00384 | 4.0226 | .35462 | .03942 | 105.66 | 4.3080 |

|        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .00384 | .04232 | 345.88 | 3.4879 | .35619 | 1.5450 | F 380.84 |
| Stddev | .00005 | .00091 | 3.65   | .0014  | .00013 | .0022  | 11.87    |
| %RSD   | 1.1876 | 2.1402 | 1.0561 | .03912 | .03575 | .14146 | 1.2097   |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00380 | .04168 | 343.29 | 3.4869 | .35610 | 1.5435 | 989.23 |
| #2 | .00387 | .04297 | 348.46 | 3.4889 | .35628 | 1.5466 | 972.45 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.155 | 426.27 | 5.0760 | .00859 | 2.4768 | .38376 | 3.0898 |
| Stddev | .044   | 4.86   | .0133  | .00113 | .0447  | .00145 | .0851  |
| %RSD   | .43634 | 1.1409 | .26177 | 13.129 | 1.8038 | .37745 | 1.0520 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 10.124 | 422.83 | 5.0854 | -.00779 | 2.4452 | .38274 | 8.1500 |
| #2 | 10.187 | 429.71 | 5.0666 | -.00939 | 2.5083 | .38479 | 8.0296 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 11.285 | .54865 | .70177 | 115.99 | 2.5853 | .34904 | 2.1909 |
| Stddev | .047   | .00097 | .04023 | .15    | .0328  | .00377 | .0104  |
| %RSD   | .41233 | .17742 | 5.7323 | .12567 | 1.2685 | 1.0800 | .47396 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.252 | .54934 | .73021 | 116.10 | 2.5621 | .35170 | 2.1836 |
| #2 | 11.317 | .54796 | .67332 | 115.89 | 2.6084 | .34637 | 2.1983 |

Sample Name: J1454-15      Acquired: 2/6/2018 18:03:22      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-10-WW(      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .17882 | 5.031  | 1.1164 | F<00000 | F.266.05 |
| Stddev | .00227 | .001   | .0126  | 2.5658  | 2.32     |
| %RSD   | 1.2722 | .0235  | 1.1242 | .63261  | .87282   |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .17721 | 6.032 | 1.1075 | -403.77 | 267.69 |
| #2 | .18043 | 6.030 | 1.1252 | -407.40 | 264.41 |

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | In2306 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2404.8 | 54259. | 5807.8 | 73.618 | 2193.7 |
| Stddev    | .5     | 57.    | 78.7   | .714   | 2.6    |
| %RSD      | .01901 | .10485 | 1.3557 | .96941 | .11714 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2404.5 | 54299. | 5863.4 | 73.113 | 2191.9 |
| #2 | 2405.1 | 54219. | 5752.1 | 74.123 | 2195.6 |

Sample Name: CCV07      Acquired: 2/6/2018 18:11:31      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CRI      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 5.0431 | 4.9088 | 4.9398 | 4.9240 | 5.0740 | 10.173 | 10.652 | .24841   |
| Stddev | .0057  | .0067  | .0011  | .0052  | .0020  | .103   | .592   | .00008   |
| %RSD   | .11324 | .13561 | .02313 | .10630 | .04018 | 1.0170 | 5.5574 | .03197   |
| #1     | 5.0391 | 4.9041 | 4.9390 | 4.9277 | 5.0755 | 10.246 | 11.070 | .24846   |
| #2     | 5.0471 | 4.9136 | 4.9406 | 4.9203 | 5.0726 | 10.099 | 10.233 | .24835   |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 2.4538 | 25.882 | .94783 | 2.4740 | 1.2585 | 5.2155 | 2.5031 | 26.032   |
| Stddev | .0046  | 1.346  | .00200 | .0106  | .0002  | .3081  | .0066  | 1.311    |
| %RSD   | .18680 | 5.1990 | .21069 | .42708 | .01700 | 5.9079 | .26200 | 5.0369   |
| #1     | 2.4506 | 26.834 | .94925 | 2.4665 | 1.2586 | 5.4333 | 2.5077 | 26.959   |
| #2     | 2.4571 | 24.931 | .94642 | 2.4815 | 1.2583 | 4.9976 | 2.4984 | 25.105   |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 2.4234 | 1.2109 | 25.350 | 2.4818 | 2.5933 | 26.664 | 5.1458 | 5.4286   |
| Stddev | .0082  | .0045  | 1.384  | .0052  | .1105  | 1.367  | .0037  | .2884    |
| %RSD   | .34001 | .37431 | 5.4586 | .20941 | 4.2601 | 5.1254 | .07125 | 5.3128   |
| #1     | 2.4176 | 1.2141 | 26.328 | 2.4854 | 2.6715 | 27.630 | 5.1432 | 5.6326   |
| #2     | 2.4292 | 1.2077 | 24.371 | 2.4781 | 2.5152 | 25.697 | 5.1484 | 5.2247   |
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 4.9359 | 5.1065 | 4.9456 | 5.1915 | 5.2748 | 4.784  | 5.0584 | F 4.3123 |
| Stddev | .0103  | .2383  | .0059  | .3124  | .2787  | .013   | .2883  | 1.3088   |
| %RSD   | .20932 | 4.6671 | .11933 | 6.0165 | 5.2838 | .2769  | 5.6988 | 30.351   |
| #1     | 4.9286 | 5.2750 | 4.9415 | 5.4124 | 5.4719 | 4.794  | 5.2622 | 3.3868   |
| #2     | 4.9432 | 4.9379 | 4.9498 | 4.9706 | 5.0777 | 4.775  | 4.8545 | 5.2378   |

Sample Name: CCV07      Acquired: 2/6/2018 18:11:31      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CRI      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 4.9674 |
| Stddev | 2.1060 |
| %RSD   | 42.397 |

|    |        |
|----|--------|
| #1 | 6.4565 |
| #2 | 3.4782 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2416.2  | 52604.  | 5095.9  | 78.662 | 2740.2 |
| Stddev    | 1.5     | 255.    | 235.6   | 3.432  | 1.0    |
| %RSD      | .06288  | .48456  | 4.6227  | 4.3632 | .03703 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2415.1 | 52424. | 4929.4 | 76.235 | 2740.9 |
| #2 | 2417.3 | 52784. | 5262.5 | 81.088 | 2739.5 |



Sample Name: LLCCV04      Acquired: 2/6/2018 18:15:26      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICSA6545      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02210 | .04247 | .01105 | .01945 | .04707 | .10573 | .10525 | .00609 |
| Stddev | .00209 | .00237 | .00122 | .00082 | .00160 | .00006 | .00041 | .00004 |
| %RSD   | 9.4678 | 5.5750 | 10.994 | 4.1987 | 3.3910 | .05259 | .39145 | .62800 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02358 | .04080 | .01019 | .02002 | .04594 | .10569 | .10495 | .00611 |
| #2 | .02062 | .04415 | .01191 | .01887 | .04820 | .10577 | .10554 | .00606 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00594 | 2.0272 | .00953 | .02996 | .02152 | .09898 | .02216 | 2.1224 |
| Stddev | .00008 | .0150  | .00028 | .00013 | .00010 | .00890 | .00008 | .0148  |
| %RSD   | 1.3379 | .73997 | 2.9286 | .42386 | .45342 | 8.9952 | .34830 | .69717 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00588 | 2.0165 | .00973 | .02987 | .02159 | .10528 | .02210 | 2.1119 |
| #2 | .00600 | 2.0378 | .00933 | .03005 | .02145 | .09269 | .02221 | 2.1328 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03928 | .01010 | 1.9618 | .04060 | .04200 | 2.0999 | .21310 | .10143 |
| Stddev | .00038 | .00023 | .0019  | .00009 | .00035 | .0026  | .00023 | .00232 |
| %RSD   | .97686 | 2.3040 | .09471 | .21675 | .83168 | .12261 | .10604 | 2.2861 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03955 | .00993 | 1.9605 | .04066 | .04175 | 2.0981 | .21326 | .09979 |
| #2 | .03901 | .01026 | 1.9631 | .04054 | .04225 | 2.1017 | .21294 | .10307 |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .02511 | .40693 | .03952 | .04479 | .02046 | .0174  | .02173 | F 3.5456 |
| Stddev | .00153 | .01119 | .00064 | .00119 | .00077 | .0008  | .00002 | .1572    |
| %RSD   | 6.1061 | 2.7495 | 1.6178 | 2.6607 | 3.7788 | 4.713  | .07038 | 2.4021   |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | .02402 | .41484 | .03997 | .04395 | .02100 | .0168 | .02174 | 6.4344 |
| #2 | .02619 | .39902 | .03907 | .04563 | .01991 | .0180 | .02172 | 6.6567 |

Sample Name: LLCCV04      Acquired: 2/6/2018 18:15:26      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICSA6545      Custom ID2:      Custom ID3:  
 Comment:

|        |         |
|--------|---------|
| Elem   | U_3859  |
| Units  | ppm     |
| Avg    | F1.2269 |
| Stddev | 2.6876  |
| %RSD   | 219.06  |

|    |         |
|----|---------|
| #1 | 3.1273  |
| #2 | -.67356 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2526.8  | 54044.  | 5225.1  | 32.957 | 2999.7 |
| Stddev    | 4.7     | 28.     | 29.5    | .813   | 7.4    |
| %RSD      | .18601  | .05126  | .56401  | .98024 | .24693 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2523.5 | 54024. | 5246.0 | 83.532 | 2994.4 |
| #2 | 2530.2 | 54063. | 5204.3 | 82.382 | 3004.9 |

Sample Name: CCB07      Acquired: 2/6/2018 18:19:36      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICSAB6545      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00143 | .00053 | .00018 | .00250 | .00290 | .00503 | .00070 |
| Stddev | .00095 | .00087 | .00045 | .00305 | .00061 | .00663 | .00059 |
| %RSD   | 66.405 | 163.30 | 250.90 | 121.94 | 20.939 | 131.76 | 84.889 |

|    |         |         |         |         |         |         |        |
|----|---------|---------|---------|---------|---------|---------|--------|
| #1 | -.00210 | -.00115 | -.00050 | -.00034 | -.00247 | -.00972 | .00028 |
| #2 | -.00076 | .00008  | .00014  | -.00466 | -.00333 | -.00034 | .00112 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .00001 | .01503 | .00078 | .00015 | .00027 | .01534 |
| Stddev | .00001 | .00019 | .00770 | .00000 | .00013 | .00061 | .01922 |
| %RSD   | 137.08 | 2678.1 | 51.248 | .03735 | 86.847 | 227.09 | 125.36 |

|    |         |         |        |         |        |         |         |
|----|---------|---------|--------|---------|--------|---------|---------|
| #1 | -.00002 | .00012  | .00958 | -.00078 | .00024 | -.00069 | -.00174 |
| #2 | .00000  | -.00014 | .02047 | -.00078 | .00006 | .00016  | -.02893 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00017 | .03073 | .00028 | .00025 | .05294 | .00034 | .00039 |
| Stddev | .00004 | .01020 | .00029 | .00008 | .00359 | .00026 | .00001 |
| %RSD   | 23.207 | 33.189 | 103.57 | 33.769 | 6.7723 | 74.395 | 2.8915 |

|    |        |        |         |         |         |        |         |
|----|--------|--------|---------|---------|---------|--------|---------|
| #1 | .00015 | .03794 | -.00007 | -.00030 | -.05548 | .00016 | -.00039 |
| #2 | .00020 | .02352 | -.00048 | -.00019 | -.05041 | .00053 | -.00040 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | .00085 | .00289 | .00118 | .00330 | .00011 | .00300 |
| Stddev | .00652 | .00002 | .00378 | .00161 | .03221 | .00010 | .00079 |
| %RSD   | 6004.5 | 2.6286 | 130.52 | 136.13 | 976.26 | 88.599 | 26.409 |

|    |         |        |        |        |         |         |        |
|----|---------|--------|--------|--------|---------|---------|--------|
| #1 | .00450  | .00083 | .00557 | .00232 | -.01948 | -.00018 | .00244 |
| #2 | -.00472 | .00087 | .00022 | .00004 | .02608  | -.00004 | .00356 |

Sample Name: CCB07      Acquired: 2/6/2018 18:19:36      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICSAB6545      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .00065 | .0003  | .00003 | F 5.9978 | F<00000 |
| Stddev | .00025 | .0019  | .00009 | .0835    | 1.3747  |
| %RSD   | 37.730 | 589.4  | 332.05 | 1.3930   | 729.20  |

|    |        |        |         |        |         |
|----|--------|--------|---------|--------|---------|
| #1 | .00048 | .0010  | .00009  | 6.0569 | -1.1606 |
| #2 | .00082 | -.0016 | -.00004 | 5.9388 | .78352  |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2481.6  | 54321.  | 5151.6  | 30.877 | 2945.3 |
| Stddev    | 72.2    | 175.    | 44.7    | 2.976  | 88.5   |
| %RSD      | 2.9110  | .32291  | .86704  | 3.6800 | 3.0038 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2532.7 | 54197. | 5120.0 | 82.982 | 3007.8 |
| #2 | 2430.6 | 54445. | 5183.2 | 78.773 | 2882.7 |

Sample Name: J1454-16      Acquired: 2/6/2018 18:23:45      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-10-EW(      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .45464 | .00521 | .0861  | .33333 | .08387 | 106.17 | 3.7519 |
| Stddev | .00434 | .00092 | .0101  | .00262 | .00018 | .44    | .0183  |
| %RSD   | .95364 | 17.675 | .11159 | .78714 | .20957 | .41242 | .48743 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .45771 | -.00456 | 9.0789 | .33147 | .08399 | 105.86 | 3.7390 |
| #2 | .45158 | -.00586 | 9.0933 | .33518 | .08375 | 106.47 | 3.7648 |

|        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .00426 | .12510 | 745.35 | 1.4816 | .20763 | 3.1943 | F 334.84 |
| Stddev | .00038 | .00121 | 2.64   | .0030  | .00109 | .0038  | 18.23    |
| %RSD   | 8.8356 | .96673 | .35402 | .20412 | .52353 | .11821 | 1.9505   |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00453 | .12595 | 743.49 | 1.4837 | .20686 | 3.1970 | 921.95 |
| #2 | .00399 | .12424 | 747.22 | 1.4794 | .20839 | 3.1916 | 947.74 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 14.566 | 33.550 | 1.0032 | .00417 | 2.0431 | .56022 | 4.7522 |
| Stddev | .047   | .475   | .0026  | .00218 | .0155  | .00084 | .0533  |
| %RSD   | .32295 | .56856 | .26211 | 52.196 | .75786 | .15022 | 1.1210 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 14.600 | 83.215 | 1.0013 | .00263 | 2.0322 | .55962 | 4.7145 |
| #2 | 14.533 | 83.886 | 1.0050 | .00571 | 2.0541 | .56081 | 4.7899 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.656 | .28378 | .48738 | 47.054 | 1.5313 | .99721 | 2.4900 |
| Stddev | .028   | .00029 | .01766 | .020   | .0049  | .00461 | .0138  |
| %RSD   | .26529 | .10377 | 3.6231 | .04152 | .32212 | .46221 | .55433 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.636 | .28398 | .47490 | 47.041 | 1.5348 | .99395 | 2.4802 |
| #2 | 10.676 | .28357 | .49987 | 47.068 | 1.5278 | 1.0005 | 2.4997 |

Sample Name: J1454-16      Acquired: 2/6/2018 18:23:45      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-10-EW(      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |          |
|-----------|---------|---------|---------|---------|----------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859   |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm      |
| Avg       | .16633  | 10.78   | 1.0863  | F<00000 | F.269.86 |
| Stddev    | .00106  | .01     | .0067   | .39278  | 1.39     |
| %RSD      | .63705  | .1142   | .61848  | .07907  | .51352   |
| #1        | .16708  | 10.77   | 1.0816  | -496.49 | 270.84   |
| #2        | .16558  | 10.79   | 1.0911  | -497.05 | 268.88   |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306   |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S    |
| Avg       | 2512.1  | 56287.  | 3049.3  | 75.461  | 2196.7   |
| Stddev    | 3.1     | 8.      | 5.5     | .965    | 5.9      |
| %RSD      | .12509  | .01482  | .09126  | 1.2794  | .26829   |
| #1        | 2514.3  | 56282.  | 6045.4  | 76.144  | 2200.9   |
| #2        | 2509.9  | 56293.  | 6053.2  | 74.778  | 2192.6   |

Sample Name: J1454-17      Acquired: 2/6/2018 18:27:44      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-10-EW(      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .74061 | .02015 | 3.9003 | .51259 | .06829 | 114.16 | 3.3640 |
| Stddev | .00411 | .00058 | .0121  | .00353 | .00337 | .79    | .0858  |
| %RSD   | .55430 | 2.9023 | .17520 | .68818 | 4.9354 | .69313 | 1.3482 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .73771 | .02056 | 6.8918 | .51509 | .06591 | 113.60 | 6.3034 |
| #2 | .74351 | .01974 | 6.9089 | .51010 | .07068 | 114.72 | 6.4247 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00622 | .05195 | 256.98 | 4.0246 | .27171 | 2.7338 | 1230.8 |
| Stddev | .00011 | .00080 | 3.53   | .0012  | .00070 | .0108  | 2.7    |
| %RSD   | 1.7615 | 1.5464 | 1.3728 | .03082 | .25667 | .39568 | .21631 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00630 | .05138 | 254.48 | 4.0237 | .27221 | 2.7262 | 1232.6 |
| #2 | .00614 | .05252 | 259.47 | 4.0254 | .27122 | 2.7415 | 1228.9 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.6916 | 36.185 | 3.0868 | .00924 | 2.2189 | .49208 | 3.9882 |
| Stddev | .0421  | .647   | .0069  | .00055 | .0193  | .00011 | .0655  |
| %RSD   | .43457 | 1.7880 | .22478 | 5.9389 | .86747 | .02268 | .72852 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 9.6618 | 35.727 | 3.0819 | -.00885 | 2.2053 | .49200 | 9.0345 |
| #2 | 9.7213 | 36.642 | 3.0917 | -.00963 | 2.2325 | .49216 | 8.9419 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.4694 | .74660 | 1.0528 | 33.450 | 1.6646 | .38651 | 2.4563 |
| Stddev | .1447  | .00251 | .0279  | .076   | .0084  | .00031 | .0310  |
| %RSD   | 1.5284 | .33635 | 2.6462 | .09056 | .50413 | .07979 | 1.2615 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.3671 | .74483 | 1.0724 | 83.396 | 1.6587 | .38673 | 2.4344 |
| #2 | 9.5718 | .74838 | 1.0331 | 83.503 | 1.6706 | .38629 | 2.4782 |

Sample Name: J1454-17      Acquired: 2/6/2018 18:27:44      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-10-EW(      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .20818 | 3.346  | 1.4376 | F<00000 | F.252.79 |
| Stddev | .00475 | .005   | .0179  | 3.0459  | .34      |
| %RSD   | 2.2798 | .0618  | 1.2418 | .63177  | .13390   |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .20483 | 8.350 | 1.4250 | -484.27 | 252.55 |
| #2 | .21154 | 8.342 | 1.4502 | -479.97 | 253.03 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | .2510.0 | 57134.  | 3093.4  | 75.615 | 2263.7 |
| Stddev    | 6.7     | 93.     | 72.3    | .554   | 2.5    |
| %RSD      | .26772  | .16309  | 1.1859  | .73260 | .11001 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2514.8 | 57199. | 6144.5 | 75.223 | 2265.5 |
| #2 | 2505.3 | 57068. | 6042.3 | 76.007 | 2262.0 |



Sample Name: J1454-18      Acquired: 2/6/2018 18:31:44      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SA-ST-LATERA      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|---------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961  | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .10032 | .00115 | .55603 | .09200 | .00462 | .234.22 | 1.6380 |
| Stddev | .00055 | .00006 | .02027 | .00557 | .00174 | 1.69    | .0144  |
| %RSD   | .55022 | 5.4321 | 3.6460 | 6.0539 | 37.674 | .72327  | .87799 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .09993 | .00111 | .54169 | .08806 | .00339 | 233.02 | 1.6279 |
| #2 | .10071 | .00120 | .57036 | .09594 | .00585 | 235.42 | 1.6482 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00862 | .01880 | 334.82 | .24486 | .20841 | .27096 | 492.59 |
| Stddev | .00001 | .00134 | 5.34   | .00134 | .00764 | .00863 | 9.90   |
| %RSD   | .08622 | 7.1367 | .63947 | .54647 | 3.6658 | 3.1851 | 2.0095 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00862 | .01785 | 831.04 | .24392 | .20300 | .26486 | 485.59 |
| #2 | .00861 | .01975 | 838.59 | .24581 | .21381 | .27706 | 499.59 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 13.313 | 327.49 | .47471 | .00060 | 2.0127 | .37010 | 1.8419 |
| Stddev | .025   | 2.58   | .01944 | .00041 | .0137  | .00228 | .0361  |
| %RSD   | .19059 | .78829 | 4.0950 | 68.583 | .67836 | .61483 | 1.9611 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 13.295 | 325.67 | .46096 | .00031 | 2.0031 | .36850 | 1.8164 |
| #2 | 13.331 | 329.32 | .48846 | .00089 | 2.0224 | .37171 | 1.8675 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 20.536 | .00030 | .24138 | 2.4031 | 3.4699 | .02282 | 1.9418 |
| Stddev | .112   | .00032 | .01877 | .0904  | .0097  | .00256 | .0199  |
| %RSD   | .54491 | 106.09 | 7.7778 | 3.7601 | .15010 | 11.210 | 1.0258 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 20.457 | .00053 | .22810 | 2.3392 | 6.4768 | .02101 | 1.9277 |
| #2 | 20.615 | .00008 | .25465 | 2.4670 | 6.4631 | .02463 | 1.9559 |

Sample Name: J1454-18      Acquired: 2/6/2018 18:31:44      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: SA-ST-LATERA      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .34417  | 13.34   | 1.0439  | F<00000 | F168.99 |
| Stddev    | .00302  | .53     | .0074   | .48273  | 3.60    |
| %RSD      | .87874  | 4.008   | .71206  | .10605  | 2.1276  |
| #1        | .34203  | 12.96   | 1.0387  | -454.84 | 166.44  |
| #2        | .34631  | 13.71   | 1.0492  | -455.52 | 171.53  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2744.3  | 31300.  | 3680.1  | 71.127  | 2110.9  |
| Stddev    | 58.3    | 50.     | 20.1    | .931    | 74.0    |
| %RSD      | 2.1262  | .08231  | .30076  | 1.3091  | 3.5078  |
| #1        | 2785.6  | 61265.  | 6694.3  | 71.785  | 2163.3  |
| #2        | 2703.1  | 61336.  | 6665.9  | 70.468  | 2058.6  |

Sample Name: J1454-19      Acquired: 2/6/2018 18:35:58      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SA-ST-LATERA      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .10220 | .00335 | .52695 | .21822 | .00776 | 262.39 | 1.9035 |
| Stddev | .00513 | .00229 | .00082 | .00143 | .00192 | 2.53   | .0151  |
| %RSD   | 5.0182 | 68.259 | .15546 | .65647 | 24.749 | .96360 | .79197 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10583 | .00497 | .52638 | .21720 | .00640 | 260.61 | 1.8928 |
| #2 | .09858 | .00173 | .52753 | .21923 | .00911 | 264.18 | 1.9142 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01033 | .01138 | 144.30 | .26795 | .23257 | .20326 | 581.44 |
| Stddev | .00010 | .00027 | .89    | .00181 | .00053 | .00031 | 2.62   |
| %RSD   | 1.0073 | 2.3633 | .61886 | .67452 | .22633 | .15300 | .44998 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01025 | .01157 | 143.67 | .26667 | .23294 | .20348 | 583.29 |
| #2 | .01040 | .01119 | 144.93 | .26922 | .23219 | .20304 | 579.59 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.1635 | 38.853 | .54768 | .00829 | 1.2300 | .38001 | 1.6184 |
| Stddev | .0020  | .677   | .00240 | .00060 | .0053  | .00037 | .0267  |
| %RSD   | .02770 | .76241 | .43830 | 7.2833 | .42786 | .09795 | 1.6464 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.1621 | 88.374 | .54598 | .00872 | 1.2263 | .37975 | 1.6372 |
| #2 | 7.1649 | 89.332 | .54938 | .00786 | 1.2337 | .38027 | 1.5996 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 18.435 | .00224 | .32855 | 1.9068 | 3.6531 | .01844 | 1.1532 |
| Stddev | .027   | .00006 | .00314 | .0109  | .0301  | .00093 | .0129  |
| %RSD   | .14901 | 2.8512 | .95567 | .57113 | .82514 | 5.0260 | 1.1156 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 18.415 | .00220 | .33077 | 1.9145 | 3.6318 | .01909 | 1.1441 |
| #2 | 18.454 | .00229 | .32633 | 1.8991 | 3.6744 | .01778 | 1.1623 |

Sample Name: J1454-19      Acquired: 2/6/2018 18:35:58      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: SA-ST-LATERA      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .30655 | .416   | .25627 | F<00000 | F185.92 |
| Stddev | .00202 | .024   | .00194 | 1.8594  | .80     |
| %RSD   | .66024 | .2491  | .75616 | .68612  | .43071  |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .30512 | 9.399 | .25490 | -269.68 | 185.36 |
| #2 | .30798 | 9.432 | .25764 | -272.31 | 186.49 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3450.4  | 75345.  | 7898.0  | 74.672 | 2405.7 |
| Stddev    | 10.8    | 210.    | 35.9    | 1.285  | 2.1    |
| %RSD      | .31327  | .27875  | .45471  | 1.7212 | .08920 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 3442.7 | 75196. | 7872.7 | 73.763 | 2404.1 |
| #2 | 3458.0 | 75493. | 7923.4 | 75.580 | 2407.2 |

Sample Name: J1454-20      Acquired: 2/6/2018 18:40:06      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: TP-03(6-WATE Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .09225 | .00081 | .70767 | .08401 | .00849 | 203.17 | 1.6496 |
| Stddev | .00385 | .00424 | .00267 | .00111 | .00437 | 1.75   | .0202  |
| %RSD   | 4.1761 | 523.04 | .37726 | 1.3216 | 51.466 | .86340 | 1.2229 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .09497 | -.00381 | .70955 | .08322 | .01158 | 201.93 | 1.6354 |
| #2 | .08952 | .00219  | .70578 | .08479 | .00540 | 204.41 | 1.6639 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00713 | .01336 | 713.36 | .24898 | .18155 | .23119 | 421.50 |
| Stddev | .00001 | .00055 | 2.57   | .00158 | .00070 | .00143 | 3.19   |
| %RSD   | .09383 | 4.1090 | .35972 | .63261 | .38812 | .61694 | .75583 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00713 | .01375 | 711.55 | .24786 | .18204 | .23220 | 419.25 |
| #2 | .00714 | .01297 | 715.18 | .25009 | .18105 | .23018 | 423.75 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.8290 | 268.06 | .41335 | .00030 | 2.6230 | .34568 | 1.5584 |
| Stddev | .0191  | 3.56   | .00182 | .00045 | .0412  | .00120 | .0047  |
| %RSD   | .27921 | 1.3284 | .43914 | 150.97 | 1.5700 | .34830 | .30343 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 6.8155 | 265.55 | .41464 | .00002  | 2.5938 | .34483 | 1.5550 |
| #2 | 6.8424 | 270.58 | .41207 | -.00062 | 2.6521 | .34653 | 1.5617 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 23.637 | .00729 | .23562 | 3.6285 | 5.0256 | .03653 | 1.7742 |
| Stddev | .319   | .00066 | .00059 | .0032  | .0124  | .00328 | .0303  |
| %RSD   | 1.3501 | 9.0770 | .24998 | .08858 | .24659 | 8.9881 | 1.7083 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.412 | .00682 | .23604 | 3.6308 | 5.0168 | .03421 | 1.7528 |
| #2 | 23.863 | .00776 | .23521 | 3.6262 | 5.0344 | .03885 | 1.7957 |

Sample Name: J1454-20      Acquired: 2/6/2018 18:40:06      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: TP-03(6-WATE Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .33730  | 12.28   | 1.1913  | F<00000 | F152.14 |
| Stddev    | .00733  | .03     | .0156   | 2.5018  | 2.34    |
| %RSD      | 2.1718  | .2438   | 1.3115  | .71221  | 1.5404  |
| #1        | .33212  | 12.31   | 1.1802  | -349.50 | 153.79  |
| #2        | .34248  | 12.26   | 1.2023  | -353.04 | 150.48  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2742.5  | 30574.  | 3545.1  | 72.780  | 2232.1  |
| Stddev    | 3.7     | 16.     | 48.5    | .110    | 7.3     |
| %RSD      | .13524  | .02649  | .74038  | .15057  | .32823  |
| #1        | 2739.9  | 60585.  | 6579.4  | 72.858  | 2226.9  |
| #2        | 2745.1  | 60563.  | 6510.8  | 72.703  | 2237.2  |

Sample Name: J1456-01DLX10      Acquired: 2/6/2018 18:44:18      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-9-WW(1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02352 | .00224 | .43233 | .02335 | .00280 | 10.571 | .41420 |
| Stddev | .00124 | .00049 | .00163 | .00041 | .00117 | .099   | .00459 |
| %RSD   | 5.2858 | 21.808 | .37785 | 1.7564 | 41.723 | .93917 | 1.1070 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02440 | .00189 | .43348 | .02364 | .00362 | 10.501 | .41096 |
| #2 | .02264 | .00258 | .43117 | .02306 | .00197 | 10.641 | .41744 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00010 | .00098 | 151.01 | .24446 | .02055 | .47724 | 112.10 |
| Stddev | .00013 | .00005 | 1.60   | .00078 | .00012 | .00048 | 1.06   |
| %RSD   | 128.85 | 4.6370 | 1.0611 | .31816 | .57673 | .09969 | .94570 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00001 | .00101 | 149.87 | .24501 | .02063 | .47757 | 111.35 |
| #2 | -.00020 | .00095 | 152.14 | .24391 | .02047 | .47690 | 112.85 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1852 | 27.241 | .14512 | .00248 | .26047 | .04181 | .43738 |
| Stddev | .0097  | .500   | .00115 | .00062 | .00886 | .00099 | .00025 |
| %RSD   | .44382 | 1.8350 | .79195 | 24.878 | 3.4017 | 2.3581 | .05682 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 2.1920 | 26.887 | .14593 | -.00204 | .26673 | .04251 | .43755 |
| #2 | 2.1783 | 27.594 | .14430 | -.00291 | .25420 | .04112 | .43720 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.8702 | .05670 | .08559 | 2.1721 | 2.4274 | .03090 | .29688 |
| Stddev | .0037  | .00033 | .00084 | .0082  | .0188  | .00131 | .00060 |
| %RSD   | .19859 | .58914 | .98391 | .37573 | .77489 | 4.2434 | .20196 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.8728 | .05646 | .08619 | 2.1663 | 2.4141 | .02998 | .29730 |
| #2 | 1.8676 | .05694 | .08500 | 2.1778 | 2.4407 | .03183 | .29645 |

Sample Name: J1456-01DLX10      Acquired: 2/6/2018 18:44:18      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-9-WW(1 Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |        |
|-----------|---------|---------|---------|---------|--------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859 |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm    |
| Avg       | .02331  | .6407   | .18049  | F<00000 | 59.073 |
| Stddev    | .00022  | .0015   | .00165  | .12850  | 1.394  |
| %RSD      | .94838  | .2297   | .91161  | .24803  | 2.3601 |
| #1        | .02346  | .6396   | .17933  | -51.717 | 60.059 |
| #2        | .02315  | .6417   | .18166  | -51.899 | 58.087 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S  |
| Avg       | 2393.8  | 52800.  | 5289.0  | 79.085  | 2676.9 |
| Stddev    | 5.1     | 94.     | 1.5     | .196    | 6.3    |
| %RSD      | .21104  | .17755  | .02864  | .24752  | .23462 |
| #1        | 2390.2  | 52734.  | 5290.0  | 78.946  | 2672.4 |
| #2        | 2397.4  | 52866.  | 5287.9  | 79.223  | 2681.3 |



Sample Name: J1456-01DUPDLX10      Acquired: 2/6/2018 18:48:21      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICSA6543      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02242 | .00057 | .43175 | .02511 | .00068 | 10.695 | .41695 |
| Stddev | .00239 | .00116 | .00126 | .00398 | .00159 | .080   | .00301 |
| %RSD   | 10.673 | 203.82 | .29295 | 15.829 | 234.42 | .74481 | .72255 |

|    |        |         |        |        |         |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|
| #1 | .02412 | -.00139 | .43265 | .02792 | .00180  | 10.639 | .41482 |
| #2 | .02073 | .00025  | .43086 | .02230 | -.00044 | 10.752 | .41908 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .00123 | 151.70 | .24216 | .02034 | .47539 | 109.14 |
| Stddev | .00004 | .00029 | 1.43   | .00074 | .00036 | .00209 | .98    |
| %RSD   | 75.509 | 23.638 | .94312 | .30499 | 1.7637 | .44000 | .89369 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00003 | .00144 | 150.69 | .24268 | .02009 | .47687 | 108.45 |
| #2 | .00009 | .00102 | 152.71 | .24164 | .02060 | .47391 | 109.83 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1901 | 27.108 | .14473 | .00243 | .24257 | .04248 | .43014 |
| Stddev | .0004  | .316   | .00027 | .00050 | .01604 | .00061 | .00037 |
| %RSD   | .01710 | 1.1672 | .18607 | 20.722 | 6.6125 | 1.4282 | .08561 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 2.1899 | 26.884 | .14453 | -.00207 | .23123 | .04205 | .42988 |
| #2 | 2.1904 | 27.332 | .14492 | -.00279 | .25391 | .04291 | .43040 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.8607 | .05639 | .08117 | 2.1786 | 2.3813 | .03120 | .29819 |
| Stddev | .0180  | .00006 | .00717 | .0074  | .0156  | .00286 | .00794 |
| %RSD   | .96447 | .10896 | 8.8286 | .34170 | .65529 | 9.1599 | 2.6615 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.8480 | .05643 | .08623 | 2.1838 | 2.3702 | .02918 | .29258 |
| #2 | 1.8734 | .05635 | .07610 | 2.1733 | 2.3923 | .03322 | .30380 |

Sample Name: J1456-01DUPDLX10      Acquired: 2/6/2018 18:48:21      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICSA6543      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |        |
|-----------|---------|---------|---------|---------|--------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859 |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm    |
| Avg       | .02442  | .6435   | .18032  | F<00000 | 31.740 |
| Stddev    | .00094  | .0027   | .00131  | .34199  | .570   |
| %RSD      | 3.8504  | .4130   | .72487  | .64726  | .92339 |
| #1        | .02375  | .6416   | .17939  | -53.078 | 62.143 |
| #2        | .02508  | .6453   | .18124  | -52.595 | 61.337 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S  |
| Avg       | 2411.0  | 52556.  | 5253.0  | 30.755  | 2692.6 |
| Stddev    | 18.3    | 1.      | 12.3    | .240    | 10.6   |
| %RSD      | .76085  | .00283  | .23475  | .29748  | .39261 |
| #1        | 2398.1  | 52555.  | 5261.8  | 80.585  | 2685.1 |
| #2        | 2424.0  | 52557.  | 5244.3  | 80.925  | 2700.0 |

Sample Name: J1456-01LDLX50      Acquired: 2/6/2018 18:52:25      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00238 | .00069 | .08277 | .00193 | .00226 | 1.9209 | .08013 |
| Stddev | .00297 | .00002 | .00170 | .00055 | .00115 | .0167  | .00115 |
| %RSD   | 124.56 | 3.5522 | 2.0592 | 28.656 | 50.792 | .86846 | 1.4298 |

|    |        |        |        |        |         |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|
| #1 | .00448 | .00067 | .08156 | .00154 | -.00307 | 1.9091 | .07932 |
| #2 | .00028 | .00071 | .08397 | .00232 | -.00145 | 1.9327 | .08094 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | .00005 | 30.011 | .04840 | .00405 | .09606 | 22.034 |
| Stddev | .00002 | .00011 | .300   | .00004 | .00015 | .00030 | .233   |
| %RSD   | 38.557 | 199.03 | .99913 | .09128 | 3.7646 | .30773 | 1.0566 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .00006 | .00002  | 29.799 | .04843 | .00395 | .09627 | 21.870 |
| #2 | .00003 | -.00013 | 30.223 | .04837 | .00416 | .09585 | 22.199 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .44124 | 5.4976 | .02804 | .00082 | .00500 | .00825 | .08665 |
| Stddev | .00046 | .0620  | .00047 | .00088 | .00030 | .00015 | .00082 |
| %RSD   | .10367 | 1.1270 | 1.6732 | 106.91 | 5.8960 | 1.8634 | .95090 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .44092 | 5.4538 | .02838 | -.00020 | .00480 | .00836 | .08607 |
| #2 | .44157 | 5.5414 | .02771 | -.00145 | .00521 | .00814 | .08724 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .30856 | .01068 | .01388 | .39290 | .13652 | .00433 | .05110 |
| Stddev | .01997 | .00027 | .00204 | .00349 | .00687 | .00172 | .00136 |
| %RSD   | 6.4726 | 2.4938 | 14.706 | .88849 | 5.0321 | 39.780 | 2.6544 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .32268 | .01087 | .01533 | .39043 | .14138 | .00311 | .05014 |
| #2 | .29444 | .01049 | .01244 | .39537 | .13166 | .00555 | .05206 |

Sample Name: J1456-01LDLX50      Acquired: 2/6/2018 18:52:25      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .00384 | .1166  | .03520 | F<00000 | 12.214 |
| Stddev | .00035 | .0004  | .00022 | .68001  | 2.086  |
| %RSD   | 9.0431 | .3101  | .61444 | 16.639  | 17.081 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .00359 | .1164 | .03505 | -3.6060 | 13.689 |
| #2 | .00408 | .1169 | .03536 | -4.5677 | 10.739 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2476.3  | 53978.  | 5237.3  | 30.586 | 2902.1 |
| Stddev    | 6.1     | 120.    | 15.3    | .688   | 4.5    |
| %RSD      | .24523  | .22141  | .29157  | .85352 | .15413 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2472.0 | 53893. | 5248.1 | 81.073 | 2899.0 |
| #2 | 2480.6 | 54062. | 5226.5 | 80.100 | 2905.3 |

Sample Name: J1456-02DLX10      Acquired: 2/6/2018 18:56:32      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: J1456-01MS      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .09843 | .18787 | .50446 | .21331 | .07810 | .6897  | .40938 |
| Stddev | .00153 | .00095 | .00011 | .00085 | .00153 | .1095  | .00177 |
| %RSD   | 1.5501 | .50779 | .02265 | .39646 | 1.9536 | 1.1305 | .43234 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .09951 | .18854 | .50454 | .21391 | .07702 | 9.6123 | .40813 |
| #2 | .09735 | .18719 | .50438 | .21271 | .07918 | 9.7672 | .41063 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01884 | .01925 | 142.90 | .27046 | .03840 | .48389 | 107.48 |
| Stddev | .00007 | .00006 | 1.29   | .00080 | .00011 | .00118 | 1.71   |
| %RSD   | .39630 | .31740 | .90075 | .29715 | .28820 | .24379 | 1.5904 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01889 | .01929 | 141.99 | .26990 | .03832 | .48472 | 106.28 |
| #2 | .01878 | .01921 | 143.81 | .27103 | .03848 | .48305 | 108.69 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1034 | 26.160 | .18401 | .00405 | .50893 | .06711 | .44067 |
| Stddev | .0019  | .350   | .00035 | .00006 | .00068 | .00035 | .00307 |
| %RSD   | .09153 | 1.3362 | .19156 | 1.5959 | .13433 | .52300 | .69587 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1047 | 25.913 | .18376 | .00410 | .50941 | .06736 | .43850 |
| #2 | 2.1020 | 26.407 | .18426 | .00401 | .50844 | .06686 | .44284 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.5280 | .09204 | .10639 | 2.0238 | .69656 | .09324 | .26487 |
| Stddev | .0032  | .00036 | .00959 | .0019  | .02465 | .00159 | .00085 |
| %RSD   | .12565 | .39309 | 9.0111 | .09407 | 3.5385 | 1.7047 | .32121 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.5302 | .09229 | .09961 | 2.0225 | .71399 | .09212 | .26427 |
| #2 | 2.5257 | .09178 | .11317 | 2.0252 | .67913 | .09436 | .26547 |

Sample Name: J1456-02DLX10      Acquired: 2/6/2018 18:56:32      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: J1456-01MS      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .04214 | 1.179  | .18781 | F<00000 | 55.821 |
| Stddev | .00086 | .004   | .00217 | .23666  | 2.483  |
| %RSD   | 2.0360 | .3445  | 1.1535 | .49474  | 4.4473 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .04153 | 1.182 | .18627 | -47.668 | 57.577 |
| #2 | .04275 | 1.176 | .18934 | -48.003 | 54.066 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2413.4  | 53096.  | 5278.1  | 78.776 | 2702.0 |
| Stddev    | 7.0     | 186.    | 13.8    | .386   | 4.1    |
| %RSD      | .29106  | .34968  | .26095  | .48983 | .15220 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2408.4 | 52965. | 5268.3 | 79.049 | 2699.1 |
| #2 | 2418.3 | 53228. | 5287.8 | 78.503 | 2704.9 |

Sample Name: J1456-03DLX10      Acquired: 2/6/2018 19:00:35      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: J1456-01MSD      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .09887 | .19016 | .50455 | .21017 | .07525 | .6495  | .40451 |
| Stddev | .00231 | .00268 | .00477 | .00661 | .00117 | .1108  | .00562 |
| %RSD   | 2.3326 | 1.4069 | .94555 | 3.1455 | 1.5529 | 1.1481 | 1.3906 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .09724 | .18827 | .50118 | .20549 | .07607 | 9.5712 | .40053 |
| #2 | .10050 | .19205 | .50792 | .21484 | .07442 | 9.7278 | .40849 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01867 | .01913 | 141.05 | .26758 | .03822 | .48576 | 107.48 |
| Stddev | .00013 | .00027 | 1.46   | .00057 | .00030 | .00464 | 2.67   |
| %RSD   | .68606 | 1.4286 | 1.0346 | .21204 | .78303 | .95520 | 2.4805 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01858 | .01894 | 140.02 | .26798 | .03801 | .48248 | 105.60 |
| #2 | .01876 | .01932 | 142.09 | .26718 | .03843 | .48904 | 109.37 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0880 | 25.789 | .18425 | .00403 | .50221 | .06660 | .43884 |
| Stddev | .0028  | .174   | .00136 | .00054 | .01283 | .00048 | .00804 |
| %RSD   | .13585 | .67650 | .73947 | 13.321 | 2.5541 | .72242 | 1.8316 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0860 | 25.665 | .18329 | .00365 | .49314 | .06694 | .43316 |
| #2 | 2.0900 | 25.912 | .18521 | .00441 | .51128 | .06626 | .44453 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4591 | .09229 | .10983 | 2.0303 | .66362 | .09357 | .26161 |
| Stddev | .0040  | .00101 | .01255 | .0246  | .02247 | .00151 | .00225 |
| %RSD   | .16414 | 1.0984 | 11.430 | 1.2140 | 3.3867 | 1.6168 | .86059 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4562 | .09157 | .10096 | 2.0129 | .67951 | .09250 | .26002 |
| #2 | 2.4619 | .09301 | .11871 | 2.0477 | .64772 | .09464 | .26321 |

Sample Name: J1456-03DLX10      Acquired: 2/6/2018 19:00:35      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: J1456-01MSD      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .03994 | 1.177  | .18698 | F<00000 | 57.881 |
| Stddev | .00088 | .015   | .00169 | .33653  | 1.767  |
| %RSD   | 2.2112 | 1.294  | .90533 | .71098  | 3.0524 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .03932 | 1.166 | .18578 | -47.572 | 56.632 |
| #2 | .04057 | 1.187 | .18818 | -47.096 | 59.130 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2404.7  | 53298.  | 5349.7  | 78.905 | 2690.8 |
| Stddev    | 13.4    | 131.    | 14.1    | .983   | 20.2   |
| %RSD      | .55869  | .24666  | .26405  | 1.2457 | .75025 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2414.2 | 53391. | 5359.7 | 79.600 | 2705.1 |
| #2 | 2395.2 | 53205. | 5339.8 | 78.210 | 2676.5 |



Sample Name: CCV08      Acquired: 2/6/2018 19:04:37      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9802 | 4.8784 | 4.9222 | 4.8857 | 5.0160 | 3.8981 | 10.261 | 2.4772 |
| Stddev | .0016  | .0037  | .0027  | .0027  | .0121  | .0015  | .042   | .00014 |
| %RSD   | .03138 | .07525 | .05387 | .05470 | .24184 | .01485 | .40847 | .05491 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9813 | 4.8758 | 4.9203 | 4.8839 | 5.0245 | 9.8991 | 10.231 | 2.4762 |
| #2 | 4.9791 | 4.8810 | 4.9241 | 4.8876 | 5.0074 | 9.8971 | 10.290 | 2.4782 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4353 | 25.053 | .95515 | 2.4577 | 1.2487 | 5.1049 | 2.4973 | 25.385 |
| Stddev | .0020  | .018   | .00215 | .0012  | .0005  | .0797  | .0005  | .298   |
| %RSD   | .08362 | .07070 | .22551 | .05004 | .03927 | 1.5606 | .02072 | 1.1759 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4338 | 25.040 | .95362 | 2.4568 | 1.2490 | 5.1613 | 2.4976 | 25.174 |
| #2 | 2.4367 | 25.065 | .95667 | 2.4585 | 1.2484 | 5.0486 | 2.4969 | 25.596 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4151 | 1.2119 | 24.626 | 2.4774 | 2.5790 | 25.708 | 5.1072 | 5.2156 |
| Stddev | .0077  | .0029  | .130   | .0036  | .0354  | .202   | .0034  | .0372  |
| %RSD   | .31817 | .24015 | .52971 | .14350 | 1.3733 | .78587 | .06640 | .71292 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4097 | 1.2140 | 24.533 | 2.4799 | 2.6040 | 25.565 | 5.1048 | 5.1893 |
| #2 | 2.4206 | 1.2099 | 24.718 | 2.4748 | 2.5539 | 25.851 | 5.1096 | 5.2419 |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 4.8692 | 4.9416 | 4.9203 | 5.0199 | 5.1005 | 4.758  | 4.9939 | F 3.8314 |
| Stddev | .0141  | .0549  | .0085  | .0246  | .0112  | .008   | .0369  | .0198    |
| %RSD   | .29022 | 1.1101 | .17275 | .48929 | .21962 | .1651  | .73877 | .51775   |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 4.8792 | 4.9028 | 4.9263 | 5.0025 | 5.0926 | 4.764 | 5.0200 | 3.8454 |
| #2 | 4.8592 | 4.9804 | 4.9143 | 5.0372 | 5.1084 | 4.753 | 4.9678 | 3.8174 |

Sample Name: CCV08      Acquired: 2/6/2018 19:04:37      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      F 3.0708  
Stddev      .0114  
%RSD      .37050

#1      3.0627  
#2      3.0788

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2431.0  | 52849.  | 5191.3  | 78.916 | 2755.3 |
| Stddev    | 2.3     | 38.     | 29.8    | 1.173  | 1.1    |
| %RSD      | .09522  | .07237  | .57443  | 1.4863 | .03968 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2429.3 | 52822. | 5212.4 | 78.086 | 2754.5 |
| #2 | 2432.6 | 52876. | 5170.2 | 79.745 | 2756.1 |

Sample Name: CCB08      Acquired: 2/6/2018 19:08:31      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00036 | .00021 | .00031 | .00262 | .00119 | .00192 | .00139 |
| Stddev | .00105 | .00044 | .00062 | .00203 | .00189 | .00175 | .00032 |
| %RSD   | 294.20 | 208.06 | 199.63 | 77.589 | 158.46 | 90.881 | 22.785 |

|    |         |         |         |         |         |        |        |
|----|---------|---------|---------|---------|---------|--------|--------|
| #1 | -.00110 | -.00010 | -.00074 | -.00406 | .00014  | .00316 | .00162 |
| #2 | .00039  | .00052  | .00013  | -.00118 | -.00252 | .00069 | .00117 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .00012 | .02057 | .00006 | .00024 | .00008 | .00039 |
| Stddev | .00005 | .00001 | .00484 | .00030 | .00038 | .00047 | .00102 |
| %RSD   | 72.587 | 7.4259 | 23.539 | 535.84 | 156.21 | 618.25 | 262.96 |

|    |        |        |        |         |         |         |         |
|----|--------|--------|--------|---------|---------|---------|---------|
| #1 | .00004 | .00012 | .02399 | .00027  | .00051  | .00041  | -.00033 |
| #2 | .00011 | .00013 | .01715 | -.00016 | -.00003 | -.00026 | .00110  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00017 | .05766 | .00003 | .00019 | .05452 | .00025 | .00022 |
| Stddev | .00006 | .01598 | .00023 | .00062 | .01464 | .00029 | .00005 |
| %RSD   | 37.383 | 27.709 | 735.10 | 320.15 | 26.863 | 114.20 | 21.799 |

|    |        |        |         |         |         |        |         |
|----|--------|--------|---------|---------|---------|--------|---------|
| #1 | .00022 | .06896 | -.00020 | .00063  | -.06487 | .00046 | -.00018 |
| #2 | .00013 | .04636 | .00013  | -.00024 | -.04416 | .00005 | -.00025 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01107 | .00266 | .00225 | .00104 | .00753 | .00033 | .00170 |
| Stddev | .02379 | .00058 | .01275 | .00159 | .01137 | .00077 | .00047 |
| %RSD   | 214.97 | 21.649 | 566.00 | 153.09 | 150.96 | 230.06 | 27.857 |

|    |         |        |         |         |         |         |        |
|----|---------|--------|---------|---------|---------|---------|--------|
| #1 | .00576  | .00307 | .01127  | -.00217 | .01558  | -.00087 | .00137 |
| #2 | -.02789 | .00225 | -.00676 | .00009  | -.00051 | .00021  | .00204 |

Sample Name: CCB08      Acquired: 2/6/2018 19:08:31      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .00044 | .0020  | .00047 | F 3.6615 | F<00000 |
| Stddev | .00073 | .0022  | .00015 | 1.8869   | .49494  |
| %RSD   | 164.11 | 106.7  | 32.953 | 51.533   | 60.600  |

|    |         |        |        |        |         |
|----|---------|--------|--------|--------|---------|
| #1 | .00007  | -.0036 | .00058 | 2.3273 | -.46676 |
| #2 | -.00096 | -.0005 | .00036 | 4.9957 | -1.1667 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2520.9  | 57761.  | 5194.2  | 30.900 | 2999.5 |
| Stddev    | 2.4     | 3824.   | 1.5     | .006   | 3.3    |
| %RSD      | .09714  | 6.6209  | .02952  | .00795 | .10921 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2519.2 | 60465. | 5195.3 | 80.905 | 2997.2 |
| #2 | 2522.7 | 55057. | 5193.1 | 80.895 | 3001.8 |

Sample Name: J1456-01ADLX10      Acquired: 2/6/2018 19:12:40      Type: Unk

Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000

User: JASWAL/BINHE      Custom ID1: CCV12510      Custom ID2:      Custom ID3:

Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .09973 | .18534 | .49788 | .20757 | .07457 | .6287  | .39952 |
| Stddev | .00103 | .00017 | .00333 | .00058 | .00067 | .1150  | .00406 |
| %RSD   | 1.0355 | .09117 | .66970 | .27977 | .90505 | 1.1946 | 1.0161 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .09900 | .18546 | .49552 | .20716 | .07409 | 9.5474 | .39665 |
| #2 | .10046 | .18522 | .50024 | .20798 | .07504 | 9.7101 | .40239 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01872 | .01902 | 140.63 | .26948 | .03785 | .47669 | 106.01 |
| Stddev | .00003 | .00029 | 1.92   | .00045 | .00009 | .00314 | 2.90   |
| %RSD   | .17875 | 1.5432 | 1.3672 | .16666 | .22503 | .65841 | 2.7320 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01875 | .01923 | 139.27 | .26916 | .03779 | .47891 | 103.96 |
| #2 | .01870 | .01882 | 141.99 | .26980 | .03791 | .47447 | 108.06 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0921 | 25.679 | .18213 | .00355 | .49544 | .06762 | .44146 |
| Stddev | .0048  | .230   | .00038 | .00083 | .02433 | .00006 | .00837 |
| %RSD   | .22985 | .89374 | .20740 | 23.302 | 4.9103 | .08247 | 1.8954 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0887 | 25.517 | .18186 | .00296 | .47824 | .06758 | .43555 |
| #2 | 2.0955 | 25.841 | .18240 | .00413 | .51264 | .06766 | .44738 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4584 | .09113 | .11687 | 1.9911 | .61526 | .09178 | .25900 |
| Stddev | .0109  | .00054 | .00252 | .0029  | .03724 | .00029 | .00368 |
| %RSD   | .44488 | .59723 | 2.1590 | .14645 | 6.0522 | .31914 | 1.4220 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4507 | .09151 | .11865 | 1.9932 | .64159 | .09157 | .25640 |
| #2 | 2.4662 | .09074 | .11509 | 1.9891 | .58893 | .09199 | .26161 |

Sample Name: J1456-01ADLX10      Acquired: 2/6/2018 19:12:40      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV12510      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .04143 | 1.160  | .18395 | F<00000 | 53.243 |
| Stddev | .00085 | .000   | .00127 | .19136  | 3.732  |
| %RSD   | 2.0463 | .0262  | .68961 | .39554  | 7.0091 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .04203 | 1.161 | .18306 | -48.514 | 55.881 |
| #2 | .04083 | 1.160 | .18485 | -48.244 | 50.604 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2436.1  | 52670.  | 5280.9  | 78.056 | 2717.1 |
| Stddev    | 8.5     | 17.     | 10.3    | 1.300  | 7.9    |
| %RSD      | .34761  | .03197  | .19544  | 1.6658 | .29025 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2430.2 | 52682. | 5288.2 | 78.975 | 2711.5 |
| #2 | 2442.1 | 52658. | 5273.6 | 77.136 | 2722.6 |

Sample Name: J1454-01DLX10      Acquired: 2/6/2018 19:16:44      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02187 | .00081 | .37427 | .03211 | .00503 | 11.347 | .23732 |
| Stddev | .00201 | .00017 | .00336 | .00070 | .00397 | .804   | .00655 |
| %RSD   | 9.1981 | 21.514 | .89657 | 2.1715 | 78.976 | 7.0882 | 2.7596 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .02044 | -.00093 | .37664 | .03162 | .00784 | 10.778 | .23269 |
| #2 | .02329 | -.00069 | .37190 | .03261 | .00222 | 11.916 | .24195 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00066 | .00081 | 96.355 | .17596 | .01385 | .26205 | 108.61 |
| Stddev | .00004 | .00052 | 2.624  | .01272 | .00026 | .00130 | 3.49   |
| %RSD   | 5.4439 | 64.816 | 2.7237 | 7.2281 | 1.8643 | .49613 | 3.2111 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00063 | .00118 | 94.499 | .16697 | .01404 | .26297 | 106.15 |
| #2 | .00068 | .00044 | 98.211 | .18495 | .01367 | .26113 | 111.08 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.3172 | 21.258 | .08392 | .00276 | .37990 | .08457 | .33109 |
| Stddev | .5770  | .504   | .00021 | .00070 | .01306 | .00587 | .00575 |
| %RSD   | 6.1931 | 2.3729 | .25356 | 25.231 | 3.4387 | 6.9370 | 1.7370 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 8.9091 | 20.901 | .08377 | -.00227 | .37067 | .08042 | .32703 |
| #2 | 9.7252 | 21.614 | .08407 | -.00325 | .38914 | .08871 | .33516 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.4028 | .01387 | .08480 | 2.0473 | .29780 | .02806 | .58457 |
| Stddev | .0001  | .00020 | .00487 | .0051  | .03702 | .00065 | .01201 |
| %RSD   | .00973 | 1.4426 | 5.7480 | .24691 | 12.431 | 2.3299 | 2.0543 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.4029 | .01372 | .08135 | 2.0509 | .32398 | .02852 | .57607 |
| #2 | 1.4027 | .01401 | .08824 | 2.0437 | .27163 | .02759 | .59306 |

Sample Name: J1454-01DLX10      Acquired: 2/6/2018 19:16:44      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |        |
|-----------|---------|---------|---------|---------|--------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859 |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm    |
| Avg       | .02026  | 1.584   | .11982  | F<00000 | 59.029 |
| Stddev    | .00119  | .003    | .00295  | 1.1550  | 5.158  |
| %RSD      | 5.8522  | .1746   | 2.4615  | 2.7002  | 8.7375 |
| #1        | .01942  | 1.586   | .11774  | -43.592 | 55.382 |
| #2        | .02110  | 1.582   | .12191  | -41.958 | 62.676 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S  |
| Avg       | 2485.4  | 51228.  | 5362.7  | 31.109  | 2771.7 |
| Stddev    | 10.8    | 2923.   | 76.1    | 1.472   | 7.1    |
| %RSD      | .43278  | 5.7058  | 1.4191  | 1.8150  | .25718 |
| #1        | 2477.8  | 53295.  | 5416.5  | 82.150  | 2766.6 |
| #2        | 2493.0  | 49161.  | 5308.9  | 80.068  | 2776.7 |



Sample Name: J1454-01DUPDLX10      Acquired: 2/6/2018 19:20:53      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02339 | .00153 | .37728 | .02950 | .00702 | 10.877 | .23852 |
| Stddev | .00197 | .00044 | .00156 | .00087 | .00194 | .041   | .00724 |
| %RSD   | 8.4017 | 28.496 | .41371 | 2.9431 | 27.596 | .37957 | 3.0359 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02478 | .00123 | .37617 | .02889 | .00565 | 10.907 | .24364 |
| #2 | .02200 | .00184 | .37838 | .03012 | .00839 | 10.848 | .23340 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00046 | .00095 | 96.739 | .16852 | .01354 | .26316 | 107.89 |
| Stddev | .00004 | .00004 | 2.152  | .00120 | .00019 | .00020 | .11    |
| %RSD   | 8.0753 | 3.8587 | 2.2242 | .71339 | 1.4005 | .07753 | .09866 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00043 | .00093 | 98.261 | .16937 | .01367 | .26302 | 107.97 |
| #2 | .00049 | .00098 | 95.218 | .16767 | .01341 | .26330 | 107.82 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.9630 | 21.268 | .08308 | .00335 | .36671 | .08116 | .33067 |
| Stddev | .0760  | .380   | .00005 | .00012 | .00460 | .00017 | .00039 |
| %RSD   | .84767 | 1.7869 | .05913 | 3.5215 | 1.2548 | .20591 | .11779 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 8.9092 | 21.537 | .08312 | -.00327 | .36996 | .08104 | .33094 |
| #2 | 9.0167 | 20.999 | .08305 | -.00344 | .36345 | .08127 | .33039 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.4242 | .01402 | .09257 | 2.0419 | .27612 | .02893 | .58090 |
| Stddev | .0279  | .00045 | .00326 | .0027  | .02543 | .00007 | .01309 |
| %RSD   | 1.9576 | 3.2204 | 3.5213 | .13315 | 9.2112 | .22782 | 2.2527 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.4045 | .01434 | .09027 | 2.0400 | .25813 | .02898 | .59015 |
| #2 | 1.4439 | .01370 | .09488 | 2.0438 | .29410 | .02888 | .57164 |

Sample Name: J1454-01DUPDLX10      Acquired: 2/6/2018 19:20:53      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .01906 | 1.579  | .12031 | F<00000 | 56.552 |
| Stddev | .00088 | .005   | .00261 | 1.6075  | 1.368  |
| %RSD   | 4.6020 | .3237  | 2.1735 | 3.5693  | 2.4183 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .01968 | 1.575 | .12216 | -46.174 | 55.585 |
| #2 | .01844 | 1.582 | .11846 | -43.901 | 57.519 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2478.4  | 53157.  | 5330.3  | 31.049 | 2768.2 |
| Stddev    | 8.9     | 5.      | 106.8   | .141   | 2.2    |
| %RSD      | .36008  | .01027  | 2.0032  | .17435 | .07989 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2472.1 | 53161. | 5254.8 | 80.949 | 2766.6 |
| #2 | 2484.7 | 53153. | 5405.8 | 81.149 | 2769.8 |

Sample Name: J1454-01LDLX50      Acquired: 2/6/2018 19:25:02      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00615 | .00101 | .07328 | .00566 | .00161 | 2.1419 | .05043 |
| Stddev | .00203 | .00015 | .00029 | .00408 | .00088 | .0288  | .00133 |
| %RSD   | 33.069 | 15.021 | .39291 | 72.165 | 54.509 | 1.3456 | 2.6347 |

|    |        |        |        |        |         |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|
| #1 | .00471 | .00090 | .07308 | .00855 | -.00223 | 2.1623 | .04949 |
| #2 | .00759 | .00112 | .07349 | .00277 | -.00099 | 2.1215 | .05137 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00014 | .00005 | 20.125 | .03444 | .00295 | .05508 | 23.054 |
| Stddev | .00003 | .00002 | .124   | .00096 | .00007 | .00018 | .594   |
| %RSD   | 18.421 | 46.416 | .61714 | 2.7814 | 2.3254 | .31837 | 2.5747 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .00016 | -.00003 | 20.037 | .03512 | .00299 | .05521 | 22.634 |
| #2 | .00012 | -.00007 | 20.212 | .03377 | .00290 | .05496 | 23.474 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9577 | 4.4284 | .01690 | .00109 | .03402 | .01629 | .07023 |
| Stddev | .0653  | .0538  | .00008 | .00008 | .00752 | .00016 | .00104 |
| %RSD   | 3.3348 | 1.2143 | .45491 | 6.9253 | 22.116 | .97323 | 1.4745 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 2.0038 | 4.3904 | .01695 | -.00114 | .03934 | .01618 | .06949 |
| #2 | 1.9115 | 4.4664 | .01684 | -.00103 | .02870 | .01641 | .07096 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .31086 | .00292 | .01331 | .37814 | .06790 | .00400 | .12669 |
| Stddev | .00213 | .00012 | .01120 | .00530 | .00606 | .00040 | .00084 |
| %RSD   | .68548 | 4.0347 | 84.147 | 1.4004 | 8.9222 | 10.099 | .66031 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .30936 | .00300 | .02123 | .38189 | .07218 | .00429 | .12728 |
| #2 | .31237 | .00284 | .00539 | .37440 | .06361 | .00372 | .12609 |

Sample Name: J1454-01LDLX50      Acquired: 2/6/2018 19:25:02      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |        |
|-----------|---------|---------|---------|---------|--------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859 |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm    |
| Avg       | .00341  | .3102   | .02487  | F<00000 | 10.883 |
| Stddev    | .00000  | .0006   | .00003  | 1.2764  | .340   |
| %RSD      | .09758  | .1942   | .11629  | 26.534  | 3.1202 |
| #1        | .00341  | .3106   | .02485  | -3.9079 | 11.123 |
| #2        | .00340  | .3098   | .02489  | -5.7130 | 10.643 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S  |
| Avg       | 2541.9  | 55044.  | 5191.1  | 79.686  | 2959.3 |
| Stddev    | 2.7     | 1556.   | 30.2    | .874    | 6.0    |
| %RSD      | .10711  | 2.8272  | .58102  | 1.0971  | .20206 |
| #1        | 2539.9  | 53944.  | 5169.8  | 80.305  | 2955.1 |
| #2        | 2543.8  | 56145.  | 5212.4  | 79.068  | 2963.6 |

Sample Name: J1454-02DLX10      Acquired: 2/6/2018 19:29:07      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .09555 | .17542 | .46886 | .20685 | .07525 | 11.635 | .27146 |
| Stddev | .00309 | .00499 | .01082 | .00072 | .00071 | .064   | .00246 |
| %RSD   | 3.2323 | 2.8447 | 2.3078 | .34629 | .94843 | .55196 | .90620 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .09773 | .17895 | .47651 | .20634 | .07474 | 11.589 | .26972 |
| #2 | .09337 | .17189 | .46121 | .20735 | .07575 | 11.680 | .27320 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01891 | .01789 | 101.98 | .21116 | .03135 | .29441 | 116.41 |
| Stddev | .00017 | .00131 | .53    | .00051 | .00078 | .00809 | 3.81   |
| %RSD   | .91993 | 7.3016 | .52154 | .24374 | 2.4922 | 2.7492 | 3.2772 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01879 | .01882 | 101.60 | .21153 | .03190 | .30013 | 113.71 |
| #2 | .01903 | .01697 | 102.35 | .21080 | .03079 | .28868 | 119.11 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.4967 | 22.583 | .12945 | .00370 | .67858 | .11162 | .37416 |
| Stddev | .0490  | .226   | .00432 | .00145 | .00873 | .00027 | .00682 |
| %RSD   | .51602 | 1.0024 | 3.3397 | 39.196 | 1.2868 | .24580 | 1.8219 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.5313 | 22.423 | .13251 | .00267 | .67240 | .11143 | .36934 |
| #2 | 9.4620 | 22.743 | .12640 | .00472 | .68475 | .11182 | .37898 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4706 | .04972 | .13261 | 2.0679 | .57801 | .08922 | .64796 |
| Stddev | .0015  | .00094 | .00447 | .0490  | .02041 | .00200 | .00326 |
| %RSD   | .06284 | 1.8901 | 3.3685 | 2.3683 | 3.5318 | 2.2406 | .50254 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4717 | .05038 | .12945 | 2.1026 | .59245 | .09063 | .64566 |
| #2 | 2.4695 | .04905 | .13577 | 2.0333 | .56358 | .08780 | .65027 |

Sample Name: J1454-02DLX10      Acquired: 2/6/2018 19:29:07      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .03878 | 2.149  | .14471 | F<00000 | 58.202 |
| Stddev | .00203 | .062   | .00107 | .58942  | 1.147  |
| %RSD   | 5.2232 | 2.898  | .74233 | 1.2710  | 1.9710 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .03735 | 2.193 | .14395 | -45.957 | 59.014 |
| #2 | .04022 | 2.105 | .14547 | -46.791 | 57.391 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2555.0  | 53000.  | 5268.5  | 78.755 | 2831.2 |
| Stddev    | 59.0    | 183.    | 15.0    | 1.801  | 71.3   |
| %RSD      | 2.3078  | .34525  | .28525  | 2.2863 | 2.5181 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2513.3 | 52870. | 5257.9 | 80.029 | 2780.8 |
| #2 | 2596.7 | 53129. | 5279.1 | 77.482 | 2881.6 |

Sample Name: J1454-03DLX10      Acquired: 2/6/2018 19:33:16      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .09697 | .18099 | .47957 | .21012 | .07777 | 11.769 | .27284 |
| Stddev | .00302 | .00141 | .00013 | .00013 | .00146 | .072   | .00328 |
| %RSD   | 3.1141 | .77864 | .02778 | .06123 | 1.8710 | .61130 | 1.2007 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .09910 | .17999 | .47947 | .21003 | .07880 | 11.718 | .27052 |
| #2 | .09483 | .18198 | .47966 | .21021 | .07674 | 11.820 | .27515 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01890 | .01819 | 103.13 | .21458 | .03252 | .29979 | 117.78 |
| Stddev | .00009 | .00021 | 1.24   | .00046 | .00070 | .00016 | .09    |
| %RSD   | .47601 | 1.1437 | 1.1993 | .21505 | 2.1581 | .05181 | .07902 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01883 | .01804 | 102.25 | .21491 | .03202 | .29968 | 117.84 |
| #2 | .01896 | .01833 | 104.00 | .21425 | .03301 | .29990 | 117.71 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.6057 | 22.603 | .13293 | .00343 | .67509 | .11321 | .37948 |
| Stddev | .0170  | .283   | .00099 | .00073 | .01864 | .00053 | .00426 |
| %RSD   | .17675 | 1.2525 | .74820 | 21.376 | 2.7612 | .46424 | 1.1215 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.6177 | 22.402 | .13223 | .00291 | .66191 | .11284 | .38249 |
| #2 | 9.5937 | 22.803 | .13364 | .00395 | .68827 | .11358 | .37647 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4558 | .05030 | .12781 | 2.1208 | .53757 | .09242 | .64985 |
| Stddev | .0004  | .00020 | .01398 | .0022  | .00501 | .00059 | .00922 |
| %RSD   | .01771 | .40563 | 10.938 | .10559 | .93289 | .63698 | 1.4187 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4561 | .05016 | .13770 | 2.1192 | .54111 | .09200 | .64333 |
| #2 | 2.4555 | .05045 | .11793 | 2.1224 | .53402 | .09284 | .65637 |

Sample Name: J1454-03DLX10      Acquired: 2/6/2018 19:33:16      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .03981 | 2.198  | .14548 | F<00000 | 57.363 |
| Stddev | .00038 | .002   | .00173 | .25092  | .147   |
| %RSD   | .96355 | .0816  | 1.1885 | .54992  | .25559 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .03954 | 2.197 | .14425 | -45.806 | 57.259 |
| #2 | .04009 | 2.200 | .14670 | -45.452 | 57.467 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2517.7  | 52704.  | 5234.6  | 77.851 | 2782.7 |
| Stddev    | .7      | 243.    | 11.1    | .694   | 3.8    |
| %RSD      | .02679  | .46070  | .21161  | .89086 | .13728 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2518.1 | 52532. | 5242.4 | 77.361 | 2785.4 |
| #2 | 2517.2 | 52875. | 5226.7 | 78.341 | 2780.0 |



Sample Name: J1454-01ADLX10      Acquired: 2/6/2018 19:37:24      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .09954 | .18408 | .47796 | .20839 | .07652 | 11.624 | .26954 |
| Stddev | .00207 | .00060 | .00016 | .00679 | .00211 | .172   | .00230 |
| %RSD   | 2.0776 | .32652 | .03335 | 3.2583 | 2.7550 | 1.4755 | .85200 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .09807 | .18451 | .47807 | .20359 | .07801 | 11.503 | .26792 |
| #2 | .10100 | .18366 | .47785 | .21319 | .07503 | 11.746 | .27117 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01894 | .01853 | 102.19 | .21240 | .03200 | .29934 | 114.49 |
| Stddev | .00008 | .00054 | 1.47   | .00166 | .00033 | .00115 | 4.62   |
| %RSD   | .40448 | 2.9121 | 1.4408 | .78129 | 1.0288 | .38330 | 4.0350 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01899 | .01891 | 101.15 | .21123 | .03223 | .30015 | 111.23 |
| #2 | .01888 | .01815 | 103.23 | .21358 | .03177 | .29853 | 117.76 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.5233 | 22.471 | .13244 | .00310 | .68226 | .11154 | .37038 |
| Stddev | .0358  | .384   | .00044 | .00015 | .01257 | .00067 | .01027 |
| %RSD   | .37603 | 1.7087 | .33038 | 4.7706 | 1.8430 | .60090 | 2.7718 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.4979 | 22.199 | .13213 | .00300 | .67336 | .11106 | .36312 |
| #2 | 9.5486 | 22.742 | .13275 | .00321 | .69115 | .11201 | .37764 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4505 | .05024 | .13735 | 2.1084 | .54584 | .09178 | .64124 |
| Stddev | .0304  | .00042 | .00287 | .0021  | .05570 | .00175 | .00776 |
| %RSD   | 1.2409 | .82724 | 2.0920 | .10016 | 10.204 | 1.9068 | 1.2096 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4290 | .04995 | .13532 | 2.1099 | .50646 | .09301 | .63575 |
| #2 | 2.4720 | .05054 | .13938 | 2.1069 | .58523 | .09054 | .64672 |

Sample Name: J1454-01ADLX10      Acquired: 2/6/2018 19:37:24      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |        |
|-----------|---------|---------|---------|---------|--------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859 |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm    |
| Avg       | .03860  | 2.200   | .14419  | F<00000 | 55.680 |
| Stddev    | .00050  | .002    | .00200  | 1.0395  | 5.887  |
| %RSD      | 1.2954  | .0981   | 1.3842  | 2.1575  | 10.573 |
| #1        | .03895  | 2.201   | .14278  | -47.448 | 59.843 |
| #2        | .03825  | 2.198   | .14561  | -48.918 | 51.517 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S  |
| Avg       | 2525.8  | 52991.  | 5269.1  | 79.534  | 2785.7 |
| Stddev    | 7.0     | 157.    | 15.6    | 2.389   | 2.1    |
| %RSD      | .27688  | .29537  | .29603  | 3.0034  | .07707 |
| #1        | 2520.9  | 53102.  | 5280.2  | 81.223  | 2784.2 |
| #2        | 2530.8  | 52880.  | 5258.1  | 77.845  | 2787.2 |

Sample Name: J1454-05DLX10      Acquired: 2/6/2018 19:41:32      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 8-SAN-6-EW(2      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04602 | .00018 | 1.6797 | .05211 | .01237 | 22.867 | .49584 |
| Stddev | .00283 | .00182 | .0026  | .00378 | .00143 | .169   | .00487 |
| %RSD   | 6.1534 | 1041.2 | .15526 | 7.2511 | 11.581 | .73855 | .98308 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .04402 | -.00111 | 1.6815 | .04943 | .01135 | 22.748 | .49239 |
| #2 | .04802 | .00147  | 1.6778 | .05478 | .01338 | 22.986 | .49929 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00171 | .00154 | 99.251 | .06272 | .02022 | .36926 | 159.38 |
| Stddev | .00003 | .00079 | 1.037  | .00096 | .00020 | .00083 | 7.07   |
| %RSD   | 1.5129 | 51.557 | 1.0445 | 1.5384 | 1.0028 | .22380 | 4.4363 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00172 | .00210 | 98.518 | .06340 | .02037 | .36984 | 154.38 |
| #2 | .00169 | .00098 | 99.984 | .06204 | .02008 | .36867 | 164.38 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.5282 | 11.250 | .05784 | .00698 | .53944 | .03268 | .43338 |
| Stddev | .0010  | .157   | .00004 | .00088 | .00107 | .00024 | .01809 |
| %RSD   | .06637 | 1.3988 | .06967 | 12.560 | .19893 | .72668 | 4.1734 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 1.5289 | 11.139 | .05781 | -.00760 | .53868 | .03285 | .42059 |
| #2 | 1.5275 | 11.362 | .05787 | -.00636 | .54020 | .03252 | .44617 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.8677 | .00867 | 1.3339 | 4.0730 | .41150 | .03760 | .34709 |
| Stddev | .0318  | .00044 | .0310  | .0052  | .00512 | .00037 | .00593 |
| %RSD   | 1.7033 | 5.0562 | 2.3249 | .12704 | 1.2437 | .99401 | 1.7098 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.8902 | .00898 | 1.3119 | 4.0767 | .40788 | .03787 | .34289 |
| #2 | 1.8452 | .00836 | 1.3558 | 4.0694 | .41512 | .03734 | .35128 |

Sample Name: J1454-05DLX10      Acquired: 2/6/2018 19:41:32      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 8-SAN-6-EW(2 Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |        |
|-----------|---------|---------|---------|---------|--------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859 |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm    |
| Avg       | .02918  | 1.366   | .22069  | F<00000 | 77.288 |
| Stddev    | .00042  | .002    | .00330  | .19473  | 4.069  |
| %RSD      | 1.4442  | .1182   | 1.4943  | .29042  | 5.2641 |
| #1        | .02889  | 1.368   | .21836  | -67.190 | 74.411 |
| #2        | .02948  | 1.365   | .22302  | -66.915 | 80.165 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306  | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S  |
| Avg       | 2545.9  | 53553.  | 5331.6  | 31.701  | 2788.8 |
| Stddev    | 9.6     | 50.     | 36.8    | 3.302   | 6.6    |
| %RSD      | .37617  | .09286  | .69034  | 4.0416  | .23775 |
| #1        | 2539.1  | 53518.  | 5357.6  | 84.036  | 2784.1 |
| #2        | 2552.6  | 53588.  | 5305.6  | 79.366  | 2793.5 |

Sample Name: J1454-07DLX10      Acquired: 2/6/2018 19:45:34      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02806 | .00236 | 1.7510 | .03543 | .18322 | 3.7171 | 3.5358 |
| Stddev | .00472 | .00026 | .0167  | .00748 | .00068 | .0858  | .0696  |
| %RSD   | 16.816 | 11.157 | .95070 | 21.107 | .37084 | .98374 | 1.0648 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02472 | .00255 | 1.7392 | .03015 | .18370 | 8.6565 | 6.4866 |
| #2 | .03139 | .00218 | 1.7628 | .04072 | .18274 | 8.7777 | 6.5850 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00008 | .00097 | 37.808 | .10291 | .01731 | .34867 | 117.44 |
| Stddev | .00014 | .00069 | 1.075  | .00091 | .00029 | .00020 | 7.38   |
| %RSD   | 172.68 | 71.039 | 1.2243 | .88766 | 1.6836 | .05716 | 6.2832 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00002  | .00146 | 87.048 | .10356 | .01710 | .34853 | 112.22 |
| #2 | -.00018 | .00048 | 88.568 | .10226 | .01751 | .34881 | 122.65 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.4744 | 9.0415 | .17634 | .00440 | .55755 | .03137 | 1.0930 |
| Stddev | .0060  | .1298  | .00158 | .00107 | .02460 | .00009 | .0616  |
| %RSD   | .40639 | 1.4351 | .89523 | 24.374 | 4.4117 | .29474 | 5.6371 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 1.4701 | 8.9497 | .17522 | -.00516 | .54016 | .03131 | 1.0495 |
| #2 | 1.4786 | 9.1332 | .17745 | -.00364 | .57495 | .03144 | 1.1366 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.3962 | .02073 | .17192 | 1.6099 | .18778 | .23336 | .23363 |
| Stddev | .0190  | .00034 | .01367 | .0066  | .00749 | .00285 | .00212 |
| %RSD   | 1.3633 | 1.6527 | 7.9526 | .40663 | 3.9877 | 1.2229 | .90814 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.3827 | .02098 | .16226 | 1.6052 | .19307 | .23134 | .23213 |
| #2 | 1.4097 | .02049 | .18159 | 1.6145 | .18248 | .23537 | .23513 |

Sample Name: J1454-07DLX10      Acquired: 2/6/2018 19:45:34      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .01210 | 20.31  | .46965 | F<00000 | 30.044 |
| Stddev | .00016 | .15    | .00592 | .50742  | 3.427  |
| %RSD   | 1.3080 | .7324  | 1.2615 | 1.0701  | 5.7067 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .01221 | 20.21 | .46546 | -47.057 | 62.467 |
| #2 | .01199 | 20.42 | .47384 | -47.775 | 57.621 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2531.6  | 53220.  | 5269.3  | 30.277 | 2818.8 |
| Stddev    | 1.1     | 108.    | 12.4    | 4.266  | 10.8   |
| %RSD      | .04455  | .20239  | .23484  | 5.3141 | .38379 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2532.4 | 53296. | 5278.0 | 83.294 | 2826.4 |
| #2 | 2530.8 | 53144. | 5260.5 | 77.261 | 2811.1 |

Sample Name: J1454-09DLX10      Acquired: 2/6/2018 19:49:36      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02816 | .00073 | .44806 | .01949 | .00702 | 10.798 | .70781 |
| Stddev | .00442 | .00025 | .00090 | .00645 | .00167 | .085   | .00747 |
| %RSD   | 15.716 | 33.770 | .20097 | 33.080 | 23.729 | .78877 | 1.0556 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03128 | .00055 | .44870 | .02405 | .00820 | 10.737 | .70253 |
| #2 | .02503 | .00090 | .44743 | .01493 | .00585 | 10.858 | .71309 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00027 | .00119 | 165.15 | .26225 | .01779 | .20135 | .37.797 |
| Stddev | .00011 | .00012 | 1.71   | .00190 | .00006 | .00113 | .555    |
| %RSD   | 42.207 | 10.462 | 1.0369 | .72609 | .35586 | .56243 | .56797  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00019 | .00128 | 163.94 | .26091 | .01784 | .20055 | 98.190 |
| #2 | .00035 | .00110 | 166.37 | .26360 | .01775 | .20215 | 97.404 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.6438 | 16.581 | .15575 | .00327 | .21349 | .04688 | .93407 |
| Stddev | .0173  | .287   | .00027 | .00050 | .00027 | .00078 | .01044 |
| %RSD   | .37240 | 1.7283 | .17047 | 15.361 | .12701 | 1.6632 | 1.1182 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 4.6316 | 16.378 | .15593 | -.00363 | .21368 | .04633 | .94145 |
| #2 | 4.6560 | 16.783 | .15556 | -.00292 | .21330 | .04743 | .92668 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.6636 | .03623 | .16577 | 1.8936 | .31832 | .02423 | .21535 |
| Stddev | .0010  | .00016 | .00737 | .0049  | .01588 | .00174 | .00039 |
| %RSD   | .05717 | .44918 | 4.4439 | .25963 | 4.9877 | 7.1689 | .18036 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.6642 | .03635 | .17098 | 1.8971 | .30709 | .02300 | .21508 |
| #2 | 1.6629 | .03612 | .16056 | 1.8901 | .32954 | .02546 | .21563 |

Sample Name: J1454-09DLX10      Acquired: 2/6/2018 19:49:36      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .02260 | .8545  | .17435 | F<00000 | 46.728 |
| Stddev | .00105 | .0059  | .00138 | .07831  | 1.499  |
| %RSD   | 4.6454 | .6925  | .79051 | .16276  | 3.2084 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .02186 | .8586 | .17337 | -48.170 | 47.789 |
| #2 | .02334 | .8503 | .17532 | -48.060 | 45.668 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2523.0  | 52664.  | 5292.4  | 77.596 | 2768.4 |
| Stddev    | 4.3     | 35.     | 35.1    | .817   | 7.0    |
| %RSD      | .16901  | .06607  | .66246  | 1.0531 | .25166 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2520.0 | 52640. | 5317.1 | 77.018 | 2763.5 |
| #2 | 2526.0 | 52689. | 5267.6 | 78.174 | 2773.4 |



Sample Name: CCV09      Acquired: 2/6/2018 19:53:40      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.7480 | 4.8566 | 4.8091 | 4.7366 | 4.8154 | 3.7127 | 3.9173 | .24656 |
| Stddev | .0051  | .0134  | .0022  | .0012  | .0022  | .0900  | .0128  | .00060 |
| %RSD   | .10660 | .27489 | .04563 | .02526 | .04656 | .92671 | .12864 | .24470 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.7444 | 4.8472 | 4.8106 | 4.7358 | 4.8138 | 9.6491 | 9.9083 | .24613 |
| #2 | 4.7516 | 4.8661 | 4.8075 | 4.7375 | 4.8170 | 9.7764 | 9.9264 | .24699 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4054 | 24.818 | .97606 | 2.4040 | 1.2174 | 5.0180 | 2.4928 | 24.775 |
| Stddev | .0035  | .158   | .00436 | .0011  | .0019  | .1608  | .0106  | .188   |
| %RSD   | .14631 | .63611 | .44680 | .04465 | .15191 | 3.2045 | .42671 | .75703 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4029 | 24.707 | .97297 | 2.4048 | 1.2161 | 4.9043 | 2.4853 | 24.642 |
| #2 | 2.4078 | 24.930 | .97914 | 2.4033 | 1.2187 | 5.1317 | 2.5003 | 24.908 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4045 | 1.2102 | 24.353 | 2.4586 | 2.6351 | 24.998 | 4.8895 | 5.0904 |
| Stddev | .0041  | .0028  | .078   | .0071  | .0947  | .045   | .0049  | .0429  |
| %RSD   | .17171 | .23432 | .31866 | .28870 | 3.5949 | .17844 | .09975 | .84277 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4016 | 1.2082 | 24.298 | 2.4535 | 2.5681 | 24.967 | 4.8861 | 5.0601 |
| #2 | 2.4074 | 1.2122 | 24.408 | 2.4636 | 2.7021 | 25.030 | 4.8929 | 5.1208 |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 4.6827 | 4.7949 | 4.7951 | 4.8745 | 5.0133 | 4.732  | 4.9140 | F 2.7344 |
| Stddev | .0066  | .0597  | .0037  | .0234  | .0095  | .009   | .0156  | .2980    |
| %RSD   | .14205 | 1.2456 | .07649 | .48005 | .19054 | .1951  | .31652 | 10.897   |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 4.6780 | 4.7527 | 4.7925 | 4.8580 | 5.0066 | 4.725 | 4.9030 | 2.5237 |
| #2 | 4.6874 | 4.8372 | 4.7977 | 4.8911 | 5.0201 | 4.739 | 4.9250 | 2.9451 |

Sample Name: CCV09      Acquired: 2/6/2018 19:53:40      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

Elem      U\_3859  
 Units      ppm  
 Avg      ~~F~~1.7817  
 Stddev      5.1691  
 %RSD      290.12

#1      -1.8734  
 #2      5.4368

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2525.2  | 52873.  | 5184.1  | 76.758 | 2811.7 |
| Stddev    | 6.4     | 193.    | 12.5    | 2.535  | 5.7    |
| %RSD      | .25368  | .36461  | .24090  | 3.3020 | .20319 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2520.7 | 53009. | 5192.9 | 78.550 | 2807.6 |
| #2 | 2529.8 | 52737. | 5175.3 | 74.966 | 2815.7 |

Sample Name: LLCCV05      Acquired: 2/6/2018 19:57:32      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02320 | .04154 | .01161 | .01590 | .04518 | .10691 | .10230 |
| Stddev | .00106 | .00077 | .00049 | .00273 | .00163 | .00522 | .00010 |
| %RSD   | 4.5665 | 1.8450 | 4.2085 | 17.172 | 3.6131 | 4.8866 | .09525 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02394 | .04100 | .01127 | .01397 | .04633 | .11060 | .10237 |
| #2 | .02245 | .04208 | .01196 | .01783 | .04402 | .10322 | .10223 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00605 | .00569 | 2.0253 | .01059 | .02890 | .02071 | .10011 |
| Stddev | .00003 | .00004 | .0226  | .00027 | .00016 | .00021 | .01047 |
| %RSD   | .47078 | .67442 | 1.1153 | 2.5465 | .56085 | 1.0209 | 10.455 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00607 | .00572 | 2.0093 | .01040 | .02879 | .02086 | .10751 |
| #2 | .00603 | .00566 | 2.0413 | .01078 | .02902 | .02056 | .09271 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02205 | 2.0918 | .03904 | .00957 | 1.9330 | .04055 | .04134 |
| Stddev | .00009 | .0526  | .00069 | .00016 | .0222  | .00021 | .00074 |
| %RSD   | .40475 | 2.5130 | 1.7707 | 1.6800 | 1.1509 | .52326 | 1.7974 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02211 | 2.0546 | .03953 | .00946 | 1.9173 | .04070 | .04187 |
| #2 | .02199 | 2.1289 | .03855 | .00969 | 1.9487 | .04040 | .04081 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0365 | 20380  | 10428  | .01589 | .37557 | .03674 | .04154 |
| Stddev | .0467  | .00156 | .00658 | .00086 | .00194 | .00033 | .00072 |
| %RSD   | 2.2923 | .76498 | 6.3076 | 5.3937 | .51607 | .91115 | 1.7223 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0035 | .20490 | .10893 | .01650 | .37694 | .03697 | .04104 |
| #2 | 2.0695 | .20270 | .09963 | .01529 | .37420 | .03650 | .04205 |

Sample Name: LLCCV05      Acquired: 2/6/2018 19:57:32      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .02098 | .0174  | .02117 | F 3.8113 | F<00000 |
| Stddev | .00082 | .0018  | .00005 | .3403    | 2.6997  |
| %RSD   | 3.8899 | 10.34  | .21806 | 8.9278   | 295.96  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .02040 | .0161 | .02121 | 4.0519 | .99679  |
| #2 | .02155 | .0187 | .02114 | 3.5707 | -2.8212 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2616.2  | 54057.  | 5208.8  | 33.364 | 3072.2 |
| Stddev    | 15.8    | 243.    | 22.5    | 1.562  | 3.9    |
| %RSD      | .60555  | .44979  | .43182  | 1.8738 | .12660 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2605.0 | 53885. | 5224.7 | 82.259 | 3069.5 |
| #2 | 2627.4 | 54228. | 5192.9 | 84.468 | 3075.0 |

Sample Name: CCB09      Acquired: 2/6/2018 20:01:41      Type: Unk  
Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00252 | .00017 | .00108 | .00498 | .00062 | .00264 | .00102 |
| Stddev | .00091 | .00063 | .00044 | .00438 | .00077 | .00823 | .00075 |
| %RSD   | 36.318 | 374.32 | 40.626 | 88.016 | 124.00 | 311.17 | 73.288 |

|    |         |         |        |         |         |         |        |
|----|---------|---------|--------|---------|---------|---------|--------|
| #1 | -.00316 | -.00062 | .00077 | -.00188 | -.00008 | -.00317 | .00154 |
| #2 | -.00187 | .00028  | .00139 | -.00808 | -.00116 | .00846  | .00049 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | .00000 | .02005 | .00025 | .00039 | .00027 | .00751 |
| Stddev | .00011 | .00007 | .02239 | .00008 | .00017 | .00012 | .00921 |
| %RSD   | 236.20 | 8008.7 | 111.66 | 32.648 | 41.902 | 42.785 | 122.60 |

|    |         |         |        |         |        |        |         |
|----|---------|---------|--------|---------|--------|--------|---------|
| #1 | -.00012 | -.00005 | .00422 | -.00019 | .00051 | .00035 | -.00100 |
| #2 | .00003  | .00005  | .03588 | -.00031 | .00028 | .00019 | -.01403 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00010 | .04688 | .00016 | .00000 | .05262 | .00058 | .00048 |
| Stddev | .00001 | .02633 | .00011 | .00115 | .01518 | .00024 | .00006 |
| %RSD   | 14.397 | 56.170 | 67.109 | 27778. | 28.858 | 42.012 | 11.578 |

|    |        |        |         |         |         |         |         |
|----|--------|--------|---------|---------|---------|---------|---------|
| #1 | .00011 | .06549 | -.00009 | .00082  | -.06336 | -.00041 | -.00052 |
| #2 | .00009 | .02826 | -.00024 | -.00081 | -.04188 | -.00075 | -.00044 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04152 | .00036 | .00503 | .00189 | .00652 | .00150 | .00315 |
| Stddev | .00125 | .00023 | .00086 | .00529 | .00766 | .00036 | .00136 |
| %RSD   | 3.0120 | 64.007 | 17.148 | 279.80 | 117.41 | 23.921 | 43.212 |

|    |         |        |         |         |        |         |        |
|----|---------|--------|---------|---------|--------|---------|--------|
| #1 | -.04063 | .00020 | -.00564 | -.00563 | .00111 | -.00124 | .00219 |
| #2 | -.04240 | .00052 | -.00442 | .00185  | .01194 | -.00175 | .00412 |

Sample Name: CCB09      Acquired: 2/6/2018 20:01:41      Type: Unk  
 Method: P4-ICP2(v1983)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .00082 | .0014  | .00002 | F 3.2036 | F<00000 |
| Stddev | .00057 | .0003  | .00006 | .4102    | 1.9499  |
| %RSD   | 69.481 | 18.04  | 256.71 | 12.803   | 68.223  |

|    |         |       |         |        |         |
|----|---------|-------|---------|--------|---------|
| #1 | -.00122 | .0016 | .00007  | 3.4936 | -4.2370 |
| #2 | -.00042 | .0013 | -.00002 | 2.9135 | -1.4794 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2639.2  | 54383.  | 5191.5  | 30.834 | 3094.1 |
| Stddev    | .8      | 240.    | 23.7    | 4.471  | 5.4    |
| %RSD      | .02945  | .44134  | .45623  | 5.5309 | .17359 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2638.6 | 54213. | 5208.2 | 77.673 | 3090.3 |
| #2 | 2639.7 | 54553. | 5174.7 | 83.995 | 3097.9 |