

Sample Name: S0      Acquired: 1/4/2017 10:33:30      Type: Cal  
Method: P4-ICP2(v1832)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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    | .00022 | .00037 | .00056 | .00080 | .00041 | .00001 | .01741 | .00006 |
| Stddev | .00014 | .00026 | .00014 | .00002 | .00019 | .00004 | .00119 | .00005 |
| %RSD   | 62.804 | 68.995 | 24.486 | 2.7736 | 47.438 | 357.01 | 6.8236 | 78.596 |

|    |         |         |        |        |        |         |        |         |
|----|---------|---------|--------|--------|--------|---------|--------|---------|
| #1 | -.00012 | -.00019 | .00046 | .00082 | .00055 | .00004  | .01825 | -.00010 |
| #2 | -.00032 | -.00056 | .00065 | .00079 | .00027 | -.00002 | .01657 | -.00003 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .00310 | .00063 | .00010 | .00194 | .00060 | .01302 | .00060 | .00004 |
| Stddev | .00094 | .00034 | .00005 | .00051 | .00005 | .00213 | .00022 | .00019 |
| %RSD   | 30.501 | 54.399 | 45.440 | 26.212 | 7.9992 | 16.337 | 37.283 | 459.68 |

|    |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .00377 | .00039 | .00007 | .00230 | .00057 | .01452 | .00044 | .00017  |
| #2 | .00243 | .00087 | .00014 | .00158 | .00064 | .01151 | .00076 | -.00009 |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| 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    | .00072 | .00001 | .00028 | .00002  | .14434 | .00721  | .00278 | .00043  |
| Stddev | .00030 | .00005 | .00064 | .00000  | .02978 | .00106  | .00062 | .00017  |
| %RSD   | 41.229 | 369.93 | 231.40 | 6.9507  | 20.633 | 14.720  | 22.382 | 40.770  |

|    |        |         |         |        |        |         |        |        |
|----|--------|---------|---------|--------|--------|---------|--------|--------|
| #1 | .00093 | .00005  | -.00073 | .00002 | .16539 | -.00796 | .00322 | .00030 |
| #2 | .00051 | -.00002 | .00018  | .00002 | .12328 | -.00646 | .00234 | .00055 |

|        |         |        |        |        |        |         |        |  |
|--------|---------|--------|--------|--------|--------|---------|--------|--|
| Elem   | S_ 1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_ 1774 | Sr4077 |  |
| Units  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |  |
| Avg    | .00133  | .06035 | .00092 | .00174 | .00660 | .0041   | .00210 |  |
| Stddev | .00011  | .00208 | .00002 | .00029 | .00289 | .0001   | .00384 |  |
| %RSD   | 8.3616  | 3.4444 | 1.7863 | 16.374 | 43.817 | 1.626   | 183.14 |  |

|    |        |        |        |        |        |        |         |  |
|----|--------|--------|--------|--------|--------|--------|---------|--|
| #1 | .00140 | .05888 | .00093 | .00194 | .00455 | -.0040 | .00482  |  |
| #2 | .00125 | .06182 | .00091 | .00154 | .00864 | -.0041 | -.00062 |  |

Sample Name: S0      Acquired: 1/4/2017 10:33:30      Type: Cal  
Method: P4-ICP2(v1832)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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       | 1189.0  | 76154.  | 5763.7  | 146.11 | 1130.6 |
| Stddev    | 1.7     | 221.    | 4.1     | 2.30   | 7.4    |
| %RSD      | .04132  | .29002  | .07146  | 1.5750 | .17845 |
| #1        | 4190.2  | 76311.  | 5766.6  | 147.74 | 4135.8 |
| #2        | 4187.8  | 75998.  | 5760.8  | 144.49 | 4125.4 |

Sample Name: S1      Acquired: 1/4/2017 10:37:37      Type: Cal  
Method: P4-ICP2(v1832)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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    | .00129 | .00470 | .00241 | .00248 | .00605 | .00050 | .43433 | .00400 | .01545 |
| Stddev | .00009 | .00012 | .00002 | .00012 | .00010 | .00004 | .00157 | .00001 | .00030 |
| %RSD   | 6.9622 | 2.6140 | .79196 | 4.8847 | 1.6907 | 8.7286 | .36102 | .22158 | 1.9355 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00135 | .00478 | .00239 | .00256 | .00613 | .00047 | .43544 | .00401 | .01524 |
| #2 | .00123 | .00461 | .00242 | .00239 | .00598 | .00053 | .43322 | .00400 | .01566 |

|        |        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 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    | .00163 | .02917 | .01288 | .19278 | .01136 | .02757 | .00228 | .00716  | .29155 |
| Stddev | .00001 | .00007 | .00021 | .00867 | .00011 | .00019 | .00003 | .00004  | .0230  |
| %RSD   | .40169 | .25426 | 1.6494 | 4.4985 | .99093 | .69889 | 1.1950 | .51463  | .78893 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00164 | .02912 | .01273 | .18665 | .01128 | .02771 | .00230 | .00718 | 2.8992 |
| #2 | .00163 | .02923 | .01303 | .19892 | .01144 | .02744 | .00226 | .00713 | 2.9318 |

|        |        |         |         |        |        |        |        |         |        |
|--------|--------|---------|---------|--------|--------|--------|--------|---------|--------|
| 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    | .17167 | .00457  | .00148  | .25579 | .00911 | .01493 | .03337 | .0020   | .21314 |
| Stddev | .00008 | .00004  | .00001  | .00162 | .00001 | .00031 | .00015 | .0000   | .00050 |
| %RSD   | .04894 | .92284  | .70899  | .63518 | .07050 | 2.0426 | .45132 | 2.216   | .23585 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .17173 | .00454 | .00149 | .25694 | .00910 | .01515 | .03326 | -.0019 | .21350 |
| #2 | .17161 | .00460 | .00147 | .25464 | .00911 | .01472 | .03348 | -.0020 | .21278 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4150.7  | 74880.  | 5807.6  | 145.80 | 4108.0 |
| Stddev    | 6.0     | 74.     | 22.4    | 1.07   | 1.4    |
| %RSD      | .14471  | .09921  | .38485  | .73632 | .03461 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4146.5 | 74933. | 5791.8 | 146.55 | 4107.0 |
| #2 | 4155.0 | 74828. | 5823.4 | 145.04 | 4109.0 |

Sample Name: S2      Acquired: 1/4/2017 10:41:45      Type: Cal  
Method: P4-ICP2(v1832)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |
|--------|--------|--------|--------|---------|
| Elem   | Ca3736 | Mg2790 | Na5895 | K_ 7664 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   |
| Avg    | .14880 | .02514 | .49645 | .15816  |
| Stddev | .00022 | .00023 | .00263 | .00321  |
| %RSD   | .14560 | .90836 | .52885 | 2.0291  |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .14895 | .02531 | .49830 | .16043 |
| #2 | .14864 | .02498 | .49459 | .15589 |

|           |         |
|-----------|---------|
| Int. Std. | Y_ 3710 |
| Units     | Cts/S   |
| Avg       | 5830.6  |
| Stddev    | 11.7    |
| %RSD      | .20137  |

|    |        |
|----|--------|
| #1 | 5822.3 |
| #2 | 5838.9 |

Sample Name: S3      Acquired: 1/4/2017 10:45:44      Type: Cal  
Method: P4-ICP2(v1832)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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    | .20537 | .38234 | .52015 | .23987 | .29766 | .02358 | .21.863 | .08910 | 3.5604 |
| Stddev | .00011 | .00098 | .00067 | .00030 | .00055 | .00008 | .018    | .00032 | .0046  |
| %RSD   | .05565 | .25704 | .12861 | .12662 | .18572 | .33854 | .08043  | .36034 | .12991 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20529 | .38303 | .52063 | .23966 | .29805 | .02352 | 21.875 | .08933 | 3.5636 |
| #2 | .20545 | .38164 | .51968 | .24009 | .29727 | .02364 | 21.850 | .08888 | 3.5571 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .88607 | .08069 | 1.2579 | .39681 | 4.2037 | .70750 | .15093 | .90274 | .16142 |
| Stddev | .00509 | .00006 | .0035  | .00001 | .0290  | .00251 | .00003 | .00344 | .00013 |
| %RSD   | .57434 | .08005 | .27711 | .00157 | .68887 | .35462 | .02063 | .38123 | .07985 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .88247 | .08074 | 1.2604 | .39681 | 4.1833 | .70927 | .15095 | .90517 | .16151 |
| #2 | .88966 | .08065 | 1.2554 | .39681 | 4.2242 | .70572 | .15091 | .90030 | .16133 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 2.9997 | .24266  | 91.118 | .91824  | 2.1462 | .11358  | .16781  | 1.4873 | .54091 |
| Stddev | .0022  | .00009  | .033   | .00419  | .0020  | .00097  | .00085  | .0016  | .00112 |
| %RSD   | .07214 | .03635  | .03609 | .45646  | .09292 | .85391  | .50757  | .10944 | .20790 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.9981 | .24260 | 91.141 | .91528 | 2.1476 | .11290 | .16842 | 1.4861 | .54170 |
| #2 | 3.0012 | .24272 | 91.095 | .92120 | 2.1448 | .11427 | .16721 | 1.4884 | .54011 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .84235 | 3.8822 | .3460   | 22.904 |
| Stddev | .00079 | .0077  | .0006   | .008   |
| %RSD   | .09368 | .19724 | .1867   | .03611 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .84179 | 3.8876 | .3465 | 22.898 |
| #2 | .84291 | 3.8768 | .3456 | 22.910 |

Sample Name: S3      Acquired: 1/4/2017 10:45:44      Type: Cal  
Method: P4-ICP2(v1832)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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       | 1051.9  | 73434.  | 5786.0  | 144.26 | 3893.2 |
| Stddev    | 6.0     | 187.    | 12.9    | .38    | 15.5   |
| %RSD      | .14758  | .25405  | .22367  | .25999 | .39886 |
| #1        | 4047.6  | 73302.  | 5795.2  | 144.00 | 3882.2 |
| #2        | 4056.1  | 73566.  | 5776.9  | 144.53 | 3904.2 |

Sample Name: S4      Acquired: 1/4/2017 10:49:35      Type: Cal  
Method: P4-ICP2(v1832)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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    | .39061 | .73123 | .99560 | .45677 | .56798 | .04465 | .11046 | .16907 | .58018 |
| Stddev | .00032 | .00030 | .00203 | .00006 | .00004 | .00017 | .350   | .00057 | .0012  |
| %RSD   | .08089 | .04041 | .20382 | .01248 | .00637 | .37692 | .85339 | .33450 | .01759 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .39083 | .73102 | .99703 | .45673 | .56795 | .04477 | 40.799 | .16947 | 6.8026 |
| #2 | .39038 | .73144 | .99416 | .45681 | .56800 | .04453 | 41.294 | .16867 | 6.8009 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.6578 | .15176 | 2.4026 | .74275 | 7.8333 | 1.3360 | .28548 | 1.7178 | .30838 |
| Stddev | .0029  | .00029 | .0003  | .00013 | .2813  | .0012  | .00092 | .0001  | .00113 |
| %RSD   | .17359 | .19307 | .01420 | .01720 | 3.5906 | .08837 | .32147 | .00424 | .36786 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.6557 | .15155 | 2.4028 | .74266 | 7.6344 | 1.3352 | .28483 | 1.7178 | .30918 |
| #2 | 1.6598 | .15197 | 2.4023 | .74284 | 8.0322 | 1.3368 | .28613 | 1.7177 | .30757 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 5.6424 | .45914  | 171.45 | 1.7214  | 4.0271 | .21498  | .32756  | 2.7324 | 1.0356 |
| Stddev | .0107  | .00080  | 5.30   | .0021   | .0051  | .00039  | .00009  | .0107  | .0006  |
| %RSD   | .19005 | .17364  | 3.0919 | .12181  | .12612 | .18244  | .02690  | .38987 | .06189 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.6348 | .45971 | 167.70 | 1.7199 | 4.0307 | .21526 | .32762 | 2.7249 | 1.0351 |
| #2 | 5.6500 | .45858 | 175.20 | 1.7229 | 4.0236 | .21470 | .32750 | 2.7399 | 1.0360 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | 1.5813 | 7.3277 | .6768   | 42.543 |
| Stddev | .0003  | .0092  | .0009   | .377   |
| %RSD   | .02049 | .12538 | .1304   | .88593 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.5815 | 7.3342 | .6775 | 42.276 |
| #2 | 1.5810 | 7.3212 | .6762 | 42.809 |

Sample Name: S4      Acquired: 1/4/2017 10:49:35      Type: Cal  
Method: P4-ICP2(v1832)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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       | 1027.0  | 72840.  | 5791.3  | 142.80 | 3794.0 |
| Stddev    | 9.8     | 220.    | 5.3     | 4.11   | 6.1    |
| %RSD      | .24237  | .30224  | .09169  | 2.8774 | .15950 |
| #1        | 4020.1  | 72684.  | 5795.1  | 145.71 | 3789.8 |
| #2        | 4033.9  | 72995.  | 5787.6  | 139.90 | 3798.3 |

Sample Name: S5      Acquired: 1/4/2017 10:53:37      Type: Cal  
Method: P4-ICP2(v1832)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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    | .77768 | 1.4799 | 2.0237 | .90544 | 1.1286 | .08899 | 31.236 | .33237 | 13.898 |
| Stddev | .00126 | .0010  | .0021  | .00079 | .0004  | .00011 | .764   | .00022 | .000   |
| %RSD   | .16235 | .06826 | .10194 | .08708 | .03145 | .12776 | .94030 | .06584 | .00234 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .77678 | 1.4792 | 2.0222 | .90488 | 1.1283 | .08891 | 80.696 | .33222 | 13.898 |
| #2 | .77857 | 1.4806 | 2.0251 | .90599 | 1.1288 | .08907 | 81.776 | .33253 | 13.898 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.2751 | .29388 | 4.9276 | 1.4560 | 16.112 | 2.5105 | .56548 | 3.5012 | .61478 |
| Stddev | .0087  | .00070 | .0006  | .0021  | .056   | .0014  | .00055 | .0006  | .00093 |
| %RSD   | .26683 | .23890 | .01282 | .14274 | .34886 | .05516 | .09806 | .01847 | .15135 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.2689 | .29338 | 4.9280 | 1.4546 | 16.073 | 2.5115 | .56509 | 3.5017 | .61412 |
| #2 | 3.2813 | .29437 | 4.9271 | 1.4575 | 16.152 | 2.5095 | .56588 | 3.5008 | .61544 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 11.281 | .90770  | 345.08 | 3.4374  | 7.9680 | .42395  | .68980  | 5.1627 | 2.1128 |
| Stddev | .043   | .00037  | .11    | .0156   | .0014  | .00107  | .00032  | .0177  | .0018  |
| %RSD   | .38462 | .04041  | .03170 | .45307  | .01809 | .25338  | .04708  | .34366 | .08313 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.251 | .90745 | 345.16 | 3.4264 | 7.9670 | .42319 | .69003 | 5.1501 | 2.1140 |
| #2 | 11.312 | .90796 | 345.00 | 3.4484 | 7.9690 | .42471 | .68957 | 5.1752 | 2.1115 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | 3.1137 | 14.723 | 1.404   | 33.483 |
| Stddev | .0095  | .046   | .000    | .636   |
| %RSD   | .30656 | .31063 | .0195   | .76131 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 3.1070 | 14.691 | 1.404 | 83.933 |
| #2 | 3.1205 | 14.755 | 1.404 | 83.034 |

Sample Name: S5      Acquired: 1/4/2017 10:53:37      Type: Cal  
Method: P4-ICP2(v1832)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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       | 3952.3  | 72536.  | 5789.8  | 137.14 | 3588.2 |
| Stddev    | 5.1     | 4.      | .2      | .10    | 3.2    |
| %RSD      | .12900  | .00593  | .00428  | .07200 | .09002 |
| #1        | 3955.9  | 72533.  | 5790.0  | 137.21 | 3590.5 |
| #2        | 3948.7  | 72539.  | 5789.6  | 137.08 | 3585.9 |

Sample Name: ICV01      Acquired: 1/4/2017 10:57:43      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .98382 | .98713 | .95756 | .98194 | .92035 | 2.4349 | .51038 | .48540 |
| Stddev | .00420 | .00021 | .00013 | .00099 | .00427 | .0009  | .00241 | .00227 |
| %RSD   | .42659 | .02092 | .01315 | .10074 | .46382 | .03648 | .47313 | .46699 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .98085 | .98699 | .95764 | .98264 | .91733 | 2.4355 | .50867 | .48701 |
| #2 | .98679 | .98728 | .95747 | .98124 | .92337 | 2.4343 | .51209 | .48380 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .47535 | 10.121 | .49639 | .48737 | .50758 | 4.8222 | .49647 | 5.9519 |
| Stddev | .00014 | .016   | .00056 | .00012 | .00098 | .0098  | .00003 | .0227  |
| %RSD   | .03005 | .16206 | .11204 | .02472 | .19277 | .20394 | .00696 | .38204 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .47545 | 10.109 | .49678 | .48746 | .50689 | 4.8292 | .49645 | 5.9358 |
| #2 | .47525 | 10.132 | .49600 | .48729 | .50828 | 4.8153 | .49650 | 5.9680 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .49290 | .49272 | 9.8677 | .49307 | .99694 | 9.7265 | 2.4937 | 2.4506 |
| Stddev | .00163 | .00086 | .0393  | .00249 | .00435 | .0237  | .0039  | .0115  |
| %RSD   | .33050 | .17399 | .39864 | .50449 | .43611 | .24366 | .15629 | .46961 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .49405 | .49333 | 9.8399 | .49483 | 1.0000 | 9.7433 | 2.4909 | 2.4425 |
| #2 | .49174 | .49211 | 9.8955 | .49131 | .99386 | 9.7098 | 2.4964 | 2.4588 |

|        |        |          |        |        |        |        |        |  |
|--------|--------|----------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881   | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 2.3971 | F 2.1780 | 2.4206 | 2.4897 | 2.6218 | 2.337  | 2.4754 |  |
| Stddev | .0079  | .0083    | .0019  | .0025  | .0005  | .005   | .0032  |  |
| %RSD   | .32944 | .38345   | .07634 | .10002 | .01790 | .2041  | .12921 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 2.4027 | 2.1721 | 2.4193 | 2.4879 | 2.6214 | 2.334 | 2.4732 |  |
| #2 | 2.3915 | 2.1839 | 2.4219 | 2.4914 | 2.6221 | 2.341 | 2.4777 |  |

Sample Name: ICV01      Acquired: 1/4/2017 10:57:43      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICV01      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       | 4084.1  | 73976.  | 5800.4  | 145.07 | 3949.9 |
| Stddev    | 4.5     | 637.    | 16.2    | .97    | 7.8    |
| %RSD      | .11109  | .86056  | .27847  | .67129 | .19744 |
| #1        | 4080.9  | 73526.  | 5788.9  | 144.38 | 3944.3 |
| #2        | 4087.3  | 74426.  | 5811.8  | 145.75 | 3955.4 |

Sample Name: LLICV01      Acquired: 1/4/2017 11:05:37      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |         |        |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203  | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01688 | .03472 | F.00807 | .01606 | .04803 | .09279 | .10212 | .00609 |
| Stddev | .00145 | .00061 | .00011  | .00024 | .00106 | .01190 | .00036 | .00004 |
| %RSD   | 8.6111 | 1.7512 | 1.3312  | 1.5190 | 2.2038 | 12.828 | .35061 | .71666 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01585 | .03429 | .00799 | .01623 | .04877 | .10121 | .10187 | .00613 |
| #2 | .01791 | .03515 | .00814 | .01589 | .04728 | .08437 | .10237 | .00606 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00458 | 2.0497 | .01015 | .02832 | .02012 | .10374 | .01888 | 2.0006 |
| Stddev | .00015 | .0263  | .00024 | .00009 | .00010 | .00055 | .00012 | .0097  |
| %RSD   | 3.3742 | 1.2828 | 2.3614 | .31322 | .51794 | .53367 | .62859 | .48277 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00469 | 2.0311 | .01032 | .02826 | .02004 | .10413 | .01880 | 2.0074 |
| #2 | .00447 | 2.0683 | .00998 | .02839 | .02019 | .10335 | .01897 | 1.9938 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03918 | .00943 | 1.9980 | .04008 | .03836 | 2.0136 | .20860 | .09756 |
| Stddev | .00001 | .00033 | .0058  | .00013 | .00072 | .0220  | .00034 | .00673 |
| %RSD   | .02039 | 3.5230 | .28867 | .32121 | 1.8809 | 1.0940 | .16517 | 6.8983 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03919 | .00920 | 2.0021 | .04017 | .03785 | 2.0292 | .20836 | .09280 |
| #2 | .03917 | .00967 | 1.9939 | .03999 | .03887 | 1.9980 | .20885 | .10231 |

|        |         |        |        |        |        |        |        |  |
|--------|---------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F.00274 | .34765 | .04240 | .04185 | .01881 | .0164  | .02423 |  |
| Stddev | .00061  | .00067 | .00047 | .00194 | .00023 | .0002  | .00020 |  |
| %RSD   | 22.399  | .19330 | 1.1005 | 4.6331 | 1.2438 | 1.377  | .82274 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .00318 | .34812 | .04273 | .04322 | .01864 | .0163 | .02437 |  |
| #2 | .00231 | .34717 | .04207 | .04047 | .01897 | .0166 | .02409 |  |

Sample Name: LLICV01      Acquired: 1/4/2017 11:05:37      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLICV01      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       | 4115.7  | 74557.  | 5850.4  | 147.87 | 4037.3 |
| Stddev    | 13.5    | 100.    | 4.6     | 1.05   | 3.2    |
| %RSD      | .32817  | .13438  | .07947  | .71293 | .07837 |
| #1        | 4106.1  | 74486.  | 5847.1  | 148.62 | 4035.0 |
| #2        | 4125.2  | 74628.  | 5853.6  | 147.13 | 4039.5 |

Sample Name: ICB01      Acquired: 1/4/2017 11:09:39      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00262 | .00400 | .00410 | .00333 | .00184 | .00536 | .00054 | .00001 |
| Stddev | .00186 | .00124 | .00183 | .00120 | .00061 | .00127 | .00013 | .00001 |
| %RSD   | 70.774 | 31.034 | 44.746 | 36.027 | 32.993 | 23.651 | 24.584 | 136.22 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00394 | -.00488 | -.00539 | -.00248 | -.00141 | -.00625 | -.00063 | -.00002 |
| #2 | -.00131 | -.00312 | -.00280 | -.00418 | -.00227 | -.00446 | -.00045 | .00000  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00122 | .00780 | .00044 | .00136 | .00119 | .00238 | .00106 | .00868 |
| Stddev | .00003 | .00366 | .00002 | .00000 | .00004 | .00333 | .00001 | .00718 |
| %RSD   | 2.3135 | 46.939 | 4.3383 | .06769 | 3.1913 | 140.22 | .66725 | 82.741 |

|    |         |         |         |         |         |         |         |        |
|----|---------|---------|---------|---------|---------|---------|---------|--------|
| #1 | -.00120 | -.01038 | -.00043 | -.00136 | -.00122 | -.00473 | -.00106 | .01376 |
| #2 | -.00124 | -.00521 | -.00045 | -.00136 | -.00117 | -.00002 | -.00105 | .00360 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00085 | .00015 | .00500 | .00126 | .00184 | .09496 | .00273 | .00435 |
| Stddev | .00005 | .00012 | .00042 | .00017 | .00009 | .02362 | .00014 | .00098 |
| %RSD   | 6.2424 | 78.447 | 8.4124 | 13.659 | 4.6880 | 24.874 | 4.9593 | 22.513 |

|    |         |         |        |         |         |        |         |        |
|----|---------|---------|--------|---------|---------|--------|---------|--------|
| #1 | -.00081 | -.00023 | .00529 | -.00114 | -.00191 | .07826 | -.00263 | .00365 |
| #2 | -.00088 | -.00007 | .00470 | -.00138 | -.00178 | .11166 | -.00282 | .00504 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00328 | .00477 | .00170 | .00081 | .00338 | .0033  | .00064 |  |
| Stddev | .00041 | .00297 | .00007 | .00101 | .00071 | .0002  | .00002 |  |
| %RSD   | 12.569 | 62.347 | 4.1088 | 125.17 | 21.140 | 5.169  | 3.5839 |  |

|    |         |         |         |        |         |        |         |  |
|----|---------|---------|---------|--------|---------|--------|---------|--|
| #1 | -.00299 | -.00687 | -.00165 | .00152 | -.00389 | -.0034 | -.00062 |  |
| #2 | -.00358 | -.00267 | -.00175 | .00009 | -.00287 | -.0032 | -.00065 |  |

Sample Name: ICB01      Acquired: 1/4/2017 11:09:39      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICB01      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       | 4125.8  | 74432.  | 5846.5  | 147.71 | 4012.6 |
| Stddev    | 9.2     | 269.    | 5.6     | .53    | 8.5    |
| %RSD      | .22239  | .36130  | .09504  | .35685 | .21186 |
| #1        | 4119.3  | 74622.  | 5850.4  | 147.34 | 4006.6 |
| #2        | 4132.3  | 74242.  | 5842.6  | 148.09 | 4018.6 |

Sample Name: CRI01      Acquired: 1/4/2017 11:13:45      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |         |        |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203  | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01692 | .03513 | F.00685 | .01746 | .04690 | .10841 | .10230 | .00609 |
| Stddev | .00042 | .00064 | .00120  | .00133 | .00055 | .01601 | .00028 | .00003 |
| %RSD   | 2.4699 | 1.8121 | 17.522  | 7.6200 | 1.1637 | 14.770 | .27575 | .52683 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01721 | .03558 | .00770 | .01841 | .04651 | .11973 | .10210 | .00607 |
| #2 | .01662 | .03468 | .00600 | .01652 | .04728 | .09709 | .10250 | .00612 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00459 | 2.0591 | .01004 | .02814 | .01991 | .10693 | .01920 | 2.0209 |
| Stddev | .00017 | .0068  | .00011 | .00019 | .00024 | .00443 | .00031 | .0294  |
| %RSD   | 3.7526 | .32899 | 1.0535 | .68453 | 1.2171 | 4.1463 | 1.6184 | 1.4565 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00447 | 2.0639 | .01011 | .02801 | .01974 | .11006 | .01898 | 2.0001 |
| #2 | .00471 | 2.0543 | .00996 | .02828 | .02008 | .10379 | .01942 | 2.0417 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03906 | .00961 | 2.0083 | .03973 | .03787 | 1.9889 | .20977 | .09881 |
| Stddev | .00012 | .00023 | .0040  | .00014 | .00088 | .0383  | .00025 | .00525 |
| %RSD   | .31527 | 2.3824 | .20163 | .34257 | 2.3315 | 1.9253 | .12112 | 5.3136 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03897 | .00977 | 2.0112 | .03964 | .03849 | 1.9618 | .20995 | .10252 |
| #2 | .03914 | .00944 | 2.0055 | .03983 | .03725 | 2.0160 | .20959 | .09510 |

|        |         |        |        |        |        |        |        |  |
|--------|---------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F.00435 | .34426 | .04015 | .04178 | .01815 | .0159  | .02410 |  |
| Stddev | .00129  | .00051 | .00059 | .00184 | .00014 | .0006  | .00001 |  |
| %RSD   | 29.568  | .14787 | 1.4786 | 4.4075 | .79886 | 3.861  | .05874 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .00526 | .34462 | .04057 | .04308 | .01805 | .0155 | .02409 |  |
| #2 | .00344 | .34390 | .03973 | .04047 | .01825 | .0163 | .02411 |  |

Sample Name: CRI01      Acquired: 1/4/2017 11:13:45      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CRI01      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       | 4107.9  | 74250.  | 5818.9  | 148.98 | 4029.2 |
| Stddev    | 5.3     | 108.    | 2.8     | 3.20   | 1.6    |
| %RSD      | .13008  | .14483  | .04851  | 2.1466 | .03908 |
| #1        | 4111.7  | 74174.  | 5816.9  | 146.72 | 4030.3 |
| #2        | 4104.1  | 74326.  | 5820.9  | 151.24 | 4028.1 |

Sample Name: IC5A01      Acquired: 1/4/2017 11:17:50      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: IC5A01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00109 | .00017 | .09036 | .00956 | .00535 | 266.50 | .00509 | .00005 |
| Stddev | .00008 | .00186 | .00192 | .00018 | .00015 | 1.01   | .00034 | .00007 |
| %RSD   | 7.2681 | 1108.2 | 2.1255 | 1.9217 | 2.8665 | .37737 | 6.6160 | 120.04 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00114 | .00115  | .08900 | -.00943 | -.00546 | 267.21 | .00485 | -.00001 |
| #2 | -.00103 | -.00148 | .09171 | -.00969 | -.00524 | 265.79 | .00533 | -.00010 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00378 | 245.13 | .05271 | .00174 | .01134 | 95.773 | .01413 | 257.87 |
| Stddev | .00036 | .17    | .00024 | .00006 | .00054 | 2.177  | .00002 | .35    |
| %RSD   | 9.4854 | .06907 | .46279 | 3.4767 | 4.7684 | 2.2729 | .10934 | .13627 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00403 | 245.25 | .05254 | -.00178 | .01172 | 94.234 | .01414 | 257.63 |
| #2 | .00353 | 245.02 | .05288 | -.00170 | .01096 | 97.312 | .01411 | 258.12 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00426 | .00842 | .02827 | .00062 | .00296 | .09194 | .00122 | .08609 |
| Stddev | .00052 | .00005 | .00317 | .00027 | .00022 | .05998 | .00034 | .00243 |
| %RSD   | 12.193 | .62003 | 11.210 | 43.243 | 7.4171 | 65.235 | 28.116 | 2.8221 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .00463 | .00846 | .03051 | .00043 | .00281 | .04953 | -.00098 | .08781 |
| #2 | .00390 | .00839 | .02603 | .00081 | .00312 | .13435 | -.00146 | .08437 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .03286 | .04015 | .00045 | .00513 | .00026 | .0035  | .08506 |  |
| Stddev | .00482 | .00033 | .00082 | .00285 | .00023 | .0003  | .00003 |  |
| %RSD   | 14.671 | .83261 | 182.33 | 55.533 | 87.488 | 8.292  | .03495 |  |

|    |         |        |         |         |        |       |        |  |
|----|---------|--------|---------|---------|--------|-------|--------|--|
| #1 | -.02945 | .03991 | -.00013 | -.00714 | .00042 | .0033 | .08504 |  |
| #2 | -.03626 | .04038 | .00103  | -.00311 | .00010 | .0037 | .08508 |  |

Sample Name: ICSA01      Acquired: 1/4/2017 11:17:50      Type: Unk  
 Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: ICSA01      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       | 3736.1  | 37595.  | 5702.0  | 135.35 | 3408.2 |
| Stddev    | 9.7     | 352.    | 17.0    | 2.85   | 9.8    |
| %RSD      | .25960  | .52080  | .29875  | 2.1061 | .28900 |
| #1        | 3729.2  | 67346.  | 5689.9  | 137.36 | 3401.2 |
| #2        | 3742.9  | 67844.  | 5714.0  | 133.33 | 3415.1 |

Sample Name: ICSAB01      Acquired: 1/4/2017 11:22:00      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .09826 | .10013 | .14281 | .04034 | .58767 | 271.23 | .52930 | .54368 |
| Stddev | .00160 | .00037 | .00058 | .00020 | .00403 | .93    | .00074 | .00011 |
| %RSD   | 1.6267 | .36982 | .40469 | .49272 | .68577 | .34222 | .14037 | .01934 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .09712 | .09987 | .14321 | .04020 | .58482 | 271.88 | .52877 | .54360 |
| #2 | .09939 | .10040 | .14240 | .04048 | .59052 | 270.57 | .52982 | .54375 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .99819 | 245.17 | .56553 | .50574 | .51406 | 36.589 | .51968 | 258.31 |
| Stddev | .00002 | 1.03   | .00049 | .00038 | .00081 | .954   | .00206 | 1.14   |
| %RSD   | .00214 | .41836 | .08645 | .07427 | .15722 | .98806 | .39670 | .43962 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .99817 | 244.45 | .56519 | .50601 | .51464 | 97.264 | .51822 | 257.51 |
| #2 | .99820 | 245.90 | .56588 | .50548 | .51349 | 95.914 | .52114 | 259.11 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0031 | .20193 | .02525 | .51912 | 1.0127 | .06728 | .42664 | .48565 |
| Stddev | .0004  | .00033 | .00123 | .00011 | .0086  | .03727 | .00028 | .00776 |
| %RSD   | .03767 | .16551 | 4.8801 | .02188 | .85102 | 55.400 | .06602 | 1.5971 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0034 | .20217 | .02438 | .51920 | 1.0188 | .09363 | .42684 | .48017 |
| #2 | 1.0029 | .20169 | .02612 | .51904 | 1.0066 | .04092 | .42644 | .49114 |

|        |         |        |        |        |         |        |        |  |
|--------|---------|--------|--------|--------|---------|--------|--------|--|
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707  | P_1774 | Sr4077 |  |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |  |
| Avg    | -.02923 | .34649 | .43143 | .40831 | -.00127 | -.0021 | .08601 |  |
| Stddev | .00111  | .00325 | .00212 | .00163 | .00157  | .0023  | .00007 |  |
| %RSD   | 3.7899  | .93775 | .49046 | .39956 | 123.73  | 112.8  | .08098 |  |

|    |         |        |        |        |         |        |        |  |
|----|---------|--------|--------|--------|---------|--------|--------|--|
| #1 | -.02844 | .34419 | .42994 | .40715 | -.00238 | -.0037 | .08606 |  |
| #2 | -.03001 | .34879 | .43293 | .40946 | -.00016 | -.0004 | .08596 |  |

Sample Name: ICSAB01      Acquired: 1/4/2017 11:22:00      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB01      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       | 3707.2  | 37341.  | 5732.6  | 135.48 | 3372.3 |
| Stddev    | 11.5    | 56.     | 17.2    | 1.65   | 14.3   |
| %RSD      | .30938  | .08331  | .29921  | 1.2195 | .42338 |
| #1        | 3699.1  | 67301.  | 5744.8  | 134.31 | 3362.2 |
| #2        | 3715.3  | 67381.  | 5720.5  | 136.65 | 3382.4 |

Sample Name: CCV01      Acquired: 1/4/2017 11:26:03      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV01      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    | 4.8877 | 4.8949 | 4.8333 | 4.9458 | 4.9149 | 3.6372 | 10.020 | 2.4958 | 2.4349 |
| Stddev | .0145  | .0081  | .0049  | .0027  | .0019  | .0198  | .071   | .00029 | .0022  |
| %RSD   | .29750 | .16519 | .10193 | .05529 | .03826 | .20494 | .70399 | .11543 | .08863 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.8980 | 4.9006 | 4.8368 | 4.9438 | 4.9136 | 9.6511 | 9.9703 | 2.4938 | 2.4364 |
| #2 | 4.8774 | 4.8891 | 4.8298 | 4.9477 | 4.9163 | 9.6232 | 10.070 | 2.4978 | 2.4333 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.965 | .98194 | 2.4284 | 1.2332 | 4.6661 | 2.4340 | 24.489 | 2.4428 | 1.2152 |
| Stddev | .031   | .00208 | .0013  | .0027  | .1191  | .0079  | .080   | .0029  | .0032  |
| %RSD   | .12368 | .21160 | .05136 | .22050 | 2.5514 | .32372 | .32857 | .11939 | .26161 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.986 | .98340 | 2.4293 | 1.2351 | 4.5820 | 2.4395 | 24.432 | 2.4449 | 1.2175 |
| #2 | 24.943 | .98047 | 2.4275 | 1.2313 | 4.7503 | 2.4284 | 24.546 | 2.4407 | 1.2130 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 24.607 | 2.4919 | 2.3332 | 23.418 | 4.9659 | 4.7801 | 4.8427 | 4.8233 | 4.8497 |
| Stddev | .041   | .0059  | .0428  | .150   | .0021  | .0538  | .0089  | .0366  | .0091  |
| %RSD   | .16791 | .23715 | 1.8349 | .63910 | .04294 | 1.1259 | .18401 | .75846 | .18818 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.577 | 2.4961 | 2.3029 | 23.313 | 4.9674 | 4.7421 | 4.8490 | 4.7974 | 4.8562 |
| #2 | 24.636 | 2.4877 | 2.3634 | 23.524 | 4.9644 | 4.8182 | 4.8364 | 4.8491 | 4.8433 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9181 | 5.0259 | 4.859  | 4.9167 |
| Stddev | .0212  | .0063  | .012   | .0274  |
| %RSD   | .43085 | .12503 | .2358  | .55691 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.9031 | 5.0304 | 4.867 | 4.8973 |
| #2 | 4.9331 | 5.0215 | 4.850 | 4.9360 |

Sample Name: CCV01      Acquired: 1/4/2017 11:26:03      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV01      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       | 4004.3  | 72742.  | 5840.8  | 147.46 | 3774.6 |
| Stddev    | 10.4    | 228.    | 10.9    | 2.66   | 11.0   |
| %RSD      | .25909  | .31338  | .18606  | 1.8056 | .29061 |
| #1        | 3996.9  | 72581.  | 5848.5  | 149.34 | 3766.8 |
| #2        | 4011.6  | 72903.  | 5833.1  | 145.58 | 3782.3 |

Sample Name: LLCCV01      Acquired: 1/4/2017 11:30:01      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |         |        |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203  | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01899 | .03537 | F.00767 | .01728 | .04786 | .09777 | .10200 | .00615 |
| Stddev | .00310 | .00158 | .00096  | .00198 | .00106 | .00140 | .00013 | .00008 |
| %RSD   | 16.327 | 4.4591 | 12.556  | 11.433 | 2.2057 | 1.4364 | .12600 | 1.3557 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02118 | .03648 | .00699 | .01588 | .04861 | .09876 | .10209 | .00609 |
| #2 | .01680 | .03425 | .00835 | .01868 | .04712 | .09677 | .10191 | .00621 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00449 | 2.0594 | .01039 | .02811 | .02065 | .11190 | .01899 | 2.0131 |
| Stddev | .00002 | .0257  | .00038 | .00008 | .00035 | .00879 | .00003 | .0366  |
| %RSD   | .38056 | 1.2490 | 3.6389 | .29799 | 1.7004 | 7.8561 | .17726 | 1.8160 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00450 | 2.0412 | .01066 | .02805 | .02089 | .11811 | .01901 | 2.0390 |
| #2 | .00448 | 2.0776 | .01013 | .02816 | .02040 | .10568 | .01896 | 1.9873 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03898 | .00964 | 1.9944 | .03909 | .03866 | 1.9741 | .20830 | .08959 |
| Stddev | .00013 | .00009 | .0032  | .00048 | .00008 | .0105  | .00126 | .01233 |
| %RSD   | .32694 | .94478 | .15878 | 1.2375 | .20998 | .53353 | .60356 | 13.761 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03907 | .00971 | 1.9922 | .03875 | .03860 | 1.9666 | .20919 | .08087 |
| #2 | .03889 | .00958 | 1.9966 | .03943 | .03871 | 1.9815 | .20741 | .09830 |

|        |         |        |        |        |        |        |        |  |
|--------|---------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F.00213 | .34675 | .04126 | .04104 | .01808 | .0164  | .02382 |  |
| Stddev | .00145  | .00005 | .00071 | .00092 | .00023 | .0008  | .00007 |  |
| %RSD   | 68.088  | .01354 | 1.7297 | 2.2493 | 1.2536 | 4.860  | .27537 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .00110 | .34678 | .04176 | .04169 | .01824 | .0170 | .02387 |  |
| #2 | .00315 | .34671 | .04075 | .04039 | .01792 | .0158 | .02378 |  |

Sample Name: LLCCV01      Acquired: 1/4/2017 11:30:01      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLCCV01      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       | 4077.8  | 74102.  | 5804.8  | 146.66 | 4000.2 |
| Stddev    | 13.3    | 113.    | 29.4    | .03    | .7     |
| %RSD      | .32565  | .15298  | .50614  | .02191 | .01626 |
| #1        | 4068.4  | 74021.  | 5825.6  | 146.64 | 4000.6 |
| #2        | 4087.2  | 74182.  | 5784.0  | 146.69 | 3999.7 |

Sample Name: CCB01      Acquired: 1/4/2017 11:34:07      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |         |         |         |         |         |         |         |         |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Elem   | As1890  | Tl1908  | Pb2203  | Se1960  | Sb2068  | Al3961  | Ba4934  | Be2348  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | .00127  | .00401  | .00374  | .00427  | .00229  | .00156  | .00096  | .00012  |
| Stddev | .00101  | .00015  | .00062  | .00259  | .00070  | .01168  | .00011  | .00002  |
| %RSD   | 79.789  | 3.7555  | 16.701  | 60.671  | 30.763  | 748.49  | 11.795  | 19.326  |
| #1     | -.00198 | -.00391 | -.00418 | -.00244 | -.00278 | -.00670 | -.00104 | -.00014 |
| #2     | -.00055 | -.00412 | -.00330 | -.00611 | -.00179 | .00982  | -.00088 | -.00010 |
| Elem   | Cd2265  | Ca3736  | Cr2677  | Co2286  | Cu2247  | Fe2404  | Mn2576  | Mg2790  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | .00111  | .00843  | .00037  | .00128  | .00128  | .00336  | .00105  | .00236  |
| Stddev | .00008  | .00584  | .00032  | .00011  | .00008  | .00474  | .00001  | .00177  |
| %RSD   | 7.2578  | 69.328  | 86.950  | 8.2501  | 6.3064  | 141.00  | 1.0831  | 75.031  |
| #1     | -.00116 | -.00430 | -.00014 | -.00135 | -.00122 | .00001  | -.00105 | .00362  |
| #2     | -.00105 | -.01256 | -.00060 | -.00121 | -.00133 | .00672  | -.00106 | .00111  |
| Elem   | Ni2316  | Ag3280  | Na5895  | V_2924  | Zn2138  | K_7664  | Mo2020  | B_2496  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | .00089  | .00034  | .00757  | .00116  | .00180  | .11743  | .00288  | .00455  |
| Stddev | .00020  | .00027  | .00005  | .00021  | .00006  | .01423  | .00044  | .00159  |
| %RSD   | 22.137  | 80.534  | .62795  | 17.890  | 3.1996  | 12.116  | 15.269  | 34.896  |
| #1     | -.00075 | -.00015 | -.00754 | -.00131 | -.00176 | .10737  | -.00319 | .00567  |
| #2     | -.00103 | -.00053 | -.00760 | -.00102 | -.00184 | .12749  | -.00256 | .00343  |
| Elem   | S_1820  | Si2881  | Sn1899  | Ti3361  | Li6707  | P_1774  | Sr4077  |         |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |         |
| Avg    | .00349  | .00529  | .00168  | .00157  | .00386  | .0032   | .00059  |         |
| Stddev | .00062  | .00138  | .00023  | .00035  | .00011  | .0010   | .00018  |         |
| %RSD   | 17.674  | 26.127  | 13.765  | 22.348  | 2.9599  | 32.30   | 31.094  |         |
| #1     | -.00392 | -.00431 | -.00152 | -.00132 | -.00378 | -.0025  | -.00046 |         |
| #2     | -.00305 | -.00626 | -.00185 | -.00182 | -.00394 | -.0039  | -.00072 |         |

Sample Name: CCB01      Acquired: 1/4/2017 11:34:07      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB01      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       | 4123.6  | 74850.  | 5841.7  | 144.64 | 4017.5 |
| Stddev    | 1.6     | 117.    | 18.9    | .67    | 9.6    |
| %RSD      | .03812  | .15600  | .32299  | .46443 | .23901 |
| #1        | 4122.5  | 74932.  | 5828.4  | 145.11 | 4010.7 |
| #2        | 4124.7  | 74767.  | 5855.0  | 144.16 | 4024.3 |

Sample Name: B 50PPM      Acquired: 1/4/2017 11:38:17      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LR STUDY      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00055 | .00274 | .00321 | .00507 | .00283 | .00344 | .00071 | .00012 |
| Stddev | .00082 | .00034 | .00010 | .00021 | .00128 | .00979 | .00063 | .00010 |
| %RSD   | 149.14 | 12.445 | 3.0629 | 4.0884 | 45.205 | 284.97 | 88.096 | 89.375 |

|    |         |         |         |         |         |         |         |        |
|----|---------|---------|---------|---------|---------|---------|---------|--------|
| #1 | .00003  | -.00250 | -.00328 | -.00522 | -.00193 | -.01036 | -.00116 | .00004 |
| #2 | -.00113 | -.00298 | -.00314 | -.00492 | -.00374 | .00349  | -.00027 | .00019 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00115 | .00912 | .00000 | .00140 | .00015 | .00202 | .00063 | .00986 |
| Stddev | .00006 | .00262 | .00008 | .00006 | .00030 | .00039 | .00009 | .01202 |
| %RSD   | 5.5821 | 28.744 | 4910.1 | 4.3807 | 207.04 | 19.318 | 14.377 | 121.91 |

|    |         |        |         |         |         |         |         |        |
|----|---------|--------|---------|---------|---------|---------|---------|--------|
| #1 | -.00111 | .00726 | -.00005 | -.00136 | -.00036 | -.00174 | -.00069 | .01836 |
| #2 | -.00120 | .01097 | .00006  | -.00144 | .00007  | -.00230 | -.00057 | .00136 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00102 | .00056 | .01083 | .00064 | .00157 | .10805 | .00194 | 47.461 |
| Stddev | .00006 | .00021 | .00228 | .00044 | .00002 | .00714 | .00025 | .160   |
| %RSD   | 5.9471 | 38.024 | 21.054 | 68.695 | 1.2365 | 6.6092 | 12.809 | .33766 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00107 | -.00070 | -.01244 | -.00095 | -.00155 | .11310 | -.00176 | 47.347 |
| #2 | -.00098 | -.00041 | -.00921 | -.00033 | -.00158 | .10300 | -.00211 | 47.574 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00019 | .00546 | .00098 | .00127 | .00377 | .0029  | .00064 |  |
| Stddev | .00202 | .00124 | .00045 | .00106 | .00145 | .0012  | .00010 |  |
| %RSD   | 1080.5 | 22.760 | 46.280 | 83.422 | 38.587 | 43.18  | 15.453 |  |

|    |         |         |         |        |         |        |         |  |
|----|---------|---------|---------|--------|---------|--------|---------|--|
| #1 | -.00124 | -.00634 | -.00130 | .00052 | -.00274 | -.0020 | -.00071 |  |
| #2 | .00162  | -.00458 | -.00066 | .00202 | -.00479 | -.0038 | -.00057 |  |

Sample Name: B 50PPM      Acquired: 1/4/2017 11:38:17      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LR STUDY      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       | 4091.4  | 74432.  | 5863.7  | 148.52 | 4030.6 |
| Stddev    | 9.1     | 123.    | 22.3    | 3.37   | 2.9    |
| %RSD      | .22226  | .16589  | .37974  | 2.2673 | .07235 |
| #1        | 4085.0  | 74519.  | 5879.5  | 150.90 | 4028.5 |
| #2        | 4097.8  | 74345.  | 5848.0  | 146.14 | 4032.6 |

Sample Name: B 75PPM      Acquired: 1/4/2017 11:42:25      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LR STUDY      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00069 | .00300 | .00279 | .00727 | .00223 | .00692 | .00088 | .00002 |
| Stddev | .00371 | .00026 | .00033 | .00036 | .00266 | .00917 | .00023 | .00004 |
| %RSD   | 536.95 | 8.5966 | 11.977 | 4.9188 | 119.42 | 132.55 | 26.134 | 152.10 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | .00193  | -.00282 | -.00255 | -.00752 | -.00035 | -.01340 | -.00104 | .00000  |
| #2 | -.00332 | -.00318 | -.00303 | -.00702 | -.00411 | -.00043 | -.00072 | -.00005 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00137 | .00920 | .00038 | .00164 | .00045 | .00022 | .00088 | .01314 |
| Stddev | .00000 | .00751 | .00003 | .00008 | .00026 | .00351 | .00003 | .00018 |
| %RSD   | .06214 | 81.563 | 7.6938 | 4.5936 | 57.553 | 1603.4 | 3.2027 | 1.3322 |

|    |         |        |         |         |        |         |         |        |
|----|---------|--------|---------|---------|--------|---------|---------|--------|
| #1 | -.00137 | .00390 | -.00040 | -.00159 | .00026 | .00226  | -.00086 | .01302 |
| #2 | -.00137 | .01451 | -.00036 | -.00169 | .00063 | -.00270 | -.00090 | .01326 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00127 | .00087 | .00940 | .00102 | .00188 | .11013 | .00239 | 71.405 |
| Stddev | .00041 | .00003 | .00979 | .00028 | .00007 | .02278 | .00014 | .052   |
| %RSD   | 32.102 | 3.2144 | 104.13 | 27.219 | 3.5249 | 20.688 | 5.9274 | .07314 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00098 | -.00089 | -.00248 | -.00121 | -.00192 | .12624 | -.00229 | 71.368 |
| #2 | -.00156 | -.00085 | -.01632 | -.00082 | -.00183 | .09402 | -.00249 | 71.442 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00287 | .00509 | .00109 | .00037 | .00372 | .0045  | .00052 |  |
| Stddev | .00085 | .00095 | .00030 | .00011 | .00002 | .0002  | .00018 |  |
| %RSD   | 29.727 | 18.665 | 27.989 | 30.436 | .46453 | 4.245  | 34.475 |  |

|    |        |         |         |         |         |        |         |  |
|----|--------|---------|---------|---------|---------|--------|---------|--|
| #1 | .00227 | -.00442 | -.00130 | -.00045 | -.00371 | -.0046 | -.00065 |  |
| #2 | .00347 | -.00576 | -.00087 | -.00029 | -.00374 | -.0044 | -.00039 |  |

Sample Name: B 75PPM      Acquired: 1/4/2017 11:42:25      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LR STUDY      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       | 4117.4  | 74717.  | 5862.2  | 148.89 | 4046.7 |
| Stddev    | 15.6    | 267.    | 19.0    | .71    | 3.5    |
| %RSD      | .37778  | .35794  | .32426  | .47580 | .08727 |
| #1        | 4106.4  | 74528.  | 5848.8  | 148.39 | 4044.2 |
| #2        | 4128.4  | 74907.  | 5875.6  | 149.39 | 4049.1 |

Sample Name: B 100PPM      Acquired: 1/4/2017 11:46:33      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LR STUDY      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00034 | .00263 | .00215 | .00671 | .00322 | .00448 | .00093 | .00009 |
| Stddev | .00042 | .00043 | .00097 | .00012 | .00259 | .00106 | .00037 | .00016 |
| %RSD   | 124.18 | 16.500 | 45.079 | 1.7685 | 80.305 | 23.611 | 40.121 | 173.69 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00004 | -.00294 | -.00284 | -.00679 | -.00139 | -.00373 | -.00066 | .00021  |
| #2 | -.00064 | -.00233 | -.00147 | -.00663 | -.00505 | -.00523 | -.00119 | -.00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00143 | .00081 | .00071 | .00168 | .00067 | .00056 | .00088 | .01811 |
| Stddev | .00002 | .00534 | .00077 | .00016 | .00013 | .00112 | .00003 | .00506 |
| %RSD   | 1.4557 | 660.20 | 109.38 | 9.4611 | 18.938 | 201.45 | 3.0975 | 27.917 |

|    |         |         |         |         |        |         |         |         |
|----|---------|---------|---------|---------|--------|---------|---------|---------|
| #1 | -.00141 | -.00459 | -.00016 | -.00156 | .00076 | .00135  | -.00089 | -.01454 |
| #2 | -.00144 | .00297  | -.00126 | -.00179 | .00058 | -.00024 | -.00086 | -.02169 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00111 | .00125 | .00765 | .00136 | .00177 | .09111 | .00247 | 95.923 |
| Stddev | .00003 | .00047 | .00529 | .00010 | .00002 | .00912 | .00035 | .176   |
| %RSD   | 2.7284 | 37.901 | 69.091 | 7.2434 | 1.2926 | 10.012 | 14.208 | .18310 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00109 | -.00158 | -.00391 | -.00143 | -.00175 | .09756 | -.00222 | 95.799 |
| #2 | -.00113 | -.00091 | -.01139 | -.00129 | -.00179 | .08466 | -.00272 | 96.047 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00084 | .00415 | .00171 | .00005 | .00354 | .0035  | .00067 |
| Stddev | .00238 | .00116 | .00100 | .00031 | .00052 | .0020  | .00006 |
| %RSD   | 284.26 | 27.923 | 58.396 | 636.49 | 14.689 | 55.88  | 8.4551 |

|    |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|--------|---------|
| #1 | .00252  | -.00333 | -.00100 | .00027  | -.00317 | -.0049 | -.00063 |
| #2 | -.00084 | -.00498 | -.00241 | -.00017 | -.00391 | -.0021 | -.00071 |

Sample Name: B 100PPM      Acquired: 1/4/2017 11:46:33      Type: Unk  
 Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: LR STUDY      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       | 4089.3  | 74737.  | 5841.8  | 147.42 | 4031.1 |
| Stddev    | 8.2     | 184.    | 11.9    | 1.19   | 14.5   |
| %RSD      | .19960  | .24683  | .20402  | .80699 | .36011 |
| #1        | 4083.5  | 74606.  | 5833.3  | 148.26 | 4020.9 |
| #2        | 4095.0  | 74867.  | 5850.2  | 146.57 | 4041.4 |

Sample Name: TL 50PPM      Acquired: 1/4/2017 11:50:41      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LR STUDY      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00369 | 46.200 | .00479 | .00315 | .00247 | .00610 | .00088 | .00002 |
| Stddev | .00183 | .009   | .00005 | .00175 | .00161 | .00340 | .00020 | .00005 |
| %RSD   | 49.471 | .01872 | 1.0988 | 55.623 | 65.238 | 55.732 | 23.265 | 268.17 |

|    |         |        |         |         |         |        |         |         |
|----|---------|--------|---------|---------|---------|--------|---------|---------|
| #1 | -.00498 | 46.206 | -.00483 | -.00439 | -.00133 | .00850 | -.00073 | -.00002 |
| #2 | -.00240 | 46.194 | -.00475 | -.00191 | -.00361 | .00369 | -.00102 | .00005  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00104 | .00092 | .00024 | .00137 | .00117 | .00098 | .00096 | .02126 |
| Stddev | .00003 | .00401 | .00035 | .00000 | .00008 | .01285 | .00004 | .02342 |
| %RSD   | 3.3634 | 436.57 | 141.00 | .32702 | 6.5190 | 1315.6 | 4.4939 | 110.19 |

|    |         |         |         |         |         |         |         |        |
|----|---------|---------|---------|---------|---------|---------|---------|--------|
| #1 | -.00106 | -.00375 | .00000  | -.00136 | -.00123 | .01006  | -.00099 | .03782 |
| #2 | -.00102 | .00192  | -.00049 | -.00137 | -.00112 | -.00811 | -.00093 | .00469 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01045 | .00026 | .00803 | .00102 | .00172 | .11931 | .00284 | .14681 |
| Stddev | .00001 | .00010 | .00052 | .00002 | .00002 | .00501 | .00007 | .00516 |
| %RSD   | .10383 | 38.125 | 6.5034 | 1.6697 | 1.1391 | 4.2027 | 2.3737 | 3.5142 |

|    |        |         |         |         |         |        |         |        |
|----|--------|---------|---------|---------|---------|--------|---------|--------|
| #1 | .01046 | -.00019 | -.00840 | -.00100 | -.00171 | .12286 | -.00280 | .15045 |
| #2 | .01045 | -.00033 | -.00766 | -.00103 | -.00174 | .11577 | -.00289 | .14316 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00426 | .00808 | .00174 | .00064 | .00524 | .0029  | .00064 |  |
| Stddev | .00031 | .00159 | .00020 | .00076 | .00089 | .0011  | .00002 |  |
| %RSD   | 7.3068 | 19.634 | 11.382 | 117.68 | 17.021 | 37.15  | 3.6799 |  |

|    |         |         |         |        |         |        |         |  |
|----|---------|---------|---------|--------|---------|--------|---------|--|
| #1 | -.00404 | -.00921 | -.00188 | .00011 | -.00461 | -.0037 | -.00062 |  |
| #2 | -.00448 | -.00696 | -.00160 | .00118 | -.00587 | -.0021 | -.00065 |  |

Sample Name: TL 50PPM      Acquired: 1/4/2017 11:50:41      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LR STUDY      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       | 4089.1  | 74794.  | 5838.4  | 149.23 | 4038.5 |
| Stddev    | 4.6     | 494.    | 31.6    | 1.89   | 1.6    |
| %RSD      | .11362  | .66029  | .54137  | 1.2643 | .04047 |
| #1        | 4085.8  | 74445.  | 5816.1  | 150.56 | 4039.7 |
| #2        | 4092.4  | 75144.  | 5860.8  | 147.89 | 4037.4 |

Sample Name: TL 70PPM      Acquired: 1/4/2017 11:54:46      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LR STUDY      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00356 | 39.315 | .00448 | .00411 | .00113 | .00090 | .00079 | .00001 |
| Stddev | .00170 | .105   | .00062 | .00042 | .00010 | .00656 | .00021 | .00003 |
| %RSD   | 47.799 | .15099 | 13.749 | 10.142 | 9.1766 | 728.96 | 26.966 | 348.31 |

|    |         |        |         |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|---------|
| #1 | -.00235 | 69.389 | -.00404 | -.00382 | -.00105 | -.00554 | -.00064 | -.00003 |
| #2 | -.00476 | 69.241 | -.00491 | -.00441 | -.00120 | .00374  | -.00094 | .00001  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00110 | .00380 | .00011 | .00137 | .00129 | .00198 | .00091 | .00166 |
| Stddev | .00010 | .01034 | .00016 | .00018 | .00027 | .00181 | .00009 | .00232 |
| %RSD   | 8.7061 | 272.20 | 141.64 | 13.113 | 20.632 | 91.611 | 9.9970 | 139.36 |

|    |         |         |        |         |         |        |         |        |
|----|---------|---------|--------|---------|---------|--------|---------|--------|
| #1 | -.00116 | .01111  | .00022 | -.00150 | -.00148 | .00326 | -.00085 | .00002 |
| #2 | -.00103 | -.00351 | .00000 | -.00124 | -.00110 | .00070 | -.00098 | .00330 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01684 | .00050 | .01202 | .00133 | .00830 | .11318 | .00275 | .07919 |
| Stddev | .00016 | .00045 | .00557 | .00047 | .00007 | .03082 | .00005 | .00860 |
| %RSD   | .96143 | 88.466 | 46.290 | 35.276 | .90022 | 27.234 | 1.7039 | 10.858 |

|    |        |         |         |         |        |        |         |        |
|----|--------|---------|---------|---------|--------|--------|---------|--------|
| #1 | .01695 | -.00019 | -.01596 | -.00100 | .00836 | .13498 | -.00272 | .08527 |
| #2 | .01672 | -.00082 | -.00809 | -.00166 | .00825 | .09139 | -.00278 | .07311 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00471 | .00553 | .00198 | .00037 | .00355 | .0028  | .00061 |  |
| Stddev | .00209 | .00049 | .00059 | .00052 | .00000 | .0002  | .00011 |  |
| %RSD   | 44.269 | 8.8291 | 29.629 | 141.89 | .07787 | 8.102  | 17.424 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00324 | -.00519 | -.00157 | .00000  | -.00355 | -.0029 | -.00053 |  |
| #2 | -.00619 | -.00588 | -.00240 | -.00074 | -.00355 | -.0026 | -.00068 |  |

Sample Name: TL 70PPM      Acquired: 1/4/2017 11:54:46      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LR STUDY      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       | 4079.0  | 73708.  | 5797.1  | 147.97 | 4009.1 |
| Stddev    | 16.1    | 142.    | 17.4    | 1.07   | 14.4   |
| %RSD      | .39516  | .19316  | .29955  | .72332 | .35940 |
| #1        | 4067.6  | 73808.  | 5809.3  | 147.21 | 3998.9 |
| #2        | 4090.4  | 73607.  | 5784.8  | 148.73 | 4019.3 |

Sample Name: TL 90PPM      Acquired: 1/4/2017 11:58:51      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LR STUDY      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00295 | 90.450 | .00418 | .00348 | .00271 | .00150 | .00063 | .00001 |
| Stddev | .00202 | .066   | .00006 | .00207 | .00034 | .00686 | .00015 | .00002 |
| %RSD   | 68.454 | .07298 | 1.5218 | 59.277 | 12.376 | 458.22 | 23.599 | 198.40 |

|    |         |        |         |         |         |         |         |        |
|----|---------|--------|---------|---------|---------|---------|---------|--------|
| #1 | -.00437 | 90.404 | -.00423 | -.00202 | -.00247 | -.00635 | -.00074 | .00002 |
| #2 | -.00152 | 90.497 | -.00414 | -.00494 | -.00294 | .00335  | -.00053 | .00000 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00113 | .00479 | .00024 | .00145 | .00113 | .00393 | .00100 | .04664 |
| Stddev | .00006 | .00279 | .00007 | .00011 | .00031 | .00596 | .00001 | .03353 |
| %RSD   | 5.4019 | 58.266 | 29.590 | 7.7718 | 27.560 | 151.64 | .90125 | 71.890 |

|    |         |        |         |         |         |         |         |        |
|----|---------|--------|---------|---------|---------|---------|---------|--------|
| #1 | -.00117 | .00676 | -.00019 | -.00153 | -.00091 | .00815  | -.00099 | .07035 |
| #2 | -.00108 | .00282 | -.00029 | -.00137 | -.00135 | -.00028 | -.00101 | .02293 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02228 | .00008 | .00849 | .00101 | .00155 | .06660 | .00259 | .05413 |
| Stddev | .00074 | .00024 | .00578 | .00006 | .00003 | .00070 | .00004 | .00041 |
| %RSD   | 3.3321 | 288.48 | 68.009 | 6.3980 | 2.0677 | 1.0554 | 1.6882 | .75489 |

|    |        |         |         |         |         |        |         |        |
|----|--------|---------|---------|---------|---------|--------|---------|--------|
| #1 | .02280 | -.00026 | -.00441 | -.00106 | -.00157 | .06610 | -.00262 | .05442 |
| #2 | .02175 | .00009  | -.01258 | -.00097 | -.00152 | .06710 | -.00256 | .05384 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00293 | .00554 | .00233 | .00011 | .00511 | .0025  | .00046 |  |
| Stddev | .00182 | .00010 | .00035 | .00022 | .00058 | .0010  | .00006 |  |
| %RSD   | 62.314 | 1.8735 | 15.019 | 190.53 | 11.436 | 38.08  | 13.760 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00164 | -.00547 | -.00258 | .00027  | -.00553 | -.0032 | -.00041 |  |
| #2 | -.00421 | -.00561 | -.00209 | -.00004 | -.00470 | -.0018 | -.00050 |  |

Sample Name: TL 90PPM      Acquired: 1/4/2017 11:58:51      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LR STUDY      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       | 4098.8  | 74304.  | 5827.7  | 148.42 | 4028.5 |
| Stddev    | 13.3    | 209.    | 41.8    | 1.22   | 1.7    |
| %RSD      | .32536  | .28173  | .71749  | .82074 | .04150 |
| #1        | 4089.4  | 74156.  | 5857.3  | 147.56 | 4027.3 |
| #2        | 4108.3  | 74452.  | 5798.2  | 149.28 | 4029.7 |

Sample Name: V 50PPM      Acquired: 1/4/2017 12:02:56      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LR STUDY      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00328 | .03090 | .01143 | .00329 | .02205 | .00225 | .00094 | .00001 |
| Stddev | .00115 | .00330 | .00050 | .00130 | .00114 | .00620 | .00019 | .00003 |
| %RSD   | 35.017 | 10.685 | 4.3585 | 39.369 | 5.1569 | 276.31 | 19.665 | 230.67 |

|    |         |         |         |         |        |         |         |         |
|----|---------|---------|---------|---------|--------|---------|---------|---------|
| #1 | -.00409 | -.03323 | -.01178 | -.00237 | .02124 | .00214  | -.00108 | -.00004 |
| #2 | -.00247 | -.02856 | -.01108 | -.00421 | .02285 | -.00663 | -.00081 | .00001  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00083 | .00814 | .00140 | .00063 | .00277 | .00739 | .00250 | .01062 |
| Stddev | .00012 | .00885 | .00016 | .00033 | .00005 | .00411 | .00004 | .01531 |
| %RSD   | 13.992 | 108.67 | 11.460 | 52.958 | 1.6266 | 55.564 | 1.4489 | 144.19 |

|    |         |        |        |         |         |         |         |         |
|----|---------|--------|--------|---------|---------|---------|---------|---------|
| #1 | -.00074 | .00189 | .00151 | -.00039 | -.00273 | -.00449 | -.00247 | .02144  |
| #2 | -.00091 | .01440 | .00128 | -.00087 | -.00280 | -.01029 | -.00253 | -.00021 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00102 | .03984 | .00068 | 48.896 | .00154 | .08224 | .01361 | .03982 |
| Stddev | .00005 | .00008 | .00774 | .277   | .00008 | .07690 | .00005 | .00081 |
| %RSD   | 5.0641 | .21323 | 1141.9 | .56727 | 5.0102 | 93.506 | .34530 | 2.0337 |

|    |         |         |         |        |         |        |         |        |
|----|---------|---------|---------|--------|---------|--------|---------|--------|
| #1 | -.00106 | -.03990 | .00479  | 48.700 | -.00149 | .13662 | -.01358 | .04039 |
| #2 | -.00098 | -.03978 | -.00615 | 49.093 | -.00160 | .02786 | -.01364 | .03924 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00041 | .02908 | .00265 | .00532 | .00355 | .0039  | .00063 |  |
| Stddev | .00116 | .00016 | .00029 | .00105 | .00001 | .0003  | .00002 |  |
| %RSD   | 284.25 | .55739 | 10.762 | 19.820 | .41019 | 7.346  | 3.4495 |  |

|    |         |         |         |        |         |       |         |  |
|----|---------|---------|---------|--------|---------|-------|---------|--|
| #1 | -.00122 | -.02897 | -.00245 | .00606 | -.00356 | .0041 | -.00061 |  |
| #2 | .00041  | -.02920 | -.00285 | .00457 | -.00354 | .0037 | -.00064 |  |

Sample Name: V 50PPM      Acquired: 1/4/2017 12:02:56      Type: Unk  
 Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: LR STUDY      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       | 4051.9  | 74215.  | 5891.3  | 148.80 | 3972.6 |
| Stddev    | 24.5    | 124.    | 6.9     | 2.40   | 14.0   |
| %RSD      | .60387  | .16765  | .11653  | 1.6114 | .35266 |
| #1        | 4069.2  | 74303.  | 5896.1  | 150.50 | 3982.5 |
| #2        | 4034.6  | 74127.  | 5886.4  | 147.10 | 3962.7 |

Sample Name: V 75PPM      Acquired: 1/4/2017 12:07:07      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LR STUDY      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00635 | .09723 | .01419 | .00248 | .03181 | .01152 | .00124 | .00000 |
| Stddev | .00150 | .01202 | .00075 | .00146 | .00129 | .00073 | .00058 | .00001 |
| %RSD   | 23.602 | 12.360 | 5.2770 | 58.586 | 4.0558 | 6.3105 | 46.540 | 1281.2 |

|    |         |         |         |         |        |         |         |         |
|----|---------|---------|---------|---------|--------|---------|---------|---------|
| #1 | -.00529 | -.08873 | -.01366 | -.00145 | .03273 | -.01203 | -.00165 | .00001  |
| #2 | -.00741 | -.10573 | -.01472 | -.00351 | .03090 | -.01100 | -.00083 | -.00001 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00051 | .00248 | .00241 | .00069 | .00385 | .00275 | .00334 | .00782 |
| Stddev | .00000 | .00420 | .00032 | .00008 | .00037 | .00589 | .00010 | .00835 |
| %RSD   | .00193 | 169.17 | 13.444 | 11.960 | 9.5853 | 214.35 | 3.0336 | 106.80 |

|    |         |         |        |         |         |         |         |        |
|----|---------|---------|--------|---------|---------|---------|---------|--------|
| #1 | -.00051 | -.00545 | .00218 | -.00075 | -.00411 | -.00691 | -.00327 | .00191 |
| #2 | -.00051 | .00049  | .00264 | -.00064 | -.00359 | .00142  | -.00342 | .01372 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00105 | ^ ***** | .00689 | 72.210 | .00171 | .06311 | .01866 | .04093 |
| Stddev | .00039 | -----   | .00043 | .330   | .00003 | .00863 | .00040 | .02431 |
| %RSD   | 36.939 | -----   | 6.2136 | .45662 | 1.8553 | 13.678 | 2.1579 | 59.392 |

|    |         |         |         |        |         |        |         |        |
|----|---------|---------|---------|--------|---------|--------|---------|--------|
| #1 | -.00077 | ^ ----- | -.00658 | 72.443 | -.00174 | .05701 | -.01837 | .02374 |
| #2 | -.00132 | ^ ----- | -.00719 | 71.977 | -.00169 | .06922 | -.01894 | .05812 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00027 | .02676 | .00222 | .01022 | .00361 | .0078  | .00055 |  |
| Stddev | .00042 | .00012 | .00131 | .00068 | .00106 | .0006  | .00028 |  |
| %RSD   | 155.17 | .44234 | 59.321 | 6.6681 | 29.457 | 7.954  | 50.705 |  |

|    |         |         |         |        |         |       |         |  |
|----|---------|---------|---------|--------|---------|-------|---------|--|
| #1 | .00057  | -.02684 | -.00315 | .00974 | -.00436 | .0082 | -.00074 |  |
| #2 | -.00003 | -.02668 | -.00129 | .01070 | -.00286 | .0073 | -.00035 |  |

Sample Name: V 75PPM      Acquired: 1/4/2017 12:07:07      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LR STUDY      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       | 4041.6  | 73417.  | 5835.4  | 148.54 | 3959.3 |
| Stddev    | 4.9     | 185.    | 1.1     | 2.54   | 9.0    |
| %RSD      | .12134  | .25180  | .01868  | 1.7115 | .22636 |
| #1        | 4045.1  | 73287.  | 5834.6  | 146.75 | 3965.6 |
| #2        | 4038.2  | 73548.  | 5836.2  | 150.34 | 3953.0 |

Sample Name: V 100PPM      Acquired: 1/4/2017 12:11:18      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LR STUDY      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00606 | .15622 | .01668 | .00085 | .04084 | .00067 | .00082 | .00003 |
| Stddev | .00142 | .00323 | .00130 | .00049 | .00034 | .00697 | .00012 | .00004 |
| %RSD   | 23.350 | 2.0645 | 7.7781 | 57.605 | .84256 | 1036.1 | 14.858 | 163.52 |

|    |         |         |         |         |        |         |         |         |
|----|---------|---------|---------|---------|--------|---------|---------|---------|
| #1 | -.00506 | -.15850 | -.01760 | -.00050 | .04108 | .00560  | -.00091 | -.00006 |
| #2 | -.00706 | -.15394 | -.01576 | -.00120 | .04059 | -.00426 | -.00074 | .00000  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00036 | .02105 | .00278 | .00041 | .00470 | .00561 | .00429 | .01689 |
| Stddev | .00004 | .00141 | .00007 | .00012 | .00012 | .00006 | .00012 | .00634 |
| %RSD   | 10.719 | 6.7183 | 2.5720 | 27.928 | 2.4699 | 1.0077 | 2.9090 | 37.546 |

|    |         |        |        |         |         |         |         |        |
|----|---------|--------|--------|---------|---------|---------|---------|--------|
| #1 | -.00039 | .02005 | .00273 | -.00033 | -.00479 | -.00565 | -.00420 | .01241 |
| #2 | -.00033 | .02205 | .00283 | -.00050 | -.00462 | -.00557 | -.00438 | .02137 |

|        |        |         |        |          |        |        |        |        |
|--------|--------|---------|--------|----------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924   | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00090 | ^ ***** | .00773 | F 35.158 | .00169 | .06207 | .02442 | .02237 |
| Stddev | .00025 | -----   | .00354 | .081     | .00015 | .00270 | .00006 | .00194 |
| %RSD   | 27.099 | -----   | 45.771 | .08468   | 8.7987 | 4.3578 | .22983 | 8.6782 |

|    |         |         |         |        |         |        |         |        |
|----|---------|---------|---------|--------|---------|--------|---------|--------|
| #1 | -.00073 | ^ ----- | -.01023 | 95.101 | -.00179 | .06016 | -.02446 | .02100 |
| #2 | -.00108 | ^ ----- | -.00523 | 95.215 | -.00158 | .06398 | -.02438 | .02374 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00314 | .02730 | .00287 | .01300 | .00273 | .0089  | .00055 |  |
| Stddev | .00045 | .00472 | .00028 | .00207 | .00047 | .0010  | .00002 |  |
| %RSD   | 14.154 | 17.280 | 9.9276 | 15.902 | 17.057 | 10.79  | 3.6567 |  |

|    |        |         |         |        |         |       |         |  |
|----|--------|---------|---------|--------|---------|-------|---------|--|
| #1 | .00283 | -.03064 | -.00266 | .01154 | -.00306 | .0082 | -.00054 |  |
| #2 | .00346 | -.02397 | -.00307 | .01446 | -.00240 | .0096 | -.00057 |  |

Sample Name: V 100PPM      Acquired: 1/4/2017 12:11:18      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LR STUDY      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       | 4031.2  | 73459.  | 5832.2  | 146.55 | 3946.4 |
| Stddev    | 5.3     | 134.    | 26.6    | .09    | 13.8   |
| %RSD      | .13151  | .18213  | .45617  | .05922 | .34958 |
| #1        | 4027.5  | 73553.  | 5851.0  | 146.61 | 3936.6 |
| #2        | 4034.9  | 73364.  | 5813.4  | 146.49 | 3956.1 |

Sample Name: CR 50PPM      Acquired: 1/4/2017 12:15:30      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LR STUDY      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |         |        |         |         |         |
|--------|--------|---------|--------|---------|--------|---------|---------|---------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960  | Sb2068 | Al3961  | Ba4934  | Be2348  |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm    | ppm     | ppm     | ppm     |
| Avg    | .02070 | -.00420 | .01495 | -.00467 | .07273 | -.00376 | -.00142 | -.00042 |
| Stddev | .00029 | .00022  | .00076 | .00004  | .00057 | .00964  | .00029  | .00002  |
| %RSD   | 1.3990 | 5.1598  | 5.0801 | .78081  | .78031 | 256.42  | 20.630  | 4.8351  |

|    |        |         |        |         |        |         |         |         |
|----|--------|---------|--------|---------|--------|---------|---------|---------|
| #1 | .02049 | -.00435 | .01442 | -.00470 | .07313 | .00306  | -.00162 | -.00043 |
| #2 | .02090 | -.00405 | .01549 | -.00465 | .07233 | -.01058 | -.00121 | -.00041 |

|        |         |         |        |        |         |        |         |         |
|--------|---------|---------|--------|--------|---------|--------|---------|---------|
| Elem   | Cd2265  | Ca3736  | Cr2677 | Co2286 | Cu2247  | Fe2404 | Mn2576  | Mg2790  |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm     | ppm    | ppm     | ppm     |
| Avg    | -.00079 | -.00237 | 48.349 | .00032 | -.00183 | .02679 | -.00427 | -.00876 |
| Stddev | .00007  | .00433  | .081   | .00011 | .00022  | .01082 | .00005  | .02947  |
| %RSD   | 8.6384  | 182.74  | .16672 | 33.920 | 11.890  | 40.379 | 1.2009  | 336.25  |

|    |         |         |        |        |         |        |         |         |
|----|---------|---------|--------|--------|---------|--------|---------|---------|
| #1 | -.00074 | .00069  | 48.292 | .00039 | -.00198 | .01914 | -.00424 | -.02960 |
| #2 | -.00083 | -.00543 | 48.406 | .00024 | -.00168 | .03444 | -.00431 | .01207  |

|        |        |         |         |        |         |        |         |        |
|--------|--------|---------|---------|--------|---------|--------|---------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895  | V_2924 | Zn2138  | K_7664 | Mo2020  | B_2496 |
| Units  | ppm    | ppm     | ppm     | ppm    | ppm     | ppm    | ppm     | ppm    |
| Avg    | .00020 | -.00016 | -.00407 | .05992 | -.00146 | .08293 | -.00145 | .02330 |
| Stddev | .00006 | .00000  | .00081  | .00110 | .00006  | .03141 | .00026  | .00068 |
| %RSD   | 29.758 | .90298  | 19.981  | 1.8381 | 3.8595  | 37.871 | 17.773  | 2.9396 |

|    |        |         |         |        |         |        |         |        |
|----|--------|---------|---------|--------|---------|--------|---------|--------|
| #1 | .00016 | -.00016 | -.00350 | .06070 | -.00142 | .10514 | -.00164 | .02379 |
| #2 | .00024 | -.00016 | -.00465 | .05914 | -.00150 | .06073 | -.00127 | .02282 |

|        |         |        |         |         |         |        |         |  |
|--------|---------|--------|---------|---------|---------|--------|---------|--|
| Elem   | S_1820  | Si2881 | Sn1899  | Ti3361  | Li6707  | P_1774 | Sr4077  |  |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm     | ppm    | ppm     |  |
| Avg    | -.00258 | .17154 | -.00634 | -.00589 | -.00386 | -.0036 | -.00048 |  |
| Stddev | .00165  | .00241 | .00121  | .00082  | .00101  | .0010  | .00006  |  |
| %RSD   | 64.140  | 1.4033 | 19.121  | 13.891  | 26.092  | 28.31  | 13.248  |  |

|    |         |        |         |         |         |        |         |  |
|----|---------|--------|---------|---------|---------|--------|---------|--|
| #1 | -.00375 | .16984 | -.00720 | -.00531 | -.00457 | -.0043 | -.00053 |  |
| #2 | -.00141 | .17324 | -.00548 | -.00647 | -.00315 | -.0029 | -.00044 |  |

Sample Name: CR 50PPM      Acquired: 1/4/2017 12:15:30      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LR STUDY      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       | 3770.9  | 73267.  | 5819.0  | 149.57 | 4039.3 |
| Stddev    | 14.6    | 42.     | 23.9    | .94    | 15.9   |
| %RSD      | .38616  | .05697  | .41053  | .62749 | .39265 |
| #1        | 3760.6  | 73238.  | 5802.1  | 148.90 | 4028.1 |
| #2        | 3781.2  | 73297.  | 5835.9  | 150.23 | 4050.5 |

Sample Name: CCV02      Acquired: 1/4/2017 12:19:41      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV02      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    | 5.0837 | 5.1722 | 5.0901 | 5.1838 | 5.1380 | 10.105 | 10.514 | .26351 | 2.5651 |
| Stddev | .0015  | .0084  | .0076  | .0117  | .0131  | .093   | .111   | .00080 | .0003  |
| %RSD   | .02910 | .16246 | .14893 | .22618 | .25491 | .92270 | 1.0545 | .30247 | .01116 |
| #1     | 5.0827 | 5.1663 | 5.0954 | 5.1920 | 5.1473 | 10.171 | 10.435 | .26294 | 2.5653 |
| #2     | 5.0848 | 5.1782 | 5.0847 | 5.1755 | 5.1288 | 10.039 | 10.592 | .26407 | 2.5649 |
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 26.205 | 1.0343 | 2.5642 | 1.2896 | 4.9298 | 2.5312 | 25.416 | 2.5829 | 1.2620 |
| Stddev | .087   | .0049  | .0011  | .0019  | .0439  | .0051  | .023   | .0009  | .0026  |
| %RSD   | .33266 | .47536 | .04244 | .14759 | .89094 | .20146 | .08961 | .03509 | .20425 |
| #1     | 26.143 | 1.0309 | 2.5649 | 1.2909 | 4.8988 | 2.5275 | 25.432 | 2.5836 | 1.2602 |
| #2     | 26.266 | 1.0378 | 2.5634 | 1.2882 | 4.9609 | 2.5348 | 25.400 | 2.5823 | 1.2638 |
| 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    | 25.633 | 2.6312 | 2.4438 | 23.925 | 5.2113 | 4.9475 | 5.1154 | 4.8971 | 5.0745 |
| Stddev | .071   | .0027  | .0263  | .017   | .0085  | .0007  | .0029  | .0364  | .0170  |
| %RSD   | .27671 | .10198 | 1.0777 | .06929 | .16349 | .01428 | .05616 | .74330 | .33502 |
| #1     | 25.583 | 2.6293 | 2.4252 | 23.936 | 5.2173 | 4.9480 | 5.1174 | 4.8714 | 5.0865 |
| #2     | 25.683 | 2.6331 | 2.4624 | 23.913 | 5.2052 | 4.9470 | 5.1133 | 4.9228 | 5.0625 |
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |        |        |        |        |        |
| Units  | ppm    | ppm    | ppm    | ppm    |        |        |        |        |        |
| Avg    | 5.1123 | 5.2982 | 5.154  | 5.1174 |        |        |        |        |        |
| Stddev | .0086  | .0055  | .006   | .0447  |        |        |        |        |        |
| %RSD   | .16801 | .10386 | .1097  | .87328 |        |        |        |        |        |
| #1     | 5.1184 | 5.2944 | 5.158  | 5.0858 |        |        |        |        |        |
| #2     | 5.1062 | 5.3021 | 5.150  | 5.1490 |        |        |        |        |        |

Sample Name: CCV02      Acquired: 1/4/2017 12:19:41      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV02      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       | 3953.4  | 71414.  | 5819.8  | 143.42 | 3700.4 |
| Stddev    | 6.9     | 21.     | 19.5    | 1.70   | 5.3    |
| %RSD      | .17532  | .02953  | .33528  | 1.1832 | .14199 |
| #1        | 3948.5  | 71399.  | 5833.6  | 144.62 | 3696.7 |
| #2        | 3958.3  | 71429.  | 5806.0  | 142.22 | 3704.1 |

Sample Name: CCB02      Acquired: 1/4/2017 12:23:39      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00302 | .00378 | .00415 | .00282 | .00194 | .00316 | .00078 | .00004 |
| Stddev | .00217 | .00110 | .00044 | .00083 | .00057 | .00356 | .00033 | .00001 |
| %RSD   | 72.094 | 29.241 | 10.681 | 29.341 | 29.092 | 112.62 | 42.062 | 31.037 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00455 | -.00300 | -.00384 | -.00340 | -.00234 | -.00064 | -.00054 | -.00005 |
| #2 | -.00148 | -.00456 | -.00446 | -.00223 | -.00154 | -.00568 | -.00101 | -.00003 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00102 | .00309 | .00054 | .00134 | .00116 | .00459 | .00093 | .00416 |
| Stddev | .00002 | .01614 | .00016 | .00003 | .00010 | .00188 | .00001 | .02788 |
| %RSD   | 2.0035 | 522.76 | 29.733 | 2.5816 | 8.9613 | 40.929 | 1.3387 | 670.01 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00100 | -.00832 | -.00065 | -.00136 | -.00109 | -.00326 | -.00093 | .02388  |
| #2 | -.00103 | .01450  | -.00042 | -.00131 | -.00124 | -.00591 | -.00094 | -.01555 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00081 | .00048 | .01499 | .00108 | .00175 | .07372 | .00249 | .01978 |
| Stddev | .00021 | .00043 | .00810 | .00032 | .00002 | .02442 | .00020 | .00372 |
| %RSD   | 26.179 | 88.984 | 54.030 | 29.572 | 1.0969 | 33.127 | 8.0583 | 18.824 |

|    |         |         |         |        |         |        |         |        |
|----|---------|---------|---------|--------|---------|--------|---------|--------|
| #1 | -.00096 | -.00078 | -.00926 | .00130 | -.00174 | .05645 | -.00234 | .02241 |
| #2 | -.00066 | -.00018 | -.02071 | .00085 | -.00176 | .09099 | -.00263 | .01714 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00182 | .00657 | .00034 | .00054 | .00331 | .0034  | .00036 |  |
| Stddev | .00033 | .00089 | .00025 | .00014 | .00162 | .0007  | .00002 |  |
| %RSD   | 18.124 | 13.522 | 72.805 | 25.257 | 48.875 | 21.23  | 6.6320 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00158 | -.00594 | -.00052 | -.00045 | -.00216 | -.0040 | -.00034 |  |
| #2 | -.00205 | -.00720 | -.00017 | -.00064 | -.00445 | -.0029 | -.00038 |  |

Sample Name: CCB02      Acquired: 1/4/2017 12:23:39      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB02      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       | 4053.6  | 72583.  | 5818.3  | 146.11 | 3929.2 |
| Stddev    | 7.8     | 104.    | 11.1    | 2.03   | 10.9   |
| %RSD      | .19185  | .14318  | .19040  | 1.3881 | .27741 |
| #1        | 4048.1  | 72510.  | 5810.5  | 147.54 | 3921.5 |
| #2        | 4059.1  | 72657.  | 5826.1  | 144.67 | 3936.9 |

Sample Name: CR 75PPM      Acquired: 1/4/2017 12:27:48      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .03624 | .00546 | .02311 | .00350 | .14200 | .01026 | .00112 | .00071 |
| Stddev | .00142 | .00147 | .00032 | .00074 | .00412 | .00463 | .00008 | .00001 |
| %RSD   | 3.9219 | 26.946 | 1.3861 | 21.215 | 2.9008 | 45.076 | 7.1342 | 1.7585 |

|    |        |         |        |         |        |        |         |         |
|----|--------|---------|--------|---------|--------|--------|---------|---------|
| #1 | .03524 | -.00651 | .02334 | -.00297 | .14491 | .00699 | -.00118 | -.00071 |
| #2 | .03725 | -.00442 | .02289 | -.00402 | .13909 | .01354 | -.00107 | -.00072 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00043 | .00297 | 71.561 | .00142 | .00212 | .03324 | .00595 | .00230 |
| Stddev | .00007 | .01881 | .249   | .00033 | .00032 | .00710 | .00002 | .00623 |
| %RSD   | 17.318 | 634.43 | .34819 | 22.848 | 15.260 | 21.358 | .27332 | 270.37 |

|    |         |         |        |        |         |        |         |         |
|----|---------|---------|--------|--------|---------|--------|---------|---------|
| #1 | -.00037 | -.01034 | 71.385 | .00165 | -.00235 | .02822 | -.00596 | -.00210 |
| #2 | -.00048 | .01627  | 71.737 | .00119 | -.00190 | .03825 | -.00594 | .00671  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00127 | .00031 | .00385 | .05893 | .00130 | .07059 | .00047 | .01556 |
| Stddev | .00083 | .00005 | .00134 | .00045 | .00007 | .01888 | .00016 | .00180 |
| %RSD   | 65.480 | 17.307 | 34.814 | .76465 | 5.3585 | 26.746 | 33.657 | 11.570 |

|    |        |        |         |        |         |        |         |        |
|----|--------|--------|---------|--------|---------|--------|---------|--------|
| #1 | .00186 | .00027 | -.00480 | .05925 | -.00135 | .08394 | -.00059 | .01683 |
| #2 | .00068 | .00034 | -.00290 | .05862 | -.00125 | .05724 | -.00036 | .01428 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00144 | .25435 | .00657 | .00759 | .00359 | .0043  | .00018 |  |
| Stddev | .00156 | .00216 | .00032 | .00124 | .00157 | .0002  | .00006 |  |
| %RSD   | 108.24 | .84899 | 4.8798 | 16.381 | 43.743 | 5.731  | 32.611 |  |

|    |         |        |         |         |         |        |         |  |
|----|---------|--------|---------|---------|---------|--------|---------|--|
| #1 | -.00034 | .25587 | -.00680 | -.00671 | -.00248 | -.0045 | -.00014 |  |
| #2 | -.00254 | .25282 | -.00634 | -.00847 | -.00470 | -.0041 | -.00022 |  |

Sample Name: CR 75PPM      Acquired: 1/4/2017 12:27:48      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3633.6  | 72565.  | 5850.8  | 148.70 | 4015.1 |
| Stddev    | 3.5     | 234.    | .7      | 1.55   | 2.6    |
| %RSD      | .09651  | .32233  | .01269  | 1.0418 | .06568 |
| #1        | 3631.1  | 72731.  | 5851.4  | 149.80 | 4013.3 |
| #2        | 3636.1  | 72400.  | 5850.3  | 147.61 | 4017.0 |

Sample Name: CR 100PPM      Acquired: 1/4/2017 12:31:59      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .05009 | .00663 | .03187 | .00447 | .26281 | .00136 | .00085 | .00086 |
| Stddev | .00245 | .00172 | .00075 | .00090 | .00033 | .00780 | .00041 | .00003 |
| %RSD   | 4.8864 | 25.972 | 2.3582 | 20.057 | .12419 | 573.96 | 48.027 | 3.6791 |

|    |        |         |        |         |        |         |         |         |
|----|--------|---------|--------|---------|--------|---------|---------|---------|
| #1 | .05183 | -.00785 | .03240 | -.00511 | .26258 | -.00416 | -.00056 | -.00089 |
| #2 | .04836 | -.00541 | .03134 | -.00384 | .26304 | .00687  | -.00113 | -.00084 |

|        |        |        |          |        |        |        |        |        |
|--------|--------|--------|----------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677   | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00026 | .00274 | F 33.381 | .00237 | .00217 | .03723 | .00756 | .00476 |
| Stddev | .00001 | .01714 | .194     | .00006 | .00024 | .00478 | .00012 | .02922 |
| %RSD   | 3.3527 | 625.33 | .20744   | 2.4160 | 11.108 | 12.840 | 1.5851 | 614.53 |

|    |         |         |        |        |         |        |         |         |
|----|---------|---------|--------|--------|---------|--------|---------|---------|
| #1 | -.00027 | -.00938 | 93.518 | .00232 | -.00199 | .04061 | -.00748 | -.01591 |
| #2 | -.00026 | .01486  | 93.244 | .00241 | -.00234 | .03385 | -.00765 | .02542  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00206 | .00033 | .00031 | .07181 | .00106 | .04764 | .00019 | .01921 |
| Stddev | .00029 | .00012 | .01100 | .00092 | .00007 | .02864 | .00001 | .00449 |
| %RSD   | 13.992 | 34.716 | 3560.5 | 1.2744 | 6.3863 | 60.130 | 4.5211 | 23.354 |

|    |        |        |         |        |         |        |        |        |
|----|--------|--------|---------|--------|---------|--------|--------|--------|
| #1 | .00186 | .00041 | .00747  | .07245 | -.00102 | .06789 | .00018 | .02238 |
| #2 | .00227 | .00025 | -.00809 | .07116 | -.00111 | .02738 | .00019 | .01604 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00123 | .31602 | .00778 | .01194 | .00283 | .0043  | .00012 |  |
| Stddev | .00033 | .00737 | .00003 | .00017 | .00017 | .0005  | .00003 |  |
| %RSD   | 26.611 | 2.3309 | .34488 | 1.4489 | 5.9764 | 10.69  | 27.513 |  |

|    |        |        |         |         |         |        |         |  |
|----|--------|--------|---------|---------|---------|--------|---------|--|
| #1 | .00146 | .32123 | -.00779 | -.01181 | -.00295 | -.0046 | -.00015 |  |
| #2 | .00100 | .31081 | -.00776 | -.01206 | -.00271 | -.0040 | -.00010 |  |

Sample Name: CR 100PPM      Acquired: 1/4/2017 12:31:59      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3490.5  | 72233.  | 5803.9  | 150.81 | 3999.2 |
| Stddev    | 18.7    | 313.    | 34.3    | .94    | 6.9    |
| %RSD      | .53474  | .43344  | .59119  | .62233 | .17186 |
| #1        | 3477.3  | 72012.  | 5828.2  | 150.15 | 3994.3 |
| #2        | 3503.7  | 72455.  | 5779.7  | 151.47 | 4004.1 |

Sample Name: BE 5PPM      Acquired: 1/4/2017 12:40:21      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00137 | .00371 | .00481 | .00420 | .00508 | .01108 | .00091 | 4.8817 |
| Stddev | .00024 | .00050 | .00162 | .00021 | .00017 | .01536 | .00047 | .0061  |
| %RSD   | 17.788 | 13.466 | 33.668 | 5.0469 | 3.2853 | 138.59 | 51.948 | .12456 |

|    |         |         |         |         |         |         |         |        |
|----|---------|---------|---------|---------|---------|---------|---------|--------|
| #1 | -.00120 | -.00406 | -.00367 | -.00405 | -.00496 | -.00022 | -.00057 | 4.8860 |
| #2 | -.00154 | -.00335 | -.00596 | -.00435 | -.00520 | -.02194 | -.00124 | 4.8774 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00123 | .00760 | .00203 | .00141 | .00162 | .00159 | .00092 | .00208 |
| Stddev | .00003 | .00215 | .00013 | .00016 | .00046 | .00545 | .00010 | .01367 |
| %RSD   | 2.3946 | 28.239 | 6.2681 | 11.196 | 28.412 | 341.78 | 10.914 | 657.77 |

|    |         |        |        |         |         |         |         |         |
|----|---------|--------|--------|---------|---------|---------|---------|---------|
| #1 | -.00125 | .00912 | .00194 | -.00152 | -.00129 | -.00545 | -.00099 | .01174  |
| #2 | -.00121 | .00608 | .00212 | -.00130 | -.00194 | .00226  | -.00085 | -.00759 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00193 | .00060 | .01404 | .00071 | .00185 | .02752 | .00277 | .00554 |
| Stddev | .00023 | .00012 | .00883 | .00034 | .00006 | .01289 | .00019 | .00028 |
| %RSD   | 12.009 | 19.808 | 62.878 | 47.812 | 3.2608 | 46.846 | 6.8380 | 5.0433 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00177 | -.00052 | -.02028 | -.00047 | -.00189 | .01840 | -.00290 | .00573 |
| #2 | -.00210 | -.00069 | -.00780 | -.00095 | -.00181 | .03663 | -.00264 | .00534 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00234 | .00417 | .00287 | .00052 | .00424 | .0023  | .00068 |  |
| Stddev | .00039 | .00066 | .00031 | .00103 | .00003 | .0008  | .00009 |  |
| %RSD   | 16.586 | 15.839 | 10.700 | 198.20 | .72786 | 32.53  | 12.681 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00206 | -.00463 | -.00309 | .00021  | -.00422 | -.0018 | -.00062 |  |
| #2 | -.00261 | -.00370 | -.00266 | -.00124 | -.00426 | -.0028 | -.00075 |  |

Sample Name: BE 5PPM      Acquired: 1/4/2017 12:40:21      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4071.2  | 72715.  | 5818.0  | 143.70 | 3966.3 |
| Stddev    | 4.1     | 178.    | 2.0     | .24    | 6.3    |
| %RSD      | .10064  | .24435  | .03383  | .16775 | .15806 |
| #1        | 4068.3  | 72589.  | 5816.7  | 143.53 | 3970.7 |
| #2        | 4074.1  | 72840.  | 5819.4  | 143.87 | 3961.9 |

Sample Name: BE 7.5PPM      Acquired: 1/4/2017 12:44:27      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00202 | .00387 | .00360 | .00201 | .00537 | .00101 | .00068 | 7.0752 |
| Stddev | .00077 | .00025 | .00057 | .00002 | .00020 | .00433 | .00026 | .0591  |
| %RSD   | 38.228 | 6.4886 | 15.968 | 1.2128 | 3.6771 | 428.48 | 38.420 | .83493 |

|    |         |         |         |         |         |         |         |        |
|----|---------|---------|---------|---------|---------|---------|---------|--------|
| #1 | -.00256 | -.00369 | -.00400 | -.00199 | -.00551 | .00408  | -.00086 | 7.0335 |
| #2 | -.00147 | -.00405 | -.00319 | -.00202 | -.00523 | -.00205 | -.00049 | 7.1170 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00118 | .00163 | .00035 | .00139 | .00128 | .00674 | .00108 | .00824 |
| Stddev | .00008 | .01328 | .00005 | .00017 | .00022 | .00504 | .00002 | .02765 |
| %RSD   | 6.7481 | 814.47 | 14.667 | 12.559 | 17.567 | 74.759 | 2.1245 | 335.56 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00124 | -.00776 | -.00039 | -.00127 | -.00144 | -.00318 | -.00106 | .02779  |
| #2 | -.00113 | .01102  | -.00032 | -.00152 | -.00112 | -.01030 | -.00110 | -.01131 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00210 | .00042 | .00793 | .00077 | .00197 | .07992 | .00320 | .00118 |
| Stddev | .00009 | .00039 | .00264 | .00011 | .00003 | .02967 | .00037 | .00344 |
| %RSD   | 4.3220 | 94.541 | 33.228 | 14.980 | 1.4614 | 37.117 | 11.539 | 290.72 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00204 | -.00069 | -.00607 | -.00069 | -.00195 | .05895 | -.00294 | .00361  |
| #2 | -.00217 | -.00014 | -.00980 | -.00085 | -.00199 | .10090 | -.00346 | -.00125 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00246 | .00618 | .00237 | .00061 | .00419 | .0032  | .00065 |  |
| Stddev | .00051 | .00180 | .00054 | .00012 | .00043 | .0010  | .00005 |  |
| %RSD   | 20.580 | 29.123 | 22.876 | 20.146 | 10.215 | 32.16  | 8.1954 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00210 | -.00745 | -.00199 | -.00052 | -.00389 | -.0039 | -.00069 |  |
| #2 | -.00282 | -.00491 | -.00276 | -.00070 | -.00449 | -.0025 | -.00061 |  |

Sample Name: BE 7.5PPM      Acquired: 1/4/2017 12:44:27      Type: Unk  
 Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      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       | 4075.8  | 72968.  | 5853.0  | 151.01 | 3974.9 |
| Stddev    | 14.7    | 140.    | 24.6    | 2.85   | 10.2   |
| %RSD      | .35955  | .19163  | .42072  | 1.8900 | .25649 |
| #1        | 4065.5  | 73067.  | 5870.4  | 148.99 | 3967.7 |
| #2        | 4086.2  | 72869.  | 5835.6  | 153.03 | 3982.1 |

Sample Name: BE 10PPM      Acquired: 1/4/2017 12:48:38      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00149 | .00362 | .00365 | .00183 | .00594 | .00861 | .00100 | F 3.4380 |
| Stddev | .00264 | .00061 | .00057 | .00120 | .00018 | .01012 | .00015 | .0751    |
| %RSD   | 178.05 | 16.891 | 15.719 | 65.697 | 3.0614 | 117.48 | 14.776 | .79580   |

|    |         |         |         |         |         |         |         |        |
|----|---------|---------|---------|---------|---------|---------|---------|--------|
| #1 | .00038  | -.00319 | -.00405 | -.00098 | -.00581 | -.01576 | -.00090 | 9.3849 |
| #2 | -.00336 | -.00406 | -.00324 | -.00268 | -.00606 | -.00146 | -.00111 | 9.4911 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00115 | .01301 | .00034 | .00138 | .00124 | .00048 | .00102 | .01786 |
| Stddev | .00006 | .00626 | .00007 | .00010 | .00002 | .00774 | .00002 | .00300 |
| %RSD   | 5.4497 | 48.111 | 20.540 | 7.0675 | 1.6716 | 1612.2 | 1.9926 | 16.781 |

|    |         |         |         |         |         |         |         |        |
|----|---------|---------|---------|---------|---------|---------|---------|--------|
| #1 | -.00111 | -.01743 | -.00029 | -.00131 | -.00122 | -.00595 | -.00100 | .01574 |
| #2 | -.00120 | -.00858 | -.00039 | -.00145 | -.00125 | .00499  | -.00103 | .01998 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00251 | .00084 | .01005 | .00098 | .00176 | .04634 | .00261 | .00021 |
| Stddev | .00003 | .00049 | .00747 | .00028 | .00000 | .03706 | .00029 | .00426 |
| %RSD   | 1.1449 | 57.978 | 74.317 | 28.237 | .13062 | 79.975 | 11.076 | 2019.3 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00249 | -.00050 | -.01533 | -.00078 | -.00176 | .02013 | -.00240 | .00322  |
| #2 | -.00253 | -.00119 | -.00477 | -.00117 | -.00176 | .07255 | -.00281 | -.00280 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00050 | .00516 | .00276 | .00001 | .00407 | .0030  | .00064 |  |
| Stddev | .00127 | .00087 | .00104 | .00108 | .00033 | .0004  | .00004 |  |
| %RSD   | 253.67 | 16.930 | 37.770 | 9794.2 | 8.0536 | 13.02  | 6.4341 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | .00040  | -.00454 | -.00350 | -.00075 | -.00430 | -.0027 | -.00061 |  |
| #2 | -.00140 | -.00578 | -.00203 | .00077  | -.00384 | -.0033 | -.00067 |  |

Sample Name: BE 10PPM      Acquired: 1/4/2017 12:48:38      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4065.9  | 71950.  | 5869.0  | 149.88 | 3978.1 |
| Stddev    | 5.9     | 207.    | 30.7    | 1.96   | 4.8    |
| %RSD      | .14529  | .28818  | .52279  | 1.3081 | .12051 |
| #1        | 4070.0  | 71804.  | 5890.7  | 151.26 | 3981.5 |
| #2        | 4061.7  | 72097.  | 5847.3  | 148.49 | 3974.8 |

Sample Name: MN 40PPM      Acquired: 1/4/2017 12:52:49      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00321 | .00714 | .00448 | .00387 | .00346 | .02566 | .00067 | .00081 |
| Stddev | .00127 | .00141 | .00035 | .00040 | .00147 | .00186 | .00021 | .00022 |
| %RSD   | 39.600 | 19.723 | 7.7309 | 10.237 | 42.638 | 7.2316 | 31.644 | 26.956 |

|    |         |        |         |         |         |        |         |        |
|----|---------|--------|---------|---------|---------|--------|---------|--------|
| #1 | -.00231 | .00813 | -.00424 | -.00359 | -.00450 | .02697 | -.00052 | .00065 |
| #2 | -.00411 | .00614 | -.00473 | -.00415 | -.00242 | .02435 | -.00082 | .00096 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00104 | .08517 | .00360 | .00098 | .00086 | .01006 | 38.388 | .19366 |
| Stddev | .00001 | .00028 | .00029 | .00007 | .00044 | .00029 | .051   | .03245 |
| %RSD   | .97777 | .33183 | 8.0505 | 7.0682 | 51.334 | 2.9056 | .13187 | 16.757 |

|    |         |        |         |         |         |        |        |         |
|----|---------|--------|---------|---------|---------|--------|--------|---------|
| #1 | -.00103 | .08537 | -.00380 | -.00103 | -.00118 | .01027 | 38.353 | -.17072 |
| #2 | -.00104 | .08497 | -.00339 | -.00094 | -.00055 | .00986 | 38.424 | -.21661 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00018 | .00534 | .00255 | .02438 | .00008 | .08198 | .00603 | .00019 |
| Stddev | .00024 | .00020 | .00943 | .00014 | .00013 | .02063 | .00009 | .00426 |
| %RSD   | 128.26 | 3.8040 | 369.18 | .56396 | 174.01 | 25.164 | 1.5499 | 2301.1 |

|    |        |        |         |         |         |        |         |         |
|----|--------|--------|---------|---------|---------|--------|---------|---------|
| #1 | .00002 | .00548 | -.00922 | -.02448 | .00002  | .06740 | -.00596 | -.00320 |
| #2 | .00035 | .00520 | .00411  | -.02428 | -.00017 | .09657 | -.00609 | .00283  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .14798 | .00856 | .00279 | .00083 | .00412 | .1001  | .00066 |  |
| Stddev | .00093 | .00235 | .00003 | .00107 | .00062 | .0016  | .00001 |  |
| %RSD   | .62631 | 27.392 | 1.0990 | 128.76 | 15.177 | 1.593  | 1.0605 |  |

|    |        |         |         |        |         |        |         |  |
|----|--------|---------|---------|--------|---------|--------|---------|--|
| #1 | .14864 | -.01022 | -.00277 | .00007 | -.00456 | -.1013 | -.00067 |  |
| #2 | .14733 | -.00690 | -.00281 | .00158 | -.00367 | -.0990 | -.00066 |  |

Sample Name: MN 40PPM      Acquired: 1/4/2017 12:52:49      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4128.1  | 72610.  | 5805.0  | 146.20 | 4016.9 |
| Stddev    | 45.0    | 438.    | .5      | .38    | 36.4   |
| %RSD      | 1.0895  | .60313  | .00812  | .25722 | .90694 |
| #1        | 4096.3  | 72300.  | 5805.4  | 145.93 | 3991.2 |
| #2        | 4159.9  | 72920.  | 5804.7  | 146.46 | 4042.7 |

Sample Name: MN 50PPM      Acquired: 1/4/2017 12:57:00      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00175 | .01851 | .00556 | .00159 | .00476 | .04444 | .00045 | .00015 |
| Stddev | .00059 | .00113 | .00034 | .00266 | .00115 | .00496 | .00011 | .00004 |
| %RSD   | 33.630 | 6.0958 | 6.0885 | 167.01 | 24.204 | 11.167 | 25.225 | 23.428 |

|    |         |        |         |         |         |        |         |         |
|----|---------|--------|---------|---------|---------|--------|---------|---------|
| #1 | -.00216 | .01771 | -.00580 | .00029  | -.00395 | .04795 | -.00037 | -.00013 |
| #2 | -.00133 | .01931 | -.00532 | -.00347 | -.00557 | .04093 | -.00053 | -.00017 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00112 | .11715 | .00376 | .00121 | .00068 | .01844 | .51340 | .25636 |
| Stddev | .00002 | .01050 | .00018 | .00001 | .00040 | .01175 | .275   | .01275 |
| %RSD   | 1.3570 | 8.9656 | 4.7295 | .55195 | 58.189 | 63.711 | .53540 | 4.9735 |

|    |         |        |         |         |         |        |        |         |
|----|---------|--------|---------|---------|---------|--------|--------|---------|
| #1 | -.00113 | .10972 | -.00389 | -.00120 | -.00040 | .02675 | .51535 | -.26538 |
| #2 | -.00111 | .12458 | -.00364 | -.00121 | -.00096 | .01013 | .51146 | -.24735 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00105 | .00818 | .00505 | .03826 | .00076 | .06432 | .00729 | .00004 |
| Stddev | .00019 | .00006 | .00313 | .00056 | .00003 | .00818 | .00024 | .00134 |
| %RSD   | 18.051 | .67601 | 61.910 | 1.4606 | 3.9717 | 12.712 | 3.3438 | 3711.4 |

|    |        |        |        |         |        |        |         |         |
|----|--------|--------|--------|---------|--------|--------|---------|---------|
| #1 | .00119 | .00814 | .00726 | -.03786 | .00074 | .07010 | -.00712 | .00091  |
| #2 | .00092 | .00822 | .00284 | -.03865 | .00078 | .05854 | -.00747 | -.00098 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .22170 | .01133 | .00303 | .00103 | .00325 | .1477  | .00063 |  |
| Stddev | .00172 | .00076 | .00016 | .00157 | .00042 | .0005  | .00007 |  |
| %RSD   | .77518 | 6.6758 | 5.1234 | 152.91 | 12.842 | .3710  | 11.075 |  |

|    |        |         |         |         |         |        |         |  |
|----|--------|---------|---------|---------|---------|--------|---------|--|
| #1 | .22049 | -.01079 | -.00292 | .00214  | -.00354 | -.1481 | -.00068 |  |
| #2 | .22292 | -.01186 | -.00314 | -.00008 | -.00295 | -.1473 | -.00058 |  |

Sample Name: MN 50PPM      Acquired: 1/4/2017 12:57:00      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4101.0  | 72722.  | 5845.1  | 148.37 | 3990.5 |
| Stddev    | 15.0    | 110.    | 61.5    | 2.42   | 15.6   |
| %RSD      | .36695  | .15073  | 1.0525  | 1.6312 | .39144 |
| #1        | 4090.4  | 72645.  | 5801.6  | 146.66 | 3979.4 |
| #2        | 4111.7  | 72800.  | 5888.6  | 150.08 | 4001.5 |

Sample Name: MN 60PPM      Acquired: 1/4/2017 13:01:12      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00165 | .03469 | .00441 | .00364 | .00561 | .07523 | .00093 | .00054 |
| Stddev | .00206 | .00345 | .00099 | .00057 | .00249 | .00474 | .00010 | .00003 |
| %RSD   | 124.72 | 9.9432 | 22.466 | 15.771 | 44.374 | 6.3035 | 10.814 | 5.1915 |

|    |         |        |         |        |         |        |         |         |
|----|---------|--------|---------|--------|---------|--------|---------|---------|
| #1 | -.00311 | .03713 | -.00371 | .00323 | -.00385 | .07859 | -.00085 | -.00056 |
| #2 | -.00020 | .03225 | -.00511 | .00405 | -.00737 | .07188 | -.00100 | -.00052 |

|        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576  | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .00105 | .16747 | .00307 | .00117 | .00004 | .02536 | .52.229 | .35921 |
| Stddev | .00003 | .01503 | .00062 | .00010 | .00015 | .00425 | .299    | .02998 |
| %RSD   | 2.9792 | 8.9740 | 20.314 | 8.3459 | 365.93 | 16.741 | .48047  | 8.3456 |

|    |         |        |         |         |         |        |        |         |
|----|---------|--------|---------|---------|---------|--------|--------|---------|
| #1 | -.00102 | .17810 | -.00352 | -.00124 | .00014  | .02236 | 62.441 | -.33801 |
| #2 | -.00107 | .15685 | -.00263 | -.00110 | -.00006 | .02836 | 62.018 | -.38040 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00185 | .01118 | .00066 | .05783 | .00148 | .09294 | .00853 | .00159 |
| Stddev | .00069 | .00056 | .00297 | .00023 | .00014 | .01663 | .00013 | .00225 |
| %RSD   | 37.406 | 4.9822 | 451.33 | .40462 | 9.5373 | 17.894 | 1.4836 | 141.52 |

|    |        |        |         |         |        |        |         |        |
|----|--------|--------|---------|---------|--------|--------|---------|--------|
| #1 | .00233 | .01079 | -.00144 | -.05766 | .00158 | .10470 | -.00862 | .00000 |
| #2 | .00136 | .01158 | .00276  | -.05799 | .00138 | .08118 | -.00844 | .00319 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .29629 | .01226 | .00351 | .00032 | .00430 | .2002  | .00067 |  |
| Stddev | .00433 | .00097 | .00050 | .00185 | .00138 | .0019  | .00003 |  |
| %RSD   | 1.4625 | 7.9268 | 14.295 | 579.96 | 32.178 | .9574  | 4.0474 |  |

|    |        |         |         |         |         |        |         |  |
|----|--------|---------|---------|---------|---------|--------|---------|--|
| #1 | .29323 | -.01295 | -.00387 | -.00163 | -.00527 | -.1988 | -.00065 |  |
| #2 | .29936 | -.01157 | -.00316 | .00099  | -.00332 | -.2015 | -.00069 |  |

Sample Name: MN 60PPM      Acquired: 1/4/2017 13:01:12      Type: Unk

Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000

User: JASWAL      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       | 4088.1  | 72489.  | 5854.9  | 149.58 | 3971.9 |
| Stddev    | 3.5     | 460.    | 39.1    | 1.21   | .3     |
| %RSD      | .08600  | .63508  | .66867  | .81009 | .00762 |
| #1        | 4085.6  | 72163.  | 5882.6  | 150.44 | 3971.7 |
| #2        | 4090.6  | 72814.  | 5827.2  | 148.72 | 3972.1 |

Sample Name: CO 25PPM      Acquired: 1/4/2017 13:05:24      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00352 | .03078 | .00644 | .00570 | .00438 | .00717 | .00084 | .00001 |
| Stddev | .00077 | .00052 | .00004 | .00002 | .00145 | .00489 | .00073 | .00002 |
| %RSD   | 22.011 | 1.6832 | .59780 | .39771 | 33.043 | 68.286 | 86.965 | 162.45 |

|    |         |        |         |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|---------|
| #1 | -.00406 | .03115 | -.00647 | -.00568 | -.00541 | -.00371 | -.00136 | .00000  |
| #2 | -.00297 | .03042 | -.00641 | -.00571 | -.00336 | -.01063 | -.00032 | -.00003 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00176 | .01433 | .00010 | 24.165 | .00529 | .04952 | .00611 | .00672 |
| Stddev | .00002 | .00669 | .00029 | .001   | .00062 | .00245 | .00039 | .00335 |
| %RSD   | .91269 | 46.716 | 282.06 | .00605 | 11.796 | 4.9468 | 6.4339 | 49.893 |

|    |         |        |         |        |        |        |        |         |
|----|---------|--------|---------|--------|--------|--------|--------|---------|
| #1 | -.00175 | .00960 | -.00031 | 24.164 | .00573 | .04779 | .00583 | -.00435 |
| #2 | -.00177 | .01906 | .00010  | 24.166 | .00485 | .05125 | .00639 | -.00909 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00344 | .00006 | .01111 | .00070 | .00163 | .07184 | .00279 | .00351 |
| Stddev | .00053 | .00030 | .00009 | .00024 | .00009 | .02736 | .00004 | .00794 |
| %RSD   | 15.467 | 508.88 | .81090 | 34.419 | 5.4052 | 38.086 | 1.3430 | 226.30 |

|    |        |         |         |         |         |        |         |         |
|----|--------|---------|---------|---------|---------|--------|---------|---------|
| #1 | .00381 | -.00016 | -.01117 | -.00087 | -.00156 | .05249 | -.00276 | -.00913 |
| #2 | .00306 | .00027  | -.01104 | -.00053 | -.00169 | .09118 | -.00282 | .00211  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00205 | .00718 | .00271 | .00278 | .00484 | .0031  | .00068 |  |
| Stddev | .00217 | .00012 | .00042 | .00139 | .00004 | .0000  | .00007 |  |
| %RSD   | 106.22 | 1.7245 | 15.686 | 49.885 | .85265 | .8229  | 10.327 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00359 | -.00726 | -.00241 | -.00180 | -.00487 | -.0031 | -.00063 |  |
| #2 | -.00051 | -.00709 | -.00301 | -.00376 | -.00481 | -.0031 | -.00073 |  |

Sample Name: CO 25PPM      Acquired: 1/4/2017 13:05:24      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4067.5  | 72127.  | 5815.8  | 151.04 | 3975.0 |
| Stddev    | 12.9    | 348.    | 2.7     | .66    | 11.6   |
| %RSD      | .31809  | .48248  | .04711  | .43838 | .29055 |
| #1        | 4058.4  | 71881.  | 5813.9  | 151.50 | 3966.8 |
| #2        | 4076.7  | 72373.  | 5817.7  | 150.57 | 3983.2 |

Sample Name: CO 50PPM      Acquired: 1/4/2017 13:09:31      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00392 | .06474 | .01022 | .00696 | .00422 | .01956 | .00058 | .00007 |
| Stddev | .00041 | .00176 | .00127 | .00046 | .00017 | .01338 | .00022 | .00003 |
| %RSD   | 10.441 | 2.7128 | 12.409 | 6.6486 | 4.0767 | 68.439 | 37.741 | 41.302 |

|    |         |        |         |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|---------|
| #1 | -.00421 | .06598 | -.00932 | -.00663 | -.00434 | -.01009 | -.00043 | -.00005 |
| #2 | -.00363 | .06350 | -.01112 | -.00728 | -.00410 | -.02902 | -.00074 | -.00009 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00224 | .01076 | .00030 | 46.917 | .01386 | .08998 | .00075 | .00179 |
| Stddev | .00011 | .00105 | .00004 | .056   | .00011 | .00315 | .00001 | .01025 |
| %RSD   | 4.8808 | 9.7205 | 11.988 | .11914 | .78532 | 3.5003 | .78246 | 571.61 |

|    |         |         |        |        |        |        |         |         |
|----|---------|---------|--------|--------|--------|--------|---------|---------|
| #1 | -.00216 | -.01002 | .00033 | 46.957 | .01379 | .09220 | -.00075 | .00545  |
| #2 | -.00232 | -.01150 | .00027 | 46.878 | .01394 | .08775 | -.00074 | -.00904 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00746 | .00014 | .01058 | .00100 | .00165 | .06795 | .00302 | .01531 |
| Stddev | .00019 | .00015 | .00251 | .00016 | .00003 | .00725 | .00033 | .00239 |
| %RSD   | 2.5254 | 110.06 | 23.743 | 16.154 | 2.0893 | 10.673 | 11.096 | 15.645 |

|    |        |        |         |         |         |        |         |         |
|----|--------|--------|---------|---------|---------|--------|---------|---------|
| #1 | .00759 | .00003 | -.00880 | -.00111 | -.00168 | .06282 | -.00278 | -.01361 |
| #2 | .00733 | .00025 | -.01236 | -.00088 | -.00163 | .07308 | -.00325 | -.01700 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00396 | .01163 | .00253 | .00579 | .00471 | .0018  | .00078 |  |
| Stddev | .00173 | .00031 | .00024 | .00133 | .00071 | .0022  | .00010 |  |
| %RSD   | 43.743 | 2.6509 | 9.5518 | 23.017 | 15.109 | 119.9  | 12.436 |  |

|    |        |         |         |         |         |        |         |  |
|----|--------|---------|---------|---------|---------|--------|---------|--|
| #1 | .00273 | -.01141 | -.00236 | -.00673 | -.00420 | -.0003 | -.00084 |  |
| #2 | .00518 | -.01184 | -.00270 | -.00485 | -.00521 | -.0034 | -.00071 |  |

Sample Name: CO 50PPM      Acquired: 1/4/2017 13:09:31      Type: Unk

Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000

User: JASWAL      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       | 4032.0  | 72810.  | 5860.9  | 149.23 | 3962.0 |
| Stddev    | 8.4     | 739.    | 15.4    | 2.34   | 13.0   |
| %RSD      | .20808  | 1.0151  | .26301  | 1.5658 | .32831 |
| #1        | 4026.1  | 72288.  | 5850.0  | 150.88 | 3952.8 |
| #2        | 4037.9  | 73333.  | 5871.8  | 147.58 | 3971.2 |

Sample Name: CCV03      Acquired: 1/4/2017 13:13:36      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV03      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    | 4.9830 | 5.1133 | 5.0377 | 5.1357 | 5.0602 | 10.032 | 10.220 | .26268 | 2.5332 |
| Stddev | .0014  | .0017  | .0142  | .0158  | .0035  | .032   | .055   | .00009 | .0077  |
| %RSD   | .02750 | .03222 | .28147 | .30752 | .06996 | .32192 | .53773 | .03419 | .30410 |
| #1     | 4.9840 | 5.1122 | 5.0277 | 5.1469 | 5.0627 | 10.054 | 10.181 | .26275 | 2.5278 |
| #2     | 4.9821 | 5.1145 | 5.0478 | 5.1245 | 5.0577 | 10.009 | 10.259 | .26262 | 2.5387 |
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.899 | 1.0426 | 2.5276 | 1.2727 | 4.7739 | 2.5387 | 25.061 | 2.5485 | 1.2537 |
| Stddev | .014   | .0014  | .0069  | .0019  | .0594  | .0006  | .119   | .0040  | .0024  |
| %RSD   | .05438 | .12918 | .27305 | .15266 | 1.2435 | .02247 | .47303 | .15808 | .19248 |
| #1     | 25.889 | 1.0435 | 2.5227 | 1.2713 | 4.7319 | 2.5382 | 24.977 | 2.5456 | 1.2554 |
| #2     | 25.909 | 1.0416 | 2.5325 | 1.2741 | 4.8159 | 2.5391 | 25.145 | 2.5513 | 1.2520 |
| 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    | 25.096 | 2.6078 | 2.3585 | 23.490 | 5.0899 | 4.8597 | 5.0532 | 4.8467 | 5.0122 |
| Stddev | .033   | .0006  | .0288  | .052   | .0032  | .0196  | .0116  | .0354  | .0155  |
| %RSD   | .12993 | .02406 | 1.2213 | .22055 | .06262 | .40415 | .23033 | .73113 | .30917 |
| #1     | 25.073 | 2.6083 | 2.3381 | 23.454 | 5.0876 | 4.8458 | 5.0449 | 4.8216 | 5.0012 |
| #2     | 25.119 | 2.6074 | 2.3789 | 23.527 | 5.0921 | 4.8736 | 5.0614 | 4.8717 | 5.0231 |
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |        |        |        |        |        |
| Units  | ppm    | ppm    | ppm    | ppm    |        |        |        |        |        |
| Avg    | 5.0207 | 5.1692 | 5.141  | 5.0544 |        |        |        |        |        |
| Stddev | .0013  | .0023  | .017   | .0169  |        |        |        |        |        |
| %RSD   | .02490 | .04375 | .3259  | .33391 |        |        |        |        |        |
| #1     | 5.0198 | 5.1676 | 5.129  | 5.0425 |        |        |        |        |        |
| #2     | 5.0216 | 5.1708 | 5.152  | 5.0663 |        |        |        |        |        |

Sample Name: CCV03      Acquired: 1/4/2017 13:13:36      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV03      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       | 3960.1  | 70453.  | 5809.8  | 144.90 | 3689.4 |
| Stddev    | 4.7     | 284.    | 4.4     | 1.31   | 3.7    |
| %RSD      | .11838  | .40259  | .07570  | .90729 | .10005 |
| #1        | 3956.8  | 70252.  | 5813.0  | 145.83 | 3692.0 |
| #2        | 3963.5  | 70654.  | 5806.7  | 143.97 | 3686.8 |

Sample Name: CCB03      Acquired: 1/4/2017 13:17:34      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB03      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00287 | .00346 | .00534 | .00381 | .00160 | .00059 | .00086 | .00003 |
| Stddev | .00189 | .00003 | .00163 | .00222 | .00033 | .00209 | .00006 | .00000 |
| %RSD   | 66.037 | .84162 | 30.554 | 58.241 | 20.692 | 353.53 | 6.7636 | 13.899 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00153 | -.00349 | -.00650 | -.00224 | -.00184 | -.00207 | -.00082 | -.00003 |
| #2 | -.00421 | -.00344 | -.00419 | -.00538 | -.00137 | .00089  | -.00091 | -.00003 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00113 | .00500 | .00079 | .00071 | .00165 | .00115 | .00091 | .01525 |
| Stddev | .00005 | .00023 | .00022 | .00024 | .00079 | .00164 | .00015 | .02773 |
| %RSD   | 4.7122 | 4.4985 | 27.827 | 33.977 | 47.834 | 142.44 | 16.096 | 181.85 |

|    |         |        |         |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|---------|
| #1 | -.00117 | .00516 | -.00094 | -.00054 | -.00109 | .00001  | -.00102 | .00436  |
| #2 | -.00109 | .00484 | -.00063 | -.00088 | -.00221 | -.00231 | -.00081 | -.03485 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00052 | .00004 | .00904 | .00084 | .00183 | .09079 | .00273 | .00339 |
| Stddev | .00008 | .00016 | .00487 | .00008 | .00010 | .01292 | .00028 | .00315 |
| %RSD   | 15.954 | 373.34 | 53.932 | 9.2419 | 5.7180 | 14.227 | 10.197 | 93.127 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00046 | -.00016 | -.01248 | -.00079 | -.00191 | .08166 | -.00292 | .00562 |
| #2 | -.00058 | .00007  | -.00559 | -.00090 | -.00176 | .09993 | -.00253 | .00116 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00439 | .00030 | .00046 | .00047 | .00500 | .0031  | .00061 |  |
| Stddev | .00150 | .00050 | .00002 | .00191 | .00025 | .0008  | .00004 |  |
| %RSD   | 34.200 | 168.66 | 3.2981 | 409.15 | 5.0197 | 26.43  | 6.9377 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00333 | -.00065 | -.00047 | .00088  | -.00483 | -.0036 | -.00064 |  |
| #2 | -.00545 | .00006  | -.00045 | -.00182 | -.00518 | -.0025 | -.00058 |  |

Sample Name: CCB03      Acquired: 1/4/2017 13:17:34      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB03      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       | 4078.9  | 72188.  | 5786.4  | 143.20 | 3930.2 |
| Stddev    | 14.3    | 51.     | 56.7    | 1.54   | 5.4    |
| %RSD      | .35133  | .07076  | .97903  | 1.0729 | .13664 |
| #1        | 4068.8  | 72224.  | 5746.4  | 142.11 | 3926.4 |
| #2        | 4089.0  | 72152.  | 5826.5  | 144.28 | 3934.0 |

Sample Name: CO 75PPM      Acquired: 1/4/2017 13:21:42      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00270 | .10111 | .01156 | .00752 | .00371 | .01584 | .00075 | .00002 |
| Stddev | .00091 | .00214 | .00114 | .00161 | .00011 | .00607 | .00003 | .00010 |
| %RSD   | 33.847 | 2.1146 | 9.8795 | 21.392 | 2.8773 | 38.332 | 4.1117 | 564.83 |

|    |         |        |         |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|---------|
| #1 | -.00206 | .10262 | -.01237 | -.00866 | -.00379 | -.01154 | -.00077 | -.00005 |
| #2 | -.00335 | .09960 | -.01076 | -.00638 | -.00363 | -.02013 | -.00072 | .00009  |

|        |        |        |        |          |        |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286   | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00268 | .00075 | .00001 | F 38.065 | .01952 | .13943 | .00121 | .02126 |
| Stddev | .00014 | .00550 | .00017 | .148     | .00057 | .00200 | .00005 | .00041 |
| %RSD   | 5.1686 | 735.01 | 1545.3 | .21768   | 2.9302 | 1.4337 | 3.7531 | 1.9507 |

|    |         |         |         |        |        |        |         |         |
|----|---------|---------|---------|--------|--------|--------|---------|---------|
| #1 | -.00277 | -.00464 | -.00013 | 67.960 | .01911 | .13802 | -.00118 | -.02155 |
| #2 | -.00258 | .00314  | .00011  | 68.169 | .01992 | .14084 | -.00124 | -.02096 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01152 | .00032 | .00633 | .00036 | .00135 | .07532 | .00285 | .01197 |
| Stddev | .00012 | .00013 | .00026 | .00026 | .00003 | .02471 | .00013 | .00101 |
| %RSD   | 1.0056 | 40.896 | 4.1329 | 71.008 | 2.0473 | 32.801 | 4.3973 | 8.4112 |

|    |        |         |         |         |         |        |         |         |
|----|--------|---------|---------|---------|---------|--------|---------|---------|
| #1 | .01144 | -.00041 | -.00614 | -.00018 | -.00137 | .05785 | -.00294 | -.01268 |
| #2 | .01160 | -.00022 | -.00651 | -.00055 | -.00133 | .09279 | -.00276 | -.01126 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .01018 | .00883 | .00175 | .00910 | .00304 | .0020  | .00080 |  |
| Stddev | .00008 | .00173 | .00074 | .00070 | .00045 | .0005  | .00005 |  |
| %RSD   | .74480 | 19.640 | 42.377 | 7.7169 | 14.953 | 23.14  | 6.1498 |  |

|    |        |         |         |         |         |        |         |  |
|----|--------|---------|---------|---------|---------|--------|---------|--|
| #1 | .01013 | -.00760 | -.00123 | -.00960 | -.00336 | -.0017 | -.00077 |  |
| #2 | .01023 | -.01005 | -.00228 | -.00861 | -.00272 | -.0024 | -.00084 |  |

Sample Name: CO 75PPM      Acquired: 1/4/2017 13:21:42      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4076.4  | 72931.  | 5835.7  | 152.03 | 4013.0 |
| Stddev    | 12.9    | 237.    | 20.9    | 2.39   | 12.2   |
| %RSD      | .31689  | .32464  | .35785  | 1.5751 | .30490 |
| #1        | 4067.2  | 72764.  | 5820.9  | 150.33 | 4004.4 |
| #2        | 4085.5  | 73099.  | 5850.4  | 153.72 | 4021.7 |

Sample Name: NI 30PPM      Acquired: 1/4/2017 13:25:53      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00300 | .00539 | .00086 | .00328 | .01849 | .00864 | .00050 | .00018 |
| Stddev | .00092 | .00258 | .00083 | .00160 | .00142 | .00023 | .00026 | .00003 |
| %RSD   | 30.728 | 47.857 | 96.173 | 48.870 | 7.7060 | 2.7054 | 51.454 | 15.788 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00365 | -.00357 | -.00028 | -.00442 | -.01949 | .00880 | -.00068 | -.00020 |
| #2 | -.00235 | -.00722 | -.00145 | -.00215 | -.01748 | .00847 | -.00032 | -.00016 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00119 | .05535 | .00025 | .00676 | .07461 | .00805 | .00088 | .00877 |
| Stddev | .00015 | .00522 | .00011 | .00110 | .00012 | .00044 | .00006 | .00205 |
| %RSD   | 12.235 | 9.4363 | 42.698 | 16.342 | .16133 | 5.4894 | 6.7053 | 23.359 |

|    |         |        |         |        |        |         |         |        |
|----|---------|--------|---------|--------|--------|---------|---------|--------|
| #1 | -.00108 | .05165 | -.00033 | .00754 | .07470 | -.00774 | -.00084 | .01022 |
| #2 | -.00129 | .05904 | -.00018 | .00598 | .07453 | -.00837 | -.00092 | .00732 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 29.110 | .00065 | .00765 | .00093 | .01939 | .12047 | .00279 | .00047 |
| Stddev | .001   | .00010 | .00238 | .00005 | .00143 | .00977 | .00005 | .00490 |
| %RSD   | .00208 | 16.131 | 31.121 | 5.0564 | 7.3735 | 8.1118 | 1.7291 | 1034.5 |

|    |        |         |         |         |        |        |         |         |
|----|--------|---------|---------|---------|--------|--------|---------|---------|
| #1 | 29.110 | -.00072 | -.00934 | -.00089 | .02041 | .12738 | -.00283 | -.00299 |
| #2 | 29.111 | -.00057 | -.00597 | -.00096 | .01838 | .11356 | -.00276 | .00394  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00020 | .00765 | .00264 | .00435 | .00467 | .0162  | .00067 |  |
| Stddev | .00163 | .00125 | .00034 | .00148 | .00133 | .0006  | .00003 |  |
| %RSD   | 806.11 | 16.391 | 12.790 | 33.984 | 28.496 | 3.734  | 3.8691 |  |

|    |         |         |         |        |         |        |         |  |
|----|---------|---------|---------|--------|---------|--------|---------|--|
| #1 | .00135  | -.00854 | -.00240 | .00331 | -.00561 | -.0166 | -.00069 |  |
| #2 | -.00095 | -.00677 | -.00288 | .00540 | -.00373 | -.0158 | -.00065 |  |

Sample Name: NI 30PPM      Acquired: 1/4/2017 13:25:53      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4112.0  | 72849.  | 5836.6  | 149.18 | 3919.9 |
| Stddev    | 17.2    | 297.    | 12.8    | 1.30   | 13.8   |
| %RSD      | .41873  | .40767  | .21848  | .86825 | .35116 |
| #1        | 4099.8  | 72639.  | 5827.5  | 148.27 | 3910.2 |
| #2        | 4124.1  | 73059.  | 5845.6  | 150.10 | 3929.6 |

Sample Name: NI 40PPM      Acquired: 1/4/2017 13:29:59      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00136 | .00470 | .00128 | .00498 | .02127 | .01263 | .00090 | .00018 |
| Stddev | .00186 | .00084 | .00053 | .00203 | .00034 | .00146 | .00007 | .00004 |
| %RSD   | 136.86 | 17.964 | 41.096 | 40.731 | 1.6143 | 11.527 | 7.9631 | 22.925 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00267 | -.00529 | -.00166 | -.00355 | -.02103 | -.01365 | -.00085 | -.00021 |
| #2 | -.00004 | -.00410 | -.00091 | -.00641 | -.02151 | -.01160 | -.00095 | -.00015 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00127 | .06637 | .00024 | .00420 | .09865 | .00765 | .00073 | .00527 |
| Stddev | .00003 | .00548 | .00040 | .00001 | .00092 | .00157 | .00002 | .02575 |
| %RSD   | 2.1027 | 8.2542 | 167.06 | .28642 | .93181 | 20.520 | 2.7861 | 488.45 |

|    |         |        |         |        |        |         |         |         |
|----|---------|--------|---------|--------|--------|---------|---------|---------|
| #1 | -.00125 | .06249 | .00004  | .00420 | .09930 | -.00654 | -.00075 | .01294  |
| #2 | -.00129 | .07024 | -.00052 | .00421 | .09800 | -.00876 | -.00072 | -.02348 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 38.418 | .00001 | .01136 | .00119 | .02847 | .08444 | .00267 | .00284 |
| Stddev | .007   | .00011 | .00586 | .00031 | .00182 | .00111 | .00005 | .00817 |
| %RSD   | .01908 | 2127.3 | 51.578 | 26.238 | 6.3904 | 1.3149 | 1.7146 | 287.32 |

|    |        |         |         |         |        |        |         |         |
|----|--------|---------|---------|---------|--------|--------|---------|---------|
| #1 | 38.423 | -.00007 | -.01550 | -.00142 | .02718 | .08522 | -.00264 | .00293  |
| #2 | 38.413 | .00008  | -.00721 | -.00097 | .02976 | .08365 | -.00271 | -.00862 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00095 | .00783 | .00331 | .00446 | .00546 | .0215  | .00064 |  |
| Stddev | .00057 | .00046 | .00025 | .00031 | .00003 | .0004  | .00007 |  |
| %RSD   | 60.035 | 5.8859 | 7.4612 | 6.9012 | .52956 | 1.860  | 10.749 |  |

|    |        |         |         |        |         |        |         |  |
|----|--------|---------|---------|--------|---------|--------|---------|--|
| #1 | .00135 | -.00751 | -.00348 | .00424 | -.00544 | -.0218 | -.00059 |  |
| #2 | .00054 | -.00816 | -.00313 | .00467 | -.00548 | -.0213 | -.00069 |  |

Sample Name: NI 40PPM      Acquired: 1/4/2017 13:29:59      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4110.3  | 73025.  | 5837.7  | 147.64 | 3895.6 |
| Stddev    | 15.2    | 194.    | 2.2     | .62    | 14.7   |
| %RSD      | .36888  | .26524  | .03745  | .41799 | .37712 |
| #1        | 4099.6  | 73162.  | 5836.1  | 148.07 | 3885.2 |
| #2        | 4121.0  | 72888.  | 5839.2  | 147.20 | 3906.0 |

Sample Name: NI 50PPM      Acquired: 1/4/2017 13:34:05      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00340 | .00411 | .00000 | .00444 | .02943 | .00284 | .00101 | .00027 |
| Stddev | .00035 | .00104 | .0001  | .00100 | .00009 | .00935 | .00037 | .00004 |
| %RSD   | 10.330 | 25.409 | 1317.2 | 22.522 | .31649 | 329.71 | 36.627 | 14.909 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00315 | -.00337 | -.00004 | -.00374 | -.02950 | .00378  | -.00127 | -.00024 |
| #2 | -.00365 | -.00485 | .00003  | -.00515 | -.02937 | -.00945 | -.00075 | -.00030 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00130 | .08455 | .00017 | .00547 | .12632 | .00881 | .00066 | .00739 |
| Stddev | .00019 | .00313 | .00039 | .00027 | .00156 | .00421 | .00004 | .00873 |
| %RSD   | 14.840 | 3.7027 | 226.69 | 5.0186 | 1.2366 | 47.754 | 5.3851 | 118.05 |

|    |         |        |         |        |        |         |         |        |
|----|---------|--------|---------|--------|--------|---------|---------|--------|
| #1 | -.00117 | .08233 | .00045  | .00566 | .12742 | -.01179 | -.00063 | .00122 |
| #2 | -.00144 | .08676 | -.00010 | .00527 | .12521 | -.00584 | -.00068 | .01356 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 48.597 | .00009 | .01127 | .00104 | .03220 | .06521 | .00273 | .00190 |
| Stddev | .166   | .00012 | .00519 | .00042 | .00033 | .04172 | .00033 | .01047 |
| %RSD   | .34159 | 128.66 | 46.050 | 39.963 | 1.0274 | 63.985 | 12.079 | 550.20 |

|    |        |         |         |         |        |        |         |         |
|----|--------|---------|---------|---------|--------|--------|---------|---------|
| #1 | 48.714 | -.00001 | -.00760 | -.00133 | .03244 | .09471 | -.00296 | .00550  |
| #2 | 48.480 | -.00017 | -.01494 | -.00075 | .03197 | .03570 | -.00249 | -.00931 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00343 | .00970 | .00329 | .00755 | .00319 | .0245  | .00066 |  |
| Stddev | .00317 | .00076 | .00017 | .00113 | .00139 | .0004  | .00000 |  |
| %RSD   | 92.275 | 7.8823 | 5.1568 | 14.974 | 43.392 | 1.802  | .10566 |  |

|    |        |         |         |        |         |        |         |  |
|----|--------|---------|---------|--------|---------|--------|---------|--|
| #1 | .00119 | -.00916 | -.00341 | .00675 | -.00221 | -.0248 | -.00066 |  |
| #2 | .00567 | -.01024 | -.00317 | .00835 | -.00417 | -.0241 | -.00066 |  |

Sample Name: NI 50PPM      Acquired: 1/4/2017 13:34:05      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4100.3  | 72601.  | 5871.6  | 148.80 | 3850.2 |
| Stddev    | 5.6     | 291.    | 6.7     | .76    | 12.8   |
| %RSD      | .13612  | .40095  | .11390  | .50760 | .33171 |
| #1        | 4096.4  | 72396.  | 5866.9  | 148.27 | 3841.2 |
| #2        | 4104.3  | 72807.  | 5876.4  | 149.34 | 3859.3 |

Sample Name: ZN 20PPM      Acquired: 1/4/2017 13:49:03      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00029 | .00474 | .00617 | .00329 | .00152 | .01542 | .00117 | .00009 |
| Stddev | .00049 | .00059 | .00086 | .00132 | .00036 | .00063 | .00014 | .00000 |
| %RSD   | 168.73 | 12.350 | 13.856 | 40.191 | 23.412 | 4.1048 | 11.615 | 1.2875 |

|    |         |         |         |         |        |        |         |         |
|----|---------|---------|---------|---------|--------|--------|---------|---------|
| #1 | -.00063 | -.00516 | -.00678 | -.00235 | .00178 | .01587 | -.00107 | -.00009 |
| #2 | .00006  | -.00433 | -.00557 | -.00422 | .00127 | .01498 | -.00126 | -.00009 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00126 | .01469 | .00037 | .00087 | .00112 | .01947 | .00094 | .00205 |
| Stddev | .00003 | .00627 | .00035 | .00006 | .00022 | .00112 | .00011 | .00238 |
| %RSD   | 2.5022 | 42.673 | 93.265 | 6.3068 | 19.558 | 5.7375 | 11.425 | 115.76 |

|    |         |        |         |         |         |         |        |         |
|----|---------|--------|---------|---------|---------|---------|--------|---------|
| #1 | -.00128 | .01026 | -.00061 | -.00091 | -.00127 | -.01868 | .00102 | -.00373 |
| #2 | -.00124 | .01912 | -.00013 | -.00083 | -.00096 | -.02026 | .00087 | -.00037 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00290 | .00039 | .00518 | .00104 | 18.996 | .10362 | .00454 | .00415 |
| Stddev | .00032 | .00002 | .00215 | .00027 | .012   | .01583 | .00030 | .00104 |
| %RSD   | 11.062 | 6.4322 | 41.543 | 25.639 | .06062 | 15.277 | 6.7017 | 24.964 |

|    |        |         |         |         |        |        |         |         |
|----|--------|---------|---------|---------|--------|--------|---------|---------|
| #1 | .00313 | -.00041 | -.00670 | -.00085 | 18.988 | .09242 | -.00476 | -.00342 |
| #2 | .00267 | -.00037 | -.00366 | -.00123 | 19.004 | .11481 | -.00433 | -.00489 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00273 | .00428 | .00256 | .00044 | .00420 | .0038  | .00059 |  |
| Stddev | .00141 | .00138 | .00077 | .00129 | .00046 | .0001  | .00008 |  |
| %RSD   | 51.686 | 32.328 | 30.054 | 289.14 | 10.970 | 3.402  | 13.038 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00173 | -.00330 | -.00310 | .00046  | -.00388 | -.0039 | -.00053 |  |
| #2 | -.00373 | -.00526 | -.00201 | -.00135 | -.00453 | -.0037 | -.00064 |  |

Sample Name: ZN 20PPM      Acquired: 1/4/2017 13:49:03      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4090.0  | 72159.  | 5809.0  | 147.60 | 3961.1 |
| Stddev    | 19.1    | 281.    | 32.2    | .51    | 19.0   |
| %RSD      | .46751  | .38936  | .55375  | .34406 | .47907 |
| #1        | 4076.5  | 72358.  | 5786.3  | 147.24 | 3947.7 |
| #2        | 4103.5  | 71961.  | 5831.8  | 147.96 | 3974.5 |

Sample Name: ZN 30PPM      Acquired: 1/4/2017 13:53:09      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00141 | -.00412 | -.00759 | -.00305 | .00644 | -.00512 | -.00084 | .00000 |
| Stddev | .00085 | .00015  | .00092  | .00144  | .00044 | .00721  | .00024  | .00002 |
| %RSD   | 60.222 | 3.7561  | 12.151  | 47.241  | 6.8800 | 140.75  | 28.399  | 1276.3 |

|    |        |         |         |         |        |         |         |         |
|----|--------|---------|---------|---------|--------|---------|---------|---------|
| #1 | .00201 | -.00422 | -.00694 | -.00203 | .00613 | -.01021 | -.00067 | -.00001 |
| #2 | .00081 | -.00401 | -.00825 | -.00406 | .00676 | -.00002 | -.00101 | .00002  |

|        |         |        |         |         |         |         |         |         |
|--------|---------|--------|---------|---------|---------|---------|---------|---------|
| Elem   | Cd2265  | Ca3736 | Cr2677  | Co2286  | Cu2247  | Fe2404  | Mn2576  | Mg2790  |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | -.00112 | .00682 | -.00022 | -.00096 | -.00103 | -.04499 | -.00041 | -.00214 |
| Stddev | .00007  | .00636 | .00007  | .00002  | .00008  | .00465  | .00007  | .01322  |
| %RSD   | 6.1002  | 93.201 | 34.213  | 2.5347  | 7.7082  | 10.326  | 16.882  | 618.06  |

|    |         |        |         |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|---------|
| #1 | -.00116 | .01132 | -.00016 | -.00094 | -.00098 | -.04827 | -.00046 | .00721  |
| #2 | -.00107 | .00233 | -.00027 | -.00098 | -.00109 | -.04170 | -.00036 | -.01149 |

|        |        |         |         |         |        |        |         |         |
|--------|--------|---------|---------|---------|--------|--------|---------|---------|
| Elem   | Ni2316 | Ag3280  | Na5895  | V_2924  | Zn2138 | K_7664 | Mo2020  | B_2496  |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    | ppm     | ppm     |
| Avg    | .00103 | -.00040 | -.00349 | -.00162 | 31.003 | .11848 | -.00591 | -.00877 |
| Stddev | .00004 | .00015  | .00213  | .00001  | .034   | .03403 | .00025  | .00302  |
| %RSD   | 3.6935 | 38.561  | 61.105  | .33656  | .11087 | 28.719 | 4.1989  | 34.485  |

|    |        |         |         |         |        |        |         |         |
|----|--------|---------|---------|---------|--------|--------|---------|---------|
| #1 | .00101 | -.00051 | -.00500 | -.00161 | 31.028 | .14254 | -.00573 | -.01090 |
| #2 | .00106 | -.00029 | -.00198 | -.00162 | 30.979 | .09442 | -.00608 | -.00663 |

|        |         |         |         |         |         |        |         |  |
|--------|---------|---------|---------|---------|---------|--------|---------|--|
| Elem   | S_1820  | Si2881  | Sn1899  | Ti3361  | Li6707  | P_1774 | Sr4077  |  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | ppm     |  |
| Avg    | -.00177 | -.00270 | -.00240 | -.00055 | -.00438 | -.0034 | -.00059 |  |
| Stddev | .00190  | .00050  | .00055  | .00056  | .00021  | .0003  | .00005  |  |
| %RSD   | 107.64  | 18.670  | 22.746  | 100.83  | 4.7014  | 7.645  | 7.8087  |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00311 | -.00305 | -.00279 | -.00095 | -.00424 | -.0036 | -.00056 |  |
| #2 | -.00042 | -.00234 | -.00201 | -.00016 | -.00453 | -.0032 | -.00062 |  |

Sample Name: ZN 30PPM      Acquired: 1/4/2017 13:53:09      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4089.2  | 72407.  | 5787.7  | 145.50 | 3956.0 |
| Stddev    | 10.2    | 130.    | 29.4    | .19    | 3.4    |
| %RSD      | .24914  | .18001  | .50723  | .13033 | .08586 |
| #1        | 4082.0  | 72315.  | 5766.9  | 145.37 | 3953.6 |
| #2        | 4096.4  | 72499.  | 5808.4  | 145.64 | 3958.4 |

Sample Name: ZN 40PPM      Acquired: 1/4/2017 13:57:20      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00307 | -.00475 | -.00699 | -.00267 | .00980 | .00332 | -.00102 | -.00006 |
| Stddev | .00077 | .00102  | .00031  | .00061  | .00227 | .00048 | .00007  | .00001  |
| %RSD   | 24.926 | 21.507  | 4.4278  | 22.876  | 23.176 | 14.621 | 7.1943  | 15.969  |

|    |        |         |         |         |        |        |         |         |
|----|--------|---------|---------|---------|--------|--------|---------|---------|
| #1 | .00361 | -.00547 | -.00677 | -.00224 | .01140 | .00297 | -.00097 | -.00005 |
| #2 | .00253 | -.00403 | -.00721 | -.00310 | .00819 | .00366 | -.00108 | -.00007 |

|        |         |        |         |         |         |         |        |         |
|--------|---------|--------|---------|---------|---------|---------|--------|---------|
| Elem   | Cd2265  | Ca3736 | Cr2677  | Co2286  | Cu2247  | Fe2404  | Mn2576 | Mg2790  |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg    | -.00113 | .00950 | -.00016 | -.00097 | -.00116 | -.05246 | .00097 | -.01060 |
| Stddev | .00009  | .01069 | .00025  | .00011  | .00035  | .00169  | .00015 | .00385  |
| %RSD   | 7.7921  | 112.56 | 158.57  | 11.350  | 30.294  | 3.2277  | 15.346 | 36.334  |

|    |         |        |         |         |         |         |        |         |
|----|---------|--------|---------|---------|---------|---------|--------|---------|
| #1 | -.00107 | .01706 | .00002  | -.00089 | -.00140 | -.05365 | .00087 | -.00788 |
| #2 | -.00120 | .00194 | -.00033 | -.00104 | -.00091 | -.05126 | .00108 | -.01333 |

|        |        |         |         |         |        |        |         |         |
|--------|--------|---------|---------|---------|--------|--------|---------|---------|
| Elem   | Ni2316 | Ag3280  | Na5895  | V_2924  | Zn2138 | K_7664 | Mo2020  | B_2496  |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    | ppm     | ppm     |
| Avg    | .00083 | -.00054 | -.00618 | -.00095 | 37.572 | .07401 | -.00651 | -.00258 |
| Stddev | .00010 | .00001  | .00115  | .00046  | .380   | .01946 | .00010  | .00434  |
| %RSD   | 12.431 | 1.1718  | 18.694  | 48.428  | 1.0117 | 26.296 | 1.4704  | 168.34  |

|    |        |         |         |         |        |        |         |         |
|----|--------|---------|---------|---------|--------|--------|---------|---------|
| #1 | .00090 | -.00055 | -.00699 | -.00128 | 37.841 | .08778 | -.00658 | -.00565 |
| #2 | .00075 | -.00054 | -.00536 | -.00063 | 37.303 | .06025 | -.00644 | .00049  |

|        |         |         |         |        |         |        |         |  |
|--------|---------|---------|---------|--------|---------|--------|---------|--|
| Elem   | S_1820  | Si2881  | Sn1899  | Ti3361 | Li6707  | P_1774 | Sr4077  |  |
| Units  | ppm     | ppm     | ppm     | ppm    | ppm     | ppm    | ppm     |  |
| Avg    | -.00315 | -.00440 | -.00210 | .00009 | -.00407 | -.0030 | -.00063 |  |
| Stddev | .00185  | .00287  | .00036  | .00030 | .00004  | .0002  | .00002  |  |
| %RSD   | 58.792  | 65.157  | 16.941  | 323.86 | 1.0381  | 6.224  | 3.0726  |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00184 | -.00237 | -.00185 | -.00012 | -.00404 | -.0032 | -.00061 |  |
| #2 | -.00445 | -.00643 | -.00235 | .00030  | -.00410 | -.0029 | -.00064 |  |

Sample Name: ZN 40PPM      Acquired: 1/4/2017 13:57:20      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4131.5  | 73315.  | 5810.4  | 146.22 | 4000.0 |
| Stddev    | 11.9    | 66.     | 28.2    | 1.71   | 13.6   |
| %RSD      | .28920  | .08942  | .48455  | 1.1716 | .33876 |
| #1        | 4123.0  | 73361.  | 5790.5  | 145.01 | 3990.5 |
| #2        | 4139.9  | 73268.  | 5830.3  | 147.43 | 4009.6 |

Sample Name: AS 45PPM      Acquired: 1/4/2017 14:01:30      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | 44.139 | -.00467 | -.00461 | -.00418 | -.00311 | -.00016 | -.00075 | -.00001 |
| Stddev | .003   | .00044  | .00010  | .00005  | .00046  | .00211  | .00027  | .00002  |
| %RSD   | .00620 | 9.3580  | 2.2618  | 1.0995  | 14.693  | 1299.9  | 36.236  | 185.41  |

|    |        |         |         |         |         |         |         |         |
|----|--------|---------|---------|---------|---------|---------|---------|---------|
| #1 | 44.141 | -.00498 | -.00468 | -.00421 | -.00343 | .00133  | -.00094 | .00000  |
| #2 | 44.137 | -.00436 | -.00454 | -.00414 | -.00279 | -.00165 | -.00056 | -.00003 |

|        |         |        |        |         |         |         |        |        |
|--------|---------|--------|--------|---------|---------|---------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286  | Cu2247  | Fe2404  | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    |
| Avg    | -.00118 | .02065 | .00004 | -.00107 | -.00121 | -.00155 | .00033 | .00523 |
| Stddev | .00007  | .00272 | .00025 | .00019  | .00022  | .00076  | .00001 | .01073 |
| %RSD   | 6.0644  | 13.179 | 689.66 | 18.112  | 18.523  | 48.779  | 2.3708 | 205.01 |

|    |         |        |         |         |         |         |        |         |
|----|---------|--------|---------|---------|---------|---------|--------|---------|
| #1 | -.00123 | .01872 | .00021  | -.00121 | -.00137 | -.00209 | .00033 | .01282  |
| #2 | -.00113 | .02257 | -.00014 | -.00093 | -.00105 | -.00102 | .00032 | -.00235 |

|        |        |         |         |         |        |        |         |        |
|--------|--------|---------|---------|---------|--------|--------|---------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895  | V_2924  | Zn2138 | K_7664 | Mo2020  | B_2496 |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    | ppm     | ppm    |
| Avg    | .00059 | -.00035 | -.00998 | -.00086 | .01411 | .08248 | -.00287 | .00131 |
| Stddev | .00001 | .00051  | .00676  | .00080  | .00242 | .05017 | .00023  | .00251 |
| %RSD   | 1.9926 | 146.16  | 67.766  | 92.968  | 17.135 | 60.819 | 7.8426  | 190.76 |

|    |        |         |         |         |        |        |         |         |
|----|--------|---------|---------|---------|--------|--------|---------|---------|
| #1 | .00058 | -.00071 | -.01476 | -.00143 | .01582 | .11796 | -.00303 | .00308  |
| #2 | .00060 | .00001  | -.00520 | -.00030 | .01240 | .04701 | -.00271 | -.00046 |

|        |         |         |         |         |         |        |         |  |
|--------|---------|---------|---------|---------|---------|--------|---------|--|
| Elem   | S_1820  | Si2881  | Sn1899  | Ti3361  | Li6707  | P_1774 | Sr4077  |  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | ppm     |  |
| Avg    | -.00437 | -.00447 | -.00280 | -.00073 | -.00331 | -.0062 | -.00063 |  |
| Stddev | .00186  | .00173  | .00040  | .00100  | .00123  | .0007  | .00009  |  |
| %RSD   | 42.614  | 38.650  | 14.485  | 136.44  | 37.171  | 11.81  | 14.057  |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00569 | -.00569 | -.00308 | -.00144 | -.00417 | -.0067 | -.00069 |  |
| #2 | -.00306 | -.00325 | -.00251 | -.00003 | -.00244 | -.0057 | -.00057 |  |

Sample Name: AS 45PPM      Acquired: 1/4/2017 14:01:30      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4112.9  | 73180.  | 5829.5  | 152.57 | 4116.2 |
| Stddev    | .4      | 571.    | 4.7     | 2.06   | .1     |
| %RSD      | .00997  | .78001  | .08066  | 1.3483 | .00201 |
| #1        | 4113.2  | 72777.  | 5832.8  | 154.02 | 4116.3 |
| #2        | 4112.6  | 73584.  | 5826.2  | 151.11 | 4116.2 |

Sample Name: AS 65PPM      Acquired: 1/4/2017 14:05:35      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | 54.042 | .00406 | .00424 | .00687 | .00285 | .00363 | .00080 | .00002 |
| Stddev | .002   | .00054 | .00066 | .00180 | .00046 | .02317 | .00022 | .00009 |
| %RSD   | .00344 | 13.196 | 15.489 | 26.168 | 16.180 | 637.38 | 28.100 | 410.48 |

|    |        |         |         |         |         |         |         |         |
|----|--------|---------|---------|---------|---------|---------|---------|---------|
| #1 | 64.043 | -.00444 | -.00470 | -.00560 | -.00253 | -.02002 | -.00095 | .00009  |
| #2 | 64.040 | -.00368 | -.00377 | -.00814 | -.00318 | .01275  | -.00064 | -.00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00121 | .00485 | .00022 | .00081 | .00151 | .00507 | .00004 | .01942 |
| Stddev | .00002 | .00240 | .00020 | .00018 | .00028 | .00082 | .00002 | .00859 |
| %RSD   | 1.7632 | 49.572 | 93.277 | 21.781 | 18.825 | 16.143 | 59.207 | 44.255 |

|    |         |        |         |         |         |         |        |         |
|----|---------|--------|---------|---------|---------|---------|--------|---------|
| #1 | -.00119 | .00655 | -.00036 | -.00094 | -.00172 | -.00565 | .00002 | -.01334 |
| #2 | -.00122 | .00315 | -.00007 | -.00069 | -.00131 | -.00449 | .00005 | -.02550 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00025 | .00013 | .01719 | .00047 | .00309 | .07643 | .00289 | .00120 |
| Stddev | .00023 | .00010 | .00062 | .00010 | .00035 | .01852 | .00026 | .00948 |
| %RSD   | 91.996 | 75.103 | 3.6293 | 20.379 | 11.213 | 24.236 | 8.9589 | 788.05 |

|    |        |         |         |         |        |        |         |         |
|----|--------|---------|---------|---------|--------|--------|---------|---------|
| #1 | .00009 | -.00020 | -.01675 | -.00053 | .00334 | .06333 | -.00307 | -.00790 |
| #2 | .00042 | -.00006 | -.01763 | -.00040 | .00285 | .08953 | -.00271 | .00550  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00430 | .00296 | .00257 | .00027 | .00431 | .0068  | .00065 |  |
| Stddev | .00148 | .00023 | .00014 | .00242 | .00049 | .0003  | .00002 |  |
| %RSD   | 34.507 | 7.9224 | 5.2867 | 888.61 | 11.284 | 4.321  | 2.6712 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00535 | -.00279 | -.00247 | .00144  | -.00466 | -.0070 | -.00064 |  |
| #2 | -.00325 | -.00312 | -.00266 | -.00198 | -.00397 | -.0066 | -.00066 |  |

Sample Name: AS 65PPM      Acquired: 1/4/2017 14:05:35      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4093.0  | 72019.  | 5819.4  | 153.36 | 4058.3 |
| Stddev    | 10.4    | 37.     | 16.2    | 1.21   | 1.2    |
| %RSD      | .25511  | .05138  | .27906  | .78594 | .02974 |
| #1        | 4085.6  | 72045.  | 5808.0  | 154.21 | 4059.1 |
| #2        | 4100.4  | 71993.  | 5830.9  | 152.50 | 4057.4 |

Sample Name: AS 85PPM      Acquired: 1/4/2017 14:09:40      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | 33.811 | .00428 | .00539 | .00943 | .00276 | .00785 | .00053 | .00003 |
| Stddev | .337   | .00085 | .00065 | .00016 | .00032 | .00093 | .00018 | .00001 |
| %RSD   | .40185 | 19.878 | 12.069 | 1.7164 | 11.608 | 11.885 | 33.903 | 50.548 |

|    |        |         |         |         |         |        |         |        |
|----|--------|---------|---------|---------|---------|--------|---------|--------|
| #1 | 84.049 | -.00488 | -.00585 | -.00931 | -.00298 | .00851 | -.00066 | .00002 |
| #2 | 83.573 | -.00368 | -.00493 | -.00954 | -.00253 | .00719 | -.00040 | .00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00129 | .00544 | .00063 | .00084 | .00139 | .00051 | .00011 | .01102 |
| Stddev | .00004 | .00130 | .00066 | .00016 | .00000 | .00280 | .00002 | .00410 |
| %RSD   | 2.7649 | 23.904 | 105.27 | 18.582 | .05254 | 554.02 | 19.116 | 37.196 |

|    |         |        |        |         |         |         |        |         |
|----|---------|--------|--------|---------|---------|---------|--------|---------|
| #1 | -.00131 | .00452 | .00110 | -.00073 | -.00139 | -.00248 | .00010 | -.00812 |
| #2 | -.00126 | .00636 | .00016 | -.00095 | -.00139 | .00147  | .00013 | -.01391 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00020 | .00014 | .02394 | .00061 | .00223 | .12442 | .00277 | .00137 |
| Stddev | .00030 | .00035 | .00055 | .00002 | .00013 | .00112 | .00009 | .00009 |
| %RSD   | 147.76 | 240.71 | 2.3037 | 4.0391 | 5.9265 | .89967 | 3.0856 | 6.6807 |

|    |         |         |         |         |        |        |         |         |
|----|---------|---------|---------|---------|--------|--------|---------|---------|
| #1 | .00041  | -.00039 | -.02433 | -.00063 | .00232 | .12522 | -.00283 | -.00144 |
| #2 | -.00001 | .00010  | -.02355 | -.00059 | .00213 | .12363 | -.00271 | -.00131 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00540 | .00155 | .00314 | .00023 | .00401 | .0071  | .00068 |  |
| Stddev | .00158 | .00050 | .00013 | .00085 | .00097 | .0009  | .00011 |  |
| %RSD   | 29.273 | 31.984 | 4.1079 | 374.78 | 24.067 | 12.13  | 15.949 |  |

|    |         |        |         |         |         |        |         |  |
|----|---------|--------|---------|---------|---------|--------|---------|--|
| #1 | -.00652 | .00190 | -.00323 | -.00083 | -.00333 | -.0077 | -.00076 |  |
| #2 | -.00429 | .00120 | -.00305 | .00037  | -.00470 | -.0065 | -.00061 |  |

Sample Name: AS 85PPM      Acquired: 1/4/2017 14:09:40      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4086.3  | 71626.  | 5770.8  | 149.14 | 4039.6 |
| Stddev    | 27.8    | 100.    | 7.0     | 1.26   | 31.7   |
| %RSD      | .68146  | .13901  | .12171  | .84694 | .78556 |
|           |         |         |         |        |        |
| #1        | 4066.6  | 71555.  | 5775.8  | 148.25 | 4017.2 |
| #2        | 4106.0  | 71696.  | 5765.9  | 150.04 | 4062.1 |

Sample Name: CCV04      Acquired: 1/4/2017 14:13:46      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV04      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    | 4.9843 | 5.1463 | 5.0628 | 5.1102 | 5.0409 | 10.033 | 10.202 | .26537 | 2.5412 |
| Stddev | .0048  | .0118  | .0151  | .0070  | .0107  | .012   | .031   | .00128 | .0040  |
| %RSD   | .09683 | .22845 | .29845 | .13734 | .21178 | .11898 | .30414 | .48101 | .15613 |
| #1     | 4.9877 | 5.1546 | 5.0735 | 5.1152 | 5.0484 | 10.025 | 10.224 | .26627 | 2.5440 |
| #2     | 4.9809 | 5.1380 | 5.0521 | 5.1052 | 5.0333 | 10.042 | 10.180 | .26446 | 2.5384 |
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 26.012 | 1.0567 | 2.5373 | 1.2712 | 4.8150 | 2.5745 | 25.184 | 2.5567 | 1.2622 |
| Stddev | .070   | .0058  | .0067  | .0024  | .1366  | .0086  | .100   | .0065  | .0011  |
| %RSD   | .27007 | .54812 | .26373 | .18452 | 2.8364 | .33479 | .39718 | .25232 | .08718 |
| #1     | 25.962 | 1.0608 | 2.5420 | 1.2729 | 4.7184 | 2.5806 | 25.113 | 2.5612 | 1.2630 |
| #2     | 26.061 | 1.0526 | 2.5325 | 1.2696 | 4.9115 | 2.5684 | 25.255 | 2.5521 | 1.2614 |
| 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    | 25.140 | 2.6227 | 2.4004 | 23.734 | 5.0659 | 4.9401 | 5.0520 | 4.9425 | 5.0422 |
| Stddev | .102   | .0100  | .0407  | .115   | .0083  | .0187  | .0169  | .0189  | .0067  |
| %RSD   | .40774 | .38249 | 1.6944 | .48381 | .16487 | .37791 | .33352 | .38265 | .13388 |
| #1     | 25.067 | 2.6298 | 2.3716 | 23.653 | 5.0718 | 4.9269 | 5.0640 | 4.9558 | 5.0470 |
| #2     | 25.212 | 2.6156 | 2.4292 | 23.815 | 5.0600 | 4.9533 | 5.0401 | 4.9291 | 5.0374 |
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |        |        |        |        |        |
| Units  | ppm    | ppm    | ppm    | ppm    |        |        |        |        |        |
| Avg    | 5.0478 | 5.1559 | 5.181  | 5.0622 |        |        |        |        |        |
| Stddev | .0325  | .0236  | .011   | .0019  |        |        |        |        |        |
| %RSD   | .64463 | .45738 | .2173  | .03786 |        |        |        |        |        |
| #1     | 5.0248 | 5.1392 | 5.189  | 5.0609 |        |        |        |        |        |
| #2     | 5.0708 | 5.1726 | 5.173  | 5.0636 |        |        |        |        |        |

Sample Name: CCV04      Acquired: 1/4/2017 14:13:46      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV04      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       | 3980.9  | 70154.  | 5743.8  | 142.06 | 3685.9 |
| Stddev    | 15.4    | 312.    | 19.4    | 2.11   | 16.3   |
| %RSD      | .38567  | .44422  | .33861  | 1.4854 | .44222 |
| #1        | 3970.0  | 69934.  | 5730.1  | 143.55 | 3674.3 |
| #2        | 3991.7  | 70374.  | 5757.6  | 140.56 | 3697.4 |

Sample Name: CCB04      Acquired: 1/4/2017 14:29:52      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00045 | .00452 | .00458 | .00381 | .00205 | .00500 | .00116 | .00003 |
| Stddev | .00048 | .00185 | .00035 | .00031 | .00060 | .00496 | .00002 | .00012 |
| %RSD   | 108.05 | 40.926 | 7.6555 | 8.1283 | 29.286 | 99.153 | 1.8783 | 417.50 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00011 | -.00583 | -.00433 | -.00359 | -.00163 | -.00850 | -.00114 | -.00011 |
| #2 | -.00079 | -.00321 | -.00482 | -.00402 | -.00248 | -.00149 | -.00118 | .00006  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00123 | .00703 | .00067 | .00145 | .00183 | .00104 | .00105 | .02716 |
| Stddev | .00007 | .00529 | .00038 | .00010 | .00035 | .00368 | .00014 | .01034 |
| %RSD   | 5.6302 | 75.191 | 56.822 | 6.6505 | 19.001 | 355.26 | 12.858 | 38.055 |

|    |         |        |         |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|---------|
| #1 | -.00127 | .00329 | -.00040 | -.00138 | -.00158 | -.00157 | -.00115 | -.01985 |
| #2 | -.00118 | .01077 | -.00093 | -.00151 | -.00207 | .00364  | -.00096 | -.03447 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00053 | .00038 | .00576 | .00142 | .00135 | .06308 | .00270 | .00403 |
| Stddev | .00031 | .00024 | .00263 | .00030 | .00008 | .01123 | .00014 | .00173 |
| %RSD   | 59.484 | 61.987 | 45.571 | 21.159 | 6.2328 | 17.807 | 5.0546 | 42.993 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00075 | -.00022 | -.00762 | -.00164 | -.00129 | .05514 | -.00260 | -.00281 |
| #2 | -.00031 | -.00055 | -.00391 | -.00121 | -.00141 | .07103 | -.00280 | -.00526 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00246 | .00121 | .00274 | .00051 | .00318 | .0062  | .00067 |
| Stddev | .00306 | .00168 | .00057 | .00130 | .00034 | .0002  | .00004 |
| %RSD   | 124.40 | 138.86 | 20.743 | 255.23 | 10.802 | 2.724  | 5.5864 |

|    |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|--------|---------|
| #1 | -.00030 | -.00240 | -.00314 | .00041  | -.00343 | -.0061 | -.00069 |
| #2 | -.00463 | -.00002 | -.00234 | -.00143 | -.00294 | -.0063 | -.00064 |

Sample Name: CCB04      Acquired: 1/4/2017 14:29:52      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB04      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       | 4111.5  | 71899.  | 5779.6  | 147.04 | 3944.7 |
| Stddev    | 13.0    | 210.    | 31.7    | .79    | 6.8    |
| %RSD      | .31716  | .29153  | .54811  | .53553 | .17304 |
| #1        | 4102.3  | 71751.  | 5802.0  | 146.49 | 3939.9 |
| #2        | 4120.8  | 72047.  | 5757.2  | 147.60 | 3949.5 |

Sample Name: MO 45PPM      Acquired: 1/4/2017 14:35:15      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .04496 | .04909 | .05961 | .00080 | .07677 | .19243 | .00078 | .00392 |
| Stddev | .00148 | .00014 | .00204 | .00031 | .00078 | .02065 | .00023 | .00002 |
| %RSD   | 3.2877 | .27677 | 3.4184 | 38.365 | 1.0222 | 10.730 | 28.938 | .51902 |

|    |         |        |         |        |         |        |         |        |
|----|---------|--------|---------|--------|---------|--------|---------|--------|
| #1 | -.04392 | .04918 | -.06105 | .00102 | -.07733 | .17783 | -.00062 | .00393 |
| #2 | -.04601 | .04899 | -.05817 | .00059 | -.07622 | .20703 | -.00095 | .00390 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00272 | .00043 | .00249 | .02412 | .00901 | .12589 | .00294 | .42305 |
| Stddev | .00017 | .00370 | .00036 | .00009 | .00016 | .00207 | .00003 | .01469 |
| %RSD   | 6.3061 | 852.86 | 14.331 | .36948 | 1.7675 | 1.6470 | .94355 | 3.4717 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00259 | -.00218 | -.00274 | -.02406 | -.00913 | -.12736 | -.00292 | -.43343 |
| #2 | -.00284 | .00305  | -.00224 | -.02418 | -.00890 | -.12443 | -.00296 | -.41266 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01148 | .00188 | .10511 | .17431 | .01206 | .07431 | 45.075 | .01559 |
| Stddev | .00009 | .00047 | .00115 | .00053 | .00012 | .01610 | .157   | .00347 |
| %RSD   | .75888 | 24.941 | 1.0897 | .30381 | 1.0024 | 21.673 | .34727 | 22.286 |

|    |        |         |        |         |         |        |        |        |
|----|--------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .01142 | -.00221 | .10430 | -.17394 | -.01197 | .08569 | 45.186 | .01805 |
| #2 | .01154 | -.00155 | .10592 | -.17469 | -.01214 | .06292 | 44.965 | .01313 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02491 | .04095 | .01114 | .00297 | .00426 | .0051  | .00065 |
| Stddev | .00015 | .00256 | .00065 | .00027 | .00043 | .0007  | .00004 |
| %RSD   | .61736 | 6.2450 | 5.8012 | 9.1212 | 10.028 | 13.33  | 6.7394 |

|    |        |        |         |        |         |        |         |
|----|--------|--------|---------|--------|---------|--------|---------|
| #1 | .02502 | .03914 | -.01068 | .00278 | -.00456 | -.0056 | -.00061 |
| #2 | .02480 | .04276 | -.01160 | .00316 | -.00396 | -.0046 | -.00068 |

Sample Name: MO 45PPM      Acquired: 1/4/2017 14:35:15      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4070.4  | 72979.  | 5852.6  | 149.70 | 3584.5 |
| Stddev    | 12.8    | 373.    | 39.6    | 2.12   | 16.9   |
| %RSD      | .31403  | .51090  | .67618  | 1.4170 | .47125 |
| #1        | 4061.4  | 72716.  | 5880.6  | 151.20 | 3572.6 |
| #2        | 4079.4  | 73243.  | 5824.7  | 148.20 | 3596.4 |

Sample Name: MO 65PPM      Acquired: 1/4/2017 14:39:20      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .06428 | .06995 | .10386 | .00110 | .11517 | .38816 | .00042 | .00516 |
| Stddev | .00140 | .00099 | .00045 | .00223 | .00164 | .01033 | .00010 | .00009 |
| %RSD   | 2.1707 | 1.4111 | .42902 | 203.35 | 1.4210 | 2.6604 | 24.995 | 1.6785 |

|    |         |        |         |         |         |        |         |        |
|----|---------|--------|---------|---------|---------|--------|---------|--------|
| #1 | -.06527 | .07064 | -.10355 | .00048  | -.11632 | .38086 | -.00049 | .00510 |
| #2 | -.06329 | .06925 | -.10418 | -.00267 | -.11401 | .39547 | -.00034 | .00522 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00360 | .01217 | .00381 | .04749 | .00786 | .17419 | .00349 | .61429 |
| Stddev | .00010 | .00311 | .00064 | .00019 | .00052 | .00375 | .00002 | .02112 |
| %RSD   | 2.8243 | 25.559 | 16.684 | .39568 | 6.6073 | 2.1507 | .66918 | 3.4389 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00353 | -.01436 | -.00426 | -.04736 | -.00823 | -.17154 | -.00351 | -.62923 |
| #2 | -.00367 | -.00997 | -.00336 | -.04762 | -.00749 | -.17684 | -.00348 | -.59935 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01889 | .00261 | .16467 | .26500 | .01588 | .04723 | 34.994 | .01955 |
| Stddev | .00033 | .00006 | .00217 | .00241 | .00018 | .01273 | .227   | .00400 |
| %RSD   | 1.7475 | 2.4207 | 1.3180 | .90805 | 1.1628 | 26.957 | .34942 | 20.454 |

|    |        |         |        |         |         |        |        |        |
|----|--------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .01866 | -.00266 | .16313 | -.26670 | -.01575 | .05623 | 64.834 | .01673 |
| #2 | .01913 | -.00257 | .16620 | -.26329 | -.01601 | .03822 | 65.155 | .02238 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01802 | .06421 | .01467 | .00363 | .00387 | .0058  | .00063 |
| Stddev | .00634 | .00006 | .00045 | .00120 | .00014 | .0011  | .00002 |
| %RSD   | 35.176 | .09861 | 3.0651 | 32.973 | 3.5875 | 19.19  | 3.5816 |

|    |        |        |         |        |         |        |         |
|----|--------|--------|---------|--------|---------|--------|---------|
| #1 | .01353 | .06425 | -.01436 | .00278 | -.00377 | -.0066 | -.00065 |
| #2 | .02250 | .06416 | -.01499 | .00447 | -.00397 | -.0050 | -.00061 |

Sample Name: MO 65PPM      Acquired: 1/4/2017 14:39:20      Type: Unk

Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000

User: JASWAL      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       | 4004.2  | 71882.  | 5800.5  | 145.41 | 3320.5 |
| Stddev    | 6.1     | 76.     | 1.7     | .78    | 4.8    |
| %RSD      | .15109  | .10602  | .02875  | .53492 | .14604 |
| #1        | 3999.9  | 71828.  | 5799.3  | 145.96 | 3317.1 |
| #2        | 4008.5  | 71936.  | 5801.7  | 144.86 | 3323.9 |

Sample Name: MO 85PPM      Acquired: 1/4/2017 14:43:24      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .08350 | .08877 | .16448 | .00122 | .15392 | .63671 | .00114 | .00601 |
| Stddev | .00038 | .00162 | .00390 | .00109 | .00281 | .01250 | .00029 | .00014 |
| %RSD   | .45761 | 1.8206 | 2.3682 | 88.997 | 1.8231 | 1.9637 | 25.364 | 2.3822 |

|    |         |        |         |        |         |        |         |        |
|----|---------|--------|---------|--------|---------|--------|---------|--------|
| #1 | -.08377 | .08991 | -.16723 | .00199 | -.15194 | .62787 | -.00094 | .00611 |
| #2 | -.08323 | .08762 | -.16172 | .00045 | -.15591 | .64555 | -.00135 | .00591 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00466 | .00425 | .00520 | .08156 | .00207 | .24922 | .00501 | .82776 |
| Stddev | .00004 | .00357 | .00010 | .00058 | .00118 | .00710 | .00001 | .01307 |
| %RSD   | .85708 | 83.937 | 1.9442 | .70834 | 57.035 | 2.8501 | .27257 | 1.5788 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00469 | -.00173 | -.00512 | -.08197 | -.00290 | -.24419 | -.00502 | -.81852 |
| #2 | -.00463 | -.00678 | -.00527 | -.08115 | -.00123 | -.25424 | -.00500 | -.83701 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02827 | .00356 | .22701 | .37545 | .02353 | .10874 | 35.302 | .02541 |
| Stddev | .00003 | .00016 | .01363 | .00075 | .00018 | .02925 | .038   | .00778 |
| %RSD   | .09439 | 4.4014 | 6.0052 | .19920 | .77103 | 26.904 | .04484 | 30.617 |

|    |        |         |        |         |         |        |        |        |
|----|--------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .02829 | -.00367 | .23665 | -.37492 | -.02366 | .08805 | 85.330 | .01991 |
| #2 | .02825 | -.00345 | .21737 | -.37598 | -.02340 | .12942 | 85.275 | .03091 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00738 | .08484 | .01915 | .00615 | .00479 | .0067  | .00043 |  |
| Stddev | .00364 | .00086 | .00034 | .00005 | .00039 | .0017  | .00001 |  |
| %RSD   | 49.275 | 1.0163 | 1.7613 | .85109 | 8.1515 | 24.65  | 2.9642 |  |

|    |        |        |         |        |         |        |         |  |
|----|--------|--------|---------|--------|---------|--------|---------|--|
| #1 | .00481 | .08423 | -.01939 | .00618 | -.00452 | -.0079 | -.00042 |  |
| #2 | .00995 | .08545 | -.01891 | .00611 | -.00507 | -.0055 | -.00044 |  |

Sample Name: MO 85PPM      Acquired: 1/4/2017 14:43:24      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3934.3  | 71592.  | 5801.4  | 142.30 | 3058.6 |
| Stddev    | 4.5     | 508.    | 17.9    | .19    | 5.1    |
| %RSD      | .11490  | .70895  | .30776  | .13101 | .16668 |
| #1        | 3937.5  | 71233.  | 5788.8  | 142.43 | 3062.3 |
| #2        | 3931.1  | 71950.  | 5814.0  | 142.16 | 3055.0 |

Sample Name: AG 8PPM      Acquired: 1/4/2017 14:47:30      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00043 | .00482 | .00504 | .00299 | .00240 | .00531 | .00088 | .00002 |
| Stddev | .00245 | .00068 | .00055 | .00089 | .00089 | .00167 | .00029 | .00010 |
| %RSD   | 574.81 | 14.112 | 10.977 | 29.781 | 36.940 | 31.449 | 33.401 | 584.91 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | .00131  | -.00530 | -.00465 | -.00236 | -.00303 | .00413 | -.00067 | .00009  |
| #2 | -.00216 | -.00434 | -.00543 | -.00362 | -.00177 | .00649 | -.00109 | -.00006 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00123 | .02101 | .00055 | .00117 | .00162 | .00044 | .00073 | .00675 |
| Stddev | .00006 | .00160 | .00011 | .00035 | .00038 | .00154 | .00002 | .01608 |
| %RSD   | 5.1997 | 7.6143 | 20.489 | 30.260 | 23.390 | 349.92 | 2.2123 | 238.20 |

|    |         |        |         |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|---------|
| #1 | -.00119 | .02214 | -.00063 | -.00092 | -.00135 | .00065  | -.00072 | -.00462 |
| #2 | -.00128 | .01988 | -.00047 | -.00142 | -.00188 | -.00153 | -.00075 | .01812  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00060 | 7.7688 | .00657 | .00130 | .00089 | .09597 | .01724 | .00277 |
| Stddev | .00005 | .0158  | .00473 | .00034 | .00008 | .02350 | .00104 | .00782 |
| %RSD   | 8.5816 | .20313 | 71.993 | 25.865 | 9.4164 | 24.489 | 6.0098 | 282.15 |

|    |         |        |         |         |         |        |        |         |
|----|---------|--------|---------|---------|---------|--------|--------|---------|
| #1 | -.00064 | 7.7576 | -.00992 | -.00154 | -.00095 | .11259 | .01797 | -.00276 |
| #2 | -.00057 | 7.7800 | -.00323 | -.00106 | -.00083 | .07936 | .01650 | .00830  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00166 | .00625 | .00324 | .00077 | .00438 | .0035  | .00068 |  |
| Stddev | .00133 | .00054 | .00041 | .00110 | .00046 | .0006  | .00008 |  |
| %RSD   | 80.483 | 8.5799 | 12.558 | 144.04 | 10.482 | 16.91  | 12.098 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00071 | -.00587 | -.00295 | .00001  | -.00406 | -.0031 | -.00074 |  |
| #2 | -.00260 | -.00663 | -.00352 | -.00155 | -.00471 | -.0039 | -.00062 |  |

Sample Name: AG 8PPM      Acquired: 1/4/2017 14:47:30      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4102.1  | 71755.  | 5750.0  | 145.90 | 3913.4 |
| Stddev    | 11.4    | 438.    | 12.6    | 2.20   | 16.5   |
| %RSD      | .27706  | .61061  | .21849  | 1.5091 | .42091 |
| #1        | 4094.1  | 72064.  | 5758.9  | 147.45 | 3901.7 |
| #2        | 4110.2  | 71445.  | 5741.1  | 144.34 | 3925.0 |

Sample Name: AG 9PPM      Acquired: 1/4/2017 14:51:35      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00069 | .00400 | .00478 | .00222 | .00378 | .00542 | .00106 | .00001 |
| Stddev | .00100 | .00112 | .00008 | .00073 | .00049 | .00277 | .00031 | .00005 |
| %RSD   | 145.26 | 28.037 | 1.7502 | 32.774 | 12.867 | 51.023 | 29.501 | 316.30 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00140 | -.00479 | -.00473 | -.00273 | -.00413 | .00347 | -.00128 | .00005  |
| #2 | .00002  | -.00321 | -.00484 | -.00170 | -.00344 | .00738 | -.00084 | -.00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00124 | .00119 | .00040 | .00113 | .00160 | .00587 | .00075 | .00172 |
| Stddev | .00006 | .00234 | .00007 | .00023 | .00025 | .00426 | .00000 | .01122 |
| %RSD   | 4.8303 | 196.57 | 17.311 | 19.934 | 15.900 | 72.638 | .12999 | 651.59 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00128 | .00046  | -.00035 | -.00129 | -.00178 | -.00888 | -.00075 | .00966  |
| #2 | -.00120 | -.00284 | -.00045 | -.00097 | -.00142 | -.00285 | -.00075 | -.00621 |

|        |        |          |        |        |        |        |        |        |
|--------|--------|----------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00067 | F 3.8037 | .01209 | .00124 | .00151 | .08103 | .00463 | .00064 |
| Stddev | .00029 | .0114    | .00607 | .00051 | .00004 | .03188 | .00086 | .00350 |
| %RSD   | 43.396 | .12952   | 50.188 | 40.976 | 2.3882 | 39.349 | 18.520 | 549.87 |

|    |         |        |         |         |         |        |        |         |
|----|---------|--------|---------|---------|---------|--------|--------|---------|
| #1 | -.00088 | 8.8117 | -.00780 | -.00088 | -.00148 | .10357 | .00523 | .00311  |
| #2 | -.00046 | 8.7956 | -.01638 | -.00160 | -.00153 | .05848 | .00402 | -.00184 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00366 | .00735 | .00309 | .00002 | .00314 | .0050  | .00073 |  |
| Stddev | .00386 | .00203 | .00058 | .00131 | .00062 | .0005  | .00008 |  |
| %RSD   | 105.38 | 27.567 | 18.809 | 5833.1 | 19.763 | 10.38  | 10.424 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00093 | -.00878 | -.00268 | .00095  | -.00270 | -.0053 | -.00067 |  |
| #2 | -.00639 | -.00592 | -.00350 | -.00090 | -.00358 | -.0046 | -.00078 |  |

Sample Name: AG 9PPM      Acquired: 1/4/2017 14:51:35      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4110.1  | 71771.  | 5752.9  | 143.51 | 3921.1 |
| Stddev    | 19.0    | 214.    | 19.1    | 2.04   | 8.3    |
| %RSD      | .46247  | .29775  | .33228  | 1.4244 | .21075 |
| #1        | 4096.7  | 71620.  | 5766.4  | 144.95 | 3915.2 |
| #2        | 4123.5  | 71922.  | 5739.3  | 142.06 | 3926.9 |

Sample Name: AG 10PPM      Acquired: 1/4/2017 14:55:40      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00254 | .00555 | .00350 | .00538 | .00084 | .00094 | .00082 | .00005 |
| Stddev | .00168 | .00054 | .00022 | .00082 | .00042 | .00856 | .00045 | .00001 |
| %RSD   | 66.422 | 9.6989 | 6.4077 | 15.270 | 49.685 | 914.64 | 54.336 | 15.847 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00373 | -.00593 | -.00366 | -.00480 | -.00113 | -.00699 | -.00114 | -.00006 |
| #2 | -.00134 | -.00517 | -.00335 | -.00596 | -.00054 | .00512  | -.00051 | -.00005 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00122 | .00167 | .00046 | .00105 | .00152 | .00630 | .00089 | .00181 |
| Stddev | .00000 | .01376 | .00045 | .00003 | .00051 | .00709 | .00002 | .00933 |
| %RSD   | .08927 | 824.93 | 97.321 | 2.6280 | 33.483 | 112.55 | 2.3247 | 513.99 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00122 | .00806  | -.00077 | -.00107 | -.00116 | -.01131 | -.00087 | .00478  |
| #2 | -.00122 | -.01140 | -.00014 | -.00103 | -.00188 | -.00129 | -.00090 | -.00841 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00047 | 9.7462 | .01318 | .00155 | .00155 | .09677 | .00084 | .00452 |
| Stddev | .00017 | .0147  | .01073 | .00034 | .00005 | .00483 | .00017 | .00445 |
| %RSD   | 35.418 | .15118 | 81.402 | 22.122 | 3.0962 | 4.9953 | 19.699 | 98.492 |

|    |         |        |         |         |         |        |         |         |
|----|---------|--------|---------|---------|---------|--------|---------|---------|
| #1 | -.00035 | 9.7566 | -.00559 | -.00131 | -.00151 | .10019 | -.00096 | -.00137 |
| #2 | -.00059 | 9.7358 | -.02076 | -.00179 | -.00158 | .09335 | -.00073 | -.00767 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00433 | .00542 | .00310 | .00088 | .00433 | .0043  | .00074 |  |
| Stddev | .00013 | .00170 | .00055 | .00056 | .00046 | .0003  | .00008 |  |
| %RSD   | 2.8960 | 31.349 | 17.757 | 64.002 | 10.641 | 7.691  | 10.482 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00442 | -.00422 | -.00271 | -.00128 | -.00401 | -.0045 | -.00068 |  |
| #2 | -.00424 | -.00662 | -.00348 | -.00048 | -.00466 | -.0040 | -.00079 |  |

Sample Name: AG 10PPM      Acquired: 1/4/2017 14:55:40      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4098.8  | 71221.  | 5719.4  | 141.26 | 3904.0 |
| Stddev    | 3.8     | 449.    | 8.0     | 1.15   | 2.7    |
| %RSD      | .09327  | .63101  | .13909  | .81683 | .06964 |
| #1        | 4096.1  | 70903.  | 5725.1  | 140.45 | 3905.9 |
| #2        | 4101.5  | 71539.  | 5713.8  | 142.08 | 3902.1 |

Sample Name: SE 25PPM      Acquired: 1/4/2017 14:59:46      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00109  | .00476  | .00562  | 23.866  | .00379  | .00288  | .00059  | .00004  |
| Stddev | .00171  | .00005  | .00079  | .010    | .00008  | .01881  | .00036  | .00001  |
| %RSD   | 157.35  | 1.0173  | 14.014  | .04097  | 2.1090  | 653.15  | 60.616  | 31.792  |
| #1     | -.00230 | -.00473 | -.00506 | 23.873  | -.00385 | .01618  | -.00084 | -.00003 |
| #2     | .00012  | -.00479 | -.00617 | 23.859  | -.00374 | -.01042 | -.00034 | -.00005 |
| Elem   | Cd2265  | Ca3736  | Cr2677  | Co2286  | Cu2247  | Fe2404  | Mn2576  | Mg2790  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | .00114  | .00481  | .00071  | .00131  | .00160  | .00045  | .00082  | .00718  |
| Stddev | .00000  | .00379  | .00028  | .00003  | .00050  | .00225  | .00003  | .01166  |
| %RSD   | .23812  | 78.829  | 39.454  | 2.5726  | 31.105  | 496.24  | 4.1370  | 162.38  |
| #1     | -.00114 | .00749  | -.00091 | -.00134 | -.00125 | .00114  | -.00084 | .01542  |
| #2     | -.00114 | .00213  | -.00051 | -.00129 | -.00195 | -.00204 | -.00080 | -.00106 |
| Elem   | Ni2316  | Ag3280  | Na5895  | V_2924  | Zn2138  | K_7664  | Mo2020  | B_2496  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | .00039  | .00011  | .00746  | .00129  | .00155  | .09682  | .00179  | .00684  |
| Stddev | .00006  | .00010  | .00050  | .00022  | .00012  | .01815  | .00007  | .00655  |
| %RSD   | 15.928  | 93.900  | 6.7448  | 16.946  | 7.4550  | 18.751  | 4.0521  | 95.878  |
| #1     | -.00034 | -.00004 | -.00782 | -.00144 | -.00147 | .08398  | -.00184 | -.01147 |
| #2     | -.00043 | -.00018 | -.00711 | -.00114 | -.00164 | .10966  | -.00174 | -.00220 |
| Elem   | S_1820  | Si2881  | Sn1899  | Ti3361  | Li6707  | P_1774  | Sr4077  |         |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |         |
| Avg    | .00447  | .00627  | .00285  | .00088  | .00502  | .0042   | .00071  |         |
| Stddev | .00147  | .00049  | .00055  | .00089  | .00164  | .0010   | .00001  |         |
| %RSD   | 32.895  | 7.7551  | 19.221  | 101.09  | 32.619  | 23.59   | 1.7369  |         |
| #1     | -.00551 | -.00593 | -.00246 | -.00152 | -.00386 | -.0035  | -.00070 |         |
| #2     | -.00343 | -.00661 | -.00324 | -.00025 | -.00618 | -.0049  | -.00072 |         |

Sample Name: SE 25PPM      Acquired: 1/4/2017 14:59:46      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4126.4  | 71983.  | 5753.5  | 147.80 | 4045.5 |
| Stddev    | 3.2     | 157.    | 11.8    | 2.43   | 3.8    |
| %RSD      | .07698  | .21780  | .20494  | 1.6419 | .09507 |
| #1        | 4124.1  | 72094.  | 5761.8  | 146.08 | 4048.3 |
| #2        | 4128.6  | 71872.  | 5745.1  | 149.51 | 4042.8 |

Sample Name: SE 45PPM      Acquired: 1/4/2017 15:03:51      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00316 | .00434 | .00493 | F 15.254 | .00337 | .00192 | .00072 | .00001 |
| Stddev | .00111 | .00014 | .00080 | .128     | .00054 | .00279 | .00014 | .00001 |
| %RSD   | 35.027 | 3.3083 | 16.206 | .28321   | 15.872 | 144.97 | 18.895 | 87.726 |

|    |         |         |         |        |         |         |         |        |
|----|---------|---------|---------|--------|---------|---------|---------|--------|
| #1 | -.00394 | -.00424 | -.00549 | 45.163 | -.00299 | .00005  | -.00063 | .00001 |
| #2 | -.00238 | -.00445 | -.00436 | 45.344 | -.00375 | -.00389 | -.00082 | .00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00119 | .01159 | .00009 | .00141 | .00121 | .00218 | .00072 | .01340 |
| Stddev | .00005 | .00981 | .00030 | .00023 | .00071 | .00264 | .00002 | .02459 |
| %RSD   | 4.0426 | 84.685 | 335.72 | 16.367 | 58.577 | 120.97 | 3.3857 | 183.51 |

|    |         |        |         |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|---------|
| #1 | -.00123 | .00465 | -.00030 | -.00125 | -.00171 | -.00405 | -.00071 | -.03078 |
| #2 | -.00116 | .01852 | .00012  | -.00158 | -.00071 | -.00032 | -.00074 | .00399  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00044 | .00030 | .01451 | .00110 | .00176 | .07002 | .00230 | .00585 |
| Stddev | .00046 | .00018 | .00103 | .00018 | .00005 | .02369 | .00019 | .00343 |
| %RSD   | 104.19 | 60.209 | 7.1085 | 16.331 | 2.6322 | 33.832 | 8.2091 | 58.639 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00077 | -.00043 | -.01524 | -.00098 | -.00173 | .08677 | -.00217 | -.00342 |
| #2 | -.00012 | -.00017 | -.01378 | -.00123 | -.00180 | .05327 | -.00244 | -.00827 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00447 | .00609 | .00317 | .00036 | .00435 | .0037  | .00068 |  |
| Stddev | .00169 | .00064 | .00002 | .00045 | .00096 | .0004  | .00004 |  |
| %RSD   | 37.935 | 10.442 | .70595 | 123.60 | 21.983 | 11.08  | 5.2535 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00566 | -.00654 | -.00319 | -.00005 | -.00368 | -.0034 | -.00071 |  |
| #2 | -.00327 | -.00564 | -.00316 | -.00068 | -.00503 | -.0040 | -.00066 |  |

Sample Name: SE 45PPM      Acquired: 1/4/2017 15:03:51      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4132.6  | 71579.  | 5753.5  | 148.70 | 4059.5 |
| Stddev    | 13.4    | 177.    | 15.3    | 2.60   | 6.8    |
| %RSD      | .32356  | .24764  | .26608  | 1.7509 | .16744 |
| #1        | 4123.2  | 71705.  | 5764.3  | 150.54 | 4054.7 |
| #2        | 4142.1  | 71454.  | 5742.6  | 146.85 | 4064.3 |

Sample Name: SE 65PPM      Acquired: 1/4/2017 15:07:57      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00211 | .00413 | .00484 | F 37.363 | .00386 | .00425 | .00127 | .00002 |
| Stddev | .00056 | .00027 | .00005 | .041     | .00121 | .01992 | .00026 | .00003 |
| %RSD   | 26.591 | 6.5034 | .97181 | .06050   | 31.450 | 468.70 | 20.107 | 125.91 |

|    |         |         |         |        |         |         |         |         |
|----|---------|---------|---------|--------|---------|---------|---------|---------|
| #1 | -.00251 | -.00394 | -.00487 | 67.392 | -.00300 | -.00983 | -.00145 | -.00005 |
| #2 | -.00171 | -.00432 | -.00480 | 67.335 | -.00471 | .01833  | -.00109 | .00000  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00112 | .00111 | .00086 | .00137 | .00172 | .00286 | .00077 | .01122 |
| Stddev | .00001 | .00103 | .00018 | .00013 | .00043 | .00151 | .00003 | .01459 |
| %RSD   | .92305 | 92.517 | 20.439 | 9.4050 | 25.192 | 52.834 | 3.8975 | 130.04 |

|    |         |        |        |         |         |        |         |        |
|----|---------|--------|--------|---------|---------|--------|---------|--------|
| #1 | -.00113 | .00183 | .00074 | -.00146 | -.00202 | .00393 | -.00075 | .02154 |
| #2 | -.00111 | .00038 | .00099 | -.00128 | -.00141 | .00179 | -.00079 | .00090 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00018 | .00001 | .01476 | .00158 | .00174 | .09807 | .00214 | .00255 |
| Stddev | .00026 | .00004 | .00108 | .00015 | .00008 | .04314 | .00000 | .00115 |
| %RSD   | 150.46 | 355.00 | 7.2993 | 9.7912 | 4.6407 | 43.990 | .17662 | 45.154 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00001 | .00002  | -.01552 | -.00147 | -.00168 | .12858 | -.00214 | -.00336 |
| #2 | .00036  | -.00004 | -.01399 | -.00169 | -.00180 | .06757 | -.00215 | -.00174 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00365 | .01048 | .00363 | .00001 | .00427 | .0042  | .00061 |  |
| Stddev | .00085 | .00027 | .00023 | .00192 | .00078 | .0005  | .00001 |  |
| %RSD   | 23.166 | 2.6095 | 6.3293 | 26463. | 18.392 | 11.63  | 1.3724 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00425 | -.01067 | -.00379 | -.00137 | -.00371 | -.0046 | -.00062 |  |
| #2 | -.00305 | -.01029 | -.00347 | .00135  | -.00482 | -.0039 | -.00061 |  |

Sample Name: SE 65PPM      Acquired: 1/4/2017 15:07:57      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 1143.1  | 72198.  | 5805.3  | 149.68 | 4070.7 |
| Stddev    | 7.2     | 183.    | 3.5     | 1.86   | 1.4    |
| %RSD      | .17351  | .25347  | .05979  | 1.2433 | .03332 |
| #1        | 4138.0  | 72069.  | 5802.8  | 148.37 | 4069.8 |
| #2        | 4148.2  | 72327.  | 5807.7  | 151.00 | 4071.7 |

Sample Name: CD 8PPM      Acquired: 1/4/2017 15:12:02      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00260 | .00490 | .00423 | .01784 | .00237 | .00920 | .00120 | .00012 |
| Stddev | .00055 | .00049 | .00060 | .00036 | .00038 | .00929 | .00053 | .00002 |
| %RSD   | 21.228 | 10.102 | 14.207 | 2.0042 | 16.206 | 100.96 | 44.439 | 14.090 |

|    |         |         |         |        |         |         |         |        |
|----|---------|---------|---------|--------|---------|---------|---------|--------|
| #1 | -.00299 | -.00455 | -.00380 | .01809 | -.00264 | -.01577 | -.00157 | .00014 |
| #2 | -.00221 | -.00525 | -.00465 | .01758 | -.00209 | -.00263 | -.00082 | .00011 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.5010 | .00956 | .00023 | .00274 | .00137 | .00021 | .00087 | .00565 |
| Stddev | .0046  | .01264 | .00021 | .00002 | .00048 | .00564 | .00007 | .01916 |
| %RSD   | .06164 | 132.26 | 89.542 | .71187 | 35.187 | 2674.9 | 7.8384 | 339.28 |

|    |        |        |        |         |         |         |         |         |
|----|--------|--------|--------|---------|---------|---------|---------|---------|
| #1 | 7.5043 | .01850 | .00009 | -.00275 | -.00171 | .00420  | -.00082 | .00790  |
| #2 | 7.4978 | .00062 | .00038 | -.00273 | -.00103 | -.00378 | -.00092 | -.01920 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00012 | .00038 | .02053 | .00156 | .00203 | .07463 | .00239 | .01063 |
| Stddev | .00029 | .00012 | .00564 | .00010 | .00007 | .01819 | .00003 | .00527 |
| %RSD   | 235.19 | 30.716 | 27.455 | 6.5155 | 3.2638 | 24.371 | 1.2495 | 49.556 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | .00032  | -.00030 | -.02452 | -.00149 | -.00208 | .08749 | -.00241 | -.00691 |
| #2 | -.00008 | -.00046 | -.01655 | -.00163 | -.00198 | .06177 | -.00237 | -.01436 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00501 | .01727 | .00393 | .00139 | .00398 | .0037  | .00069 |  |
| Stddev | .00140 | .00002 | .00031 | .00074 | .00175 | .0016  | .00001 |  |
| %RSD   | 27.985 | .11104 | 7.8939 | 53.139 | 43.955 | 43.22  | 1.1870 |  |

|    |         |         |         |        |         |        |         |  |
|----|---------|---------|---------|--------|---------|--------|---------|--|
| #1 | -.00402 | -.01728 | -.00415 | .00192 | -.00522 | -.0048 | -.00069 |  |
| #2 | -.00600 | -.01725 | -.00371 | .00087 | -.00274 | -.0026 | -.00068 |  |

Sample Name: CD 8PPM      Acquired: 1/4/2017 15:12:02      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4147.5  | 71814.  | 5755.4  | 145.46 | 3976.4 |
| Stddev    | 8.1     | 52.     | 15.9    | 1.97   | 4.1    |
| %RSD      | .19625  | .07284  | .27613  | 1.3523 | .10431 |
| #1        | 4141.7  | 71777.  | 5744.2  | 144.07 | 3973.5 |
| #2        | 4153.2  | 71851.  | 5766.7  | 146.85 | 3979.4 |

Sample Name: CCV05      Acquired: 1/4/2017 15:24:11      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV05      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    | 4.7931 | 5.0279 | 4.9300 | 4.9308 | 4.8848 | 9.9128 | 9.9729 | .25924 | 2.4640 |
| Stddev | .0078  | .0070  | .0075  | .0088  | .0202  | .0231  | .0635  | .00064 | .0023  |
| %RSD   | .16301 | .13860 | .15107 | .17903 | .41389 | .23280 | .63635 | .24693 | .09293 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.7986 | 5.0230 | 4.9352 | 4.9371 | 4.8991 | 9.9291 | 9.9280 | .25969 | 2.4623 |
| #2 | 4.7876 | 5.0328 | 4.9247 | 4.9246 | 4.8705 | 9.8965 | 10.018 | .25878 | 2.4656 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.494 | 1.0418 | 2.4586 | 1.2391 | 4.7024 | 2.5578 | 24.846 | 2.4822 | 1.2373 |
| Stddev | .056   | .0067  | .0022  | .0008  | .0374  | .0070  | .186   | .0036  | .0027  |
| %RSD   | .21808 | .64053 | .09133 | .06395 | .79496 | .27530 | .75027 | .14676 | .21500 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.454 | 1.0465 | 2.4570 | 1.2397 | 4.7288 | 2.5628 | 24.714 | 2.4796 | 1.2392 |
| #2 | 25.533 | 1.0371 | 2.4602 | 1.2386 | 4.6759 | 2.5528 | 24.977 | 2.4847 | 1.2354 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 24.560 | 2.5732 | 2.3556 | 23.457 | 4.9069 | 4.8752 | 4.8412 | 4.8802 | 4.8946 |
| Stddev | .064   | .0078  | .0219  | .190   | .0091  | .0401  | .0091  | .0483  | .0001  |
| %RSD   | .26125 | .30347 | .93087 | .81042 | .18516 | .82150 | .18695 | .99062 | .00179 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.515 | 2.5787 | 2.3712 | 23.323 | 4.9134 | 4.8469 | 4.8348 | 4.8460 | 4.8947 |
| #2 | 24.606 | 2.5677 | 2.3401 | 23.592 | 4.9005 | 4.9035 | 4.8476 | 4.9144 | 4.8945 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9375 | 4.9865 | 5.028  | 4.9110 |
| Stddev | .0228  | .0042  | .002   | .0293  |
| %RSD   | .46143 | .08398 | .0456  | .59637 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.9214 | 4.9835 | 5.029 | 4.9317 |
| #2 | 4.9536 | 4.9895 | 5.026 | 4.8903 |

Sample Name: CCV05      Acquired: 1/4/2017 15:24:11      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV05      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       | 4037.4  | 70614.  | 5749.4  | 141.41 | 3747.1 |
| Stddev    | 10.9    | 557.    | 15.0    | 1.34   | 2.9    |
| %RSD      | .27088  | .78830  | .26113  | .94841 | .07744 |
| #1        | 4029.7  | 70220.  | 5760.0  | 140.46 | 3745.1 |
| #2        | 4045.1  | 71007.  | 5738.7  | 142.36 | 3749.2 |

Sample Name: CCB05      Acquired: 1/4/2017 15:28:11      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00079 | .00461 | .00468 | .00105 | .00120 | .00584 | .00086 | .00005 |
| Stddev | .00045 | .00003 | .00064 | .00089 | .00260 | .00203 | .00018 | .00001 |
| %RSD   | 57.327 | .62077 | 13.754 | 85.270 | 216.59 | 34.770 | 21.290 | 15.379 |

|    |         |         |         |        |         |        |         |         |
|----|---------|---------|---------|--------|---------|--------|---------|---------|
| #1 | -.00111 | -.00463 | -.00423 | .00168 | -.00303 | .00440 | -.00099 | -.00005 |
| #2 | -.00047 | -.00459 | -.00514 | .00042 | .00064  | .00727 | -.00073 | -.00006 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00111 | .00306 | .00057 | .00115 | .00184 | .00437 | .00095 | .00613 |
| Stddev | .00011 | .00045 | .00016 | .00033 | .00020 | .00659 | .00003 | .02576 |
| %RSD   | 10.231 | 14.578 | 28.179 | 28.741 | 10.921 | 150.63 | 3.0758 | 420.08 |

|    |         |        |         |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|---------|
| #1 | -.00103 | .00338 | -.00068 | -.00138 | -.00198 | -.00903 | -.00093 | .02435  |
| #2 | -.00119 | .00275 | -.00045 | -.00091 | -.00170 | .00028  | -.00097 | -.01208 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00028 | .00009 | .01590 | .00089 | .00187 | .05783 | .00235 | .00173 |
| Stddev | .00000 | .00020 | .00316 | .00041 | .00002 | .00254 | .00023 | .00152 |
| %RSD   | 1.5763 | 220.77 | 19.890 | 46.114 | .97383 | 4.3915 | 9.8179 | 88.195 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00027 | .00005  | -.01814 | -.00060 | -.00185 | .05603 | -.00219 | .00065 |
| #2 | -.00028 | -.00024 | -.01367 | -.00119 | -.00188 | .05962 | -.00252 | .00280 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00514 | .00630 | .00067 | .00101 | .00302 | .0031  | .00067 |  |
| Stddev | .00267 | .00144 | .00049 | .00045 | .00065 | .0004  | .00002 |  |
| %RSD   | 52.020 | 22.935 | 73.173 | 44.443 | 21.372 | 13.59  | 2.2774 |  |

|    |         |         |         |        |         |        |         |  |
|----|---------|---------|---------|--------|---------|--------|---------|--|
| #1 | -.00703 | -.00732 | -.00102 | .00069 | -.00256 | -.0034 | -.00068 |  |
| #2 | -.00325 | -.00528 | -.00032 | .00132 | -.00348 | -.0028 | -.00065 |  |

Sample Name: CCB05      Acquired: 1/4/2017 15:28:11      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB05      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       | 4170.9  | 72662.  | 5801.5  | 144.05 | 4000.3 |
| Stddev    | .5      | 218.    | 16.2    | 2.00   | 2.6    |
| %RSD      | .01125  | .29944  | .27932  | 1.3878 | .06438 |
| #1        | 4171.2  | 72509.  | 5790.1  | 142.64 | 4002.2 |
| #2        | 4170.5  | 72816.  | 5813.0  | 145.47 | 3998.5 |

Sample Name: CD 9PPM      Acquired: 1/4/2017 15:32:19      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00206 | .00399 | .00347 | .00043 | .00205 | .00629 | .00098 | .00005 |
| Stddev | .00001 | .00016 | .00024 | .00043 | .00162 | .00598 | .00014 | .00000 |
| %RSD   | .30260 | 3.9357 | 6.8214 | 99.554 | 79.224 | 95.027 | 13.988 | .15522 |

|    |         |         |         |        |         |         |         |        |
|----|---------|---------|---------|--------|---------|---------|---------|--------|
| #1 | -.00207 | -.00388 | -.00330 | .00073 | -.00320 | -.01052 | -.00088 | .00005 |
| #2 | -.00206 | -.00410 | -.00364 | .00013 | -.00090 | -.00206 | -.00108 | .00005 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.3537 | .01595 | .01599 | .00260 | .00123 | .05869 | .00295 | .02715 |
| Stddev | .0055  | .00124 | .00058 | .00011 | .00040 | .00528 | .00009 | .03015 |
| %RSD   | .06637 | 7.7939 | 3.6152 | 4.1464 | 32.519 | 9.0047 | 3.0136 | 111.07 |

|    |        |        |        |         |         |        |        |        |
|----|--------|--------|--------|---------|---------|--------|--------|--------|
| #1 | 8.3576 | .01507 | .01640 | -.00252 | -.00151 | .06243 | .00301 | .04847 |
| #2 | 8.3498 | .01683 | .01558 | -.00267 | -.00094 | .05495 | .00288 | .00583 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00930 | .00019 | .01551 | .00112 | .00154 | .10567 | .00030 | .00403 |
| Stddev | .00001 | .00050 | .00838 | .00029 | .00009 | .04238 | .00008 | .00339 |
| %RSD   | .09740 | 268.50 | 54.020 | 26.016 | 5.8732 | 40.108 | 27.168 | 84.066 |

|    |        |         |         |         |         |        |         |         |
|----|--------|---------|---------|---------|---------|--------|---------|---------|
| #1 | .00931 | .00054  | -.00958 | -.00132 | -.00161 | .07570 | -.00036 | -.00643 |
| #2 | .00929 | -.00017 | -.02143 | -.00091 | -.00148 | .13563 | -.00024 | -.00163 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00364 | .01631 | .00293 | .00014 | .00383 | .0052  | .00064 |  |
| Stddev | .00095 | .00086 | .00041 | .00052 | .00147 | .0005  | .00009 |  |
| %RSD   | 26.263 | 5.2542 | 14.108 | 384.21 | 38.320 | 8.994  | 14.835 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00296 | -.01570 | -.00323 | .00051  | -.00486 | -.0055 | -.00070 |  |
| #2 | -.00431 | -.01692 | -.00264 | -.00023 | -.00279 | -.0048 | -.00057 |  |

Sample Name: CD 9PPM      Acquired: 1/4/2017 15:32:19      Type: Unk  
 Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      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       | 4167.5  | 72462.  | 5790.5  | 146.08 | 4012.3 |
| Stddev    | .4      | 43.     | 11.4    | 2.01   | 2.3    |
| %RSD      | .01015  | .05984  | .19630  | 1.3752 | .05784 |
| #1        | 4167.2  | 72431.  | 5798.6  | 147.50 | 4010.7 |
| #2        | 4167.8  | 72492.  | 5782.5  | 144.66 | 4014.0 |

Sample Name: CD 10PPM      Acquired: 1/4/2017 15:36:27      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00066 | .00391 | .00320 | .00400 | .00374 | .00118 | .00056 | .00008 |
| Stddev | .00182 | .00083 | .00002 | .00323 | .00025 | .00593 | .00019 | .00007 |
| %RSD   | 275.99 | 21.159 | .48502 | 80.699 | 6.6736 | 504.27 | 34.668 | 81.683 |

|    |         |         |         |         |         |         |         |        |
|----|---------|---------|---------|---------|---------|---------|---------|--------|
| #1 | -.00194 | -.00450 | -.00319 | -.00172 | -.00392 | -.00302 | -.00042 | .00013 |
| #2 | .00063  | -.00333 | -.00322 | -.00629 | -.00357 | .00537  | -.00069 | .00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.2499 | .01691 | .02093 | .00280 | .00093 | .07235 | .00351 | .00830 |
| Stddev | .0049  | .00574 | .00018 | .00021 | .00019 | .00290 | .00003 | .00104 |
| %RSD   | .05254 | 33.934 | .84955 | 7.5431 | 20.003 | 4.0135 | .88077 | 12.469 |

|    |        |        |        |         |         |        |        |         |
|----|--------|--------|--------|---------|---------|--------|--------|---------|
| #1 | 9.2465 | .01286 | .02080 | -.00265 | -.00080 | .07440 | .00349 | -.00757 |
| #2 | 9.2534 | .02097 | .02106 | -.00295 | -.00106 | .07029 | .00353 | -.00903 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01175 | .00025 | .00552 | .00114 | .00155 | .10941 | .00036 | .00335 |
| Stddev | .00008 | .00004 | .00295 | .00014 | .00000 | .00649 | .00001 | .00101 |
| %RSD   | .67381 | 17.199 | 53.387 | 12.605 | .16409 | 5.9290 | 1.9573 | 29.993 |

|    |        |         |         |         |         |        |        |         |
|----|--------|---------|---------|---------|---------|--------|--------|---------|
| #1 | .01181 | -.00028 | -.00344 | -.00104 | -.00155 | .11399 | .00036 | -.00264 |
| #2 | .01169 | -.00022 | -.00761 | -.00124 | -.00156 | .10482 | .00035 | -.00406 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00409 | .01950 | .00322 | .00046 | .00447 | .0050  | .00063 |
| Stddev | .00087 | .00118 | .00081 | .00031 | .00086 | .0006  | .00003 |
| %RSD   | 21.208 | 6.0477 | 25.248 | 67.026 | 19.319 | 11.80  | 4.1402 |

|    |         |         |         |        |         |        |         |
|----|---------|---------|---------|--------|---------|--------|---------|
| #1 | -.00348 | -.01866 | -.00379 | .00024 | -.00509 | -.0046 | -.00061 |
| #2 | -.00470 | -.02033 | -.00264 | .00067 | -.00386 | -.0054 | -.00065 |

Sample Name: CD 10PPM      Acquired: 1/4/2017 15:36:27      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4175.5  | 72734.  | 5838.6  | 149.55 | 4030.3 |
| Stddev    | 7.4     | 42.     | 25.1    | .46    | 2.3    |
| %RSD      | .17607  | .05730  | .43074  | .30518 | .05709 |
| #1        | 4170.3  | 72705.  | 5820.9  | 149.23 | 4028.7 |
| #2        | 4180.7  | 72764.  | 5856.4  | 149.88 | 4032.0 |

Sample Name: SN 45PPM      Acquired: 1/4/2017 15:40:35      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00288 | .00457 | .00427 | .00169 | .03149 | .00809 | .00089 | .00008 |
| Stddev | .00116 | .00091 | .00028 | .00137 | .00233 | .00939 | .00063 | .00004 |
| %RSD   | 40.217 | 19.981 | 6.5916 | 80.980 | 7.4036 | 116.05 | 70.429 | 43.537 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00370 | -.00522 | -.00447 | -.00072 | -.03314 | .00145 | -.00133 | .00006 |
| #2 | -.00206 | -.00393 | -.00407 | -.00266 | -.02984 | .01472 | -.00045 | .00011 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00066 | .00798 | .02552 | .00117 | .00021 | .09276 | .00315 | .00698 |
| Stddev | .00024 | .01076 | .00006 | .00001 | .00020 | .00365 | .00002 | .01546 |
| %RSD   | 36.128 | 134.74 | .22897 | .46009 | 92.668 | 3.9307 | .63124 | 221.39 |

|    |         |        |        |         |         |        |        |         |
|----|---------|--------|--------|---------|---------|--------|--------|---------|
| #1 | -.00049 | .00038 | .02556 | -.00117 | -.00035 | .09018 | .00314 | .01791  |
| #2 | -.00083 | .01559 | .02548 | -.00116 | -.00007 | .09533 | .00317 | -.00395 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01441 | .00042 | .00851 | .00158 | .00139 | .11633 | .00122 | .00034 |
| Stddev | .00009 | .00014 | .00168 | .00052 | .00000 | .00214 | .00006 | .00127 |
| %RSD   | .63006 | 33.851 | 19.739 | 32.763 | .22667 | 1.8408 | 4.8068 | 376.65 |

|    |        |         |         |         |         |        |        |         |
|----|--------|---------|---------|---------|---------|--------|--------|---------|
| #1 | .01435 | -.00052 | -.00970 | -.00121 | -.00139 | .11785 | .00118 | .00124  |
| #2 | .01447 | -.00032 | -.00732 | -.00195 | -.00139 | .11482 | .00126 | -.00056 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00048 | .00539 | 43.849 | .00127 | .00476 | .0035  | .00066 |  |
| Stddev | .00150 | .00113 | .043   | .00049 | .00031 | .0012  | .00009 |  |
| %RSD   | 309.68 | 20.926 | .09732 | 38.569 | 6.4751 | 33.44  | 13.980 |  |

|    |         |         |        |        |         |        |         |  |
|----|---------|---------|--------|--------|---------|--------|---------|--|
| #1 | -.00057 | -.00619 | 43.879 | .00092 | -.00498 | -.0027 | -.00059 |  |
| #2 | .00154  | -.00459 | 43.819 | .00162 | -.00454 | -.0044 | -.00072 |  |

Sample Name: SN 45PPM      Acquired: 1/4/2017 15:40:35      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4134.8  | 72427.  | 5989.5  | 148.59 | 3976.1 |
| Stddev    | 6.8     | 27.     | 25.8    | 4.01   | 1.4    |
| %RSD      | .16447  | .03754  | .43101  | 2.6974 | .03616 |
| #1        | 4130.0  | 72408.  | 6007.8  | 151.42 | 3975.1 |
| #2        | 4139.7  | 72447.  | 5971.3  | 145.75 | 3977.1 |

Sample Name: SN 65PPM      Acquired: 1/4/2017 15:44:41      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00217 | .00589 | .00291 | .00110 | .05776 | .01228 | .00145 | .00004 |
| Stddev | .00224 | .00082 | .00130 | .00080 | .00392 | .01716 | .00047 | .00004 |
| %RSD   | 103.32 | 13.947 | 44.478 | 73.065 | 6.7847 | 139.71 | 32.442 | 91.305 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00058 | -.00531 | -.00383 | -.00053 | -.06053 | .02441 | -.00111 | -.00001 |
| #2 | -.00375 | -.00648 | -.00200 | -.00166 | -.05499 | .00015 | -.00178 | -.00007 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00118 | .00294 | .00808 | .00160 | .00066 | .02487 | .00038 | .00089 |
| Stddev | .00005 | .00496 | .00009 | .00002 | .00066 | .00240 | .00001 | .01445 |
| %RSD   | 4.6430 | 168.68 | 1.0676 | .97234 | 101.15 | 9.6514 | 3.3201 | 1616.8 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00114 | .00645  | .00814 | -.00159 | -.00112 | .02317 | .00039 | -.00932 |
| #2 | -.00121 | -.00057 | .00802 | -.00161 | -.00019 | .02656 | .00037 | .01111  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00407 | .00005 | .01679 | .00123 | .00195 | .11989 | .00177 | .00793 |
| Stddev | .00023 | .00015 | .00191 | .00031 | .00001 | .00465 | .00004 | .00239 |
| %RSD   | 5.7421 | 278.77 | 11.347 | 24.813 | .26674 | 3.8763 | 2.5000 | 30.154 |

|    |        |         |         |         |         |        |         |         |
|----|--------|---------|---------|---------|---------|--------|---------|---------|
| #1 | .00390 | -.00016 | -.01545 | -.00144 | -.00196 | .11660 | -.00174 | -.00624 |
| #2 | .00424 | .00005  | -.01814 | -.00101 | -.00195 | .12317 | -.00180 | -.00962 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00257 | .00046 | 34.146 | .00060 | .00632 | .0041  | .00069 |  |
| Stddev | .00286 | .00049 | .204   | .00135 | .00098 | .0012  | .00000 |  |
| %RSD   | 111.32 | 105.40 | .31800 | 224.76 | 15.442 | 29.38  | .18472 |  |

|    |        |         |        |         |         |        |         |  |
|----|--------|---------|--------|---------|---------|--------|---------|--|
| #1 | .00055 | -.00012 | 64.001 | .00156  | -.00563 | -.0049 | -.00069 |  |
| #2 | .00459 | -.00081 | 64.290 | -.00035 | -.00701 | -.0032 | -.00069 |  |

Sample Name: SN 65PPM      Acquired: 1/4/2017 15:44:41      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4113.7  | 72085.  | 5938.3  | 148.55 | 3949.6 |
| Stddev    | .7      | 276.    | 26.4    | .33    | 12.5   |
| %RSD      | .01741  | .38340  | .44445  | .22503 | .31732 |
| #1        | 4113.2  | 71889.  | 5956.9  | 148.78 | 3958.5 |
| #2        | 4114.2  | 72280.  | 5919.6  | 148.31 | 3940.8 |

Sample Name: SN 85PPM      Acquired: 1/4/2017 15:48:48      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00208 | .00565 | .00346 | .00111 | .09670 | .00718 | .00095 | .00001 |
| Stddev | .00020 | .00138 | .00082 | .00012 | .00098 | .00886 | .00038 | .00003 |
| %RSD   | 9.5384 | 24.366 | 23.770 | 11.179 | 1.0180 | 123.47 | 40.334 | 219.31 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00194 | -.00663 | -.00288 | -.00120 | -.09739 | .00091 | -.00122 | -.00003 |
| #2 | -.00221 | -.00468 | -.00405 | -.00102 | -.09600 | .01344 | -.00068 | .00001  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00114 | .01087 | .00247 | .00182 | .00044 | .00020 | .00041 | .02469 |
| Stddev | .00005 | .00227 | .00011 | .00005 | .00007 | .00174 | .00000 | .02024 |
| %RSD   | 3.9410 | 20.920 | 4.6218 | 2.6196 | 16.608 | 881.46 | .13828 | 82.006 |

|    |         |        |        |         |         |         |         |         |
|----|---------|--------|--------|---------|---------|---------|---------|---------|
| #1 | -.00111 | .01248 | .00239 | -.00185 | -.00039 | .00103  | -.00041 | -.03900 |
| #2 | -.00118 | .00926 | .00255 | -.00179 | -.00049 | -.00142 | -.00041 | -.01037 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00043 | .00009 | .01333 | .00145 | .00205 | .08208 | .00222 | .00462 |
| Stddev | .00009 | .00017 | .00883 | .00018 | .00011 | .02496 | .00012 | .00691 |
| %RSD   | 20.918 | 193.02 | 66.245 | 12.146 | 5.4095 | 30.412 | 5.2140 | 149.58 |

|    |        |         |         |         |         |        |         |         |
|----|--------|---------|---------|---------|---------|--------|---------|---------|
| #1 | .00037 | .00003  | -.00709 | -.00157 | -.00212 | .06443 | -.00231 | .00027  |
| #2 | .00050 | -.00021 | -.01958 | -.00132 | -.00197 | .09974 | -.00214 | -.00950 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00582 | .00243 | 34.242 | .00103 | .00584 | .0035  | .00069 |  |
| Stddev | .00223 | .00114 | .077   | .00056 | .00113 | .0006  | .00009 |  |
| %RSD   | 38.381 | 47.018 | .09109 | 54.132 | 19.416 | 16.35  | 12.393 |  |

|    |        |        |        |         |         |        |         |  |
|----|--------|--------|--------|---------|---------|--------|---------|--|
| #1 | .00740 | .00162 | 84.187 | -.00063 | -.00664 | -.0031 | -.00063 |  |
| #2 | .00424 | .00324 | 84.296 | -.00142 | -.00504 | -.0039 | -.00075 |  |

Sample Name: SN 85PPM      Acquired: 1/4/2017 15:48:48      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4103.4  | 71787.  | 5886.9  | 146.68 | 3933.7 |
| Stddev    | 7.6     | 114.    | 6.9     | 4.18   | 2.1    |
| %RSD      | .18610  | .15906  | .11711  | 2.8530 | .05420 |
| #1        | 4098.0  | 71868.  | 5882.0  | 143.72 | 3932.2 |
| #2        | 4108.8  | 71707.  | 5891.8  | 149.64 | 3935.2 |

Sample Name: SB 45PPM      Acquired: 1/4/2017 15:52:54      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00251 | .00578 | .00378 | .00401 | 45.174 | .00694 | .00098 | .00008 |
| Stddev | .00028 | .00145 | .00054 | .00006 | .071   | .01449 | .00020 | .00002 |
| %RSD   | 11.132 | 25.085 | 14.279 | 1.4267 | .15622 | 208.79 | 20.263 | 28.478 |

|    |         |         |         |         |        |         |         |         |
|----|---------|---------|---------|---------|--------|---------|---------|---------|
| #1 | -.00231 | -.00475 | -.00416 | -.00397 | 45.223 | .01719  | -.00112 | -.00010 |
| #2 | -.00271 | -.00681 | -.00340 | -.00406 | 45.124 | -.00331 | -.00084 | -.00007 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00118 | .01679 | .00159 | .00131 | .00180 | .00096 | .00052 | .00458 |
| Stddev | .00005 | .00336 | .00016 | .00028 | .00027 | .00080 | .00005 | .00670 |
| %RSD   | 4.1169 | 19.986 | 10.183 | 21.298 | 15.181 | 83.067 | 10.350 | 146.22 |

|    |         |        |        |         |         |         |         |         |
|----|---------|--------|--------|---------|---------|---------|---------|---------|
| #1 | -.00122 | .01442 | .00148 | -.00112 | -.00199 | -.00040 | -.00048 | .00932  |
| #2 | -.00115 | .01917 | .00171 | -.00151 | -.00160 | -.00152 | -.00056 | -.00016 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00364 | .00002 | .01457 | .00177 | .00129 | .06282 | .00274 | .00473 |
| Stddev | .00013 | .00048 | .00440 | .00022 | .00014 | .00987 | .00018 | .00147 |
| %RSD   | 3.5294 | 2445.1 | 30.163 | 12.145 | 11.217 | 15.717 | 6.6219 | 31.095 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00355 | -.00036 | -.01768 | -.00162 | -.00139 | .06980 | -.00262 | -.00577 |
| #2 | -.00374 | .00032  | -.01146 | -.00193 | -.00119 | .05584 | -.00287 | -.00369 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00457 | .00486 | .02762 | .00097 | .00424 | .0077  | .00069 |  |
| Stddev | .00142 | .00054 | .00450 | .00011 | .00036 | .0002  | .00010 |  |
| %RSD   | 31.120 | 11.166 | 16.297 | 11.840 | 8.4184 | 2.367  | 14.416 |  |

|    |         |        |        |         |         |        |         |  |
|----|---------|--------|--------|---------|---------|--------|---------|--|
| #1 | -.00357 | .00524 | .03081 | -.00105 | -.00449 | -.0079 | -.00062 |  |
| #2 | -.00558 | .00447 | .02444 | -.00089 | -.00399 | -.0076 | -.00076 |  |

Sample Name: SB 45PPM      Acquired: 1/4/2017 15:52:54      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4102.7  | 72157.  | 5868.5  | 149.78 | 3922.5 |
| Stddev    | 13.7    | 454.    | 36.2    | 1.48   | 7.0    |
| %RSD      | .33384  | .62929  | .61612  | .99142 | .17968 |
| #1        | 4093.0  | 71836.  | 5842.9  | 150.83 | 3917.6 |
| #2        | 4112.4  | 72478.  | 5894.0  | 148.73 | 3927.5 |

Sample Name: SB 65PPM      Acquired: 1/4/2017 15:57:01      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00139 | .00404 | .00499 | .00175 | 36.628 | .00019 | .00124 | .00004 |
| Stddev | .00184 | .00014 | .00123 | .00134 | .223   | .00350 | .00046 | .00005 |
| %RSD   | 132.51 | 3.3825 | 24.592 | 76.573 | .33446 | 1871.7 | 37.185 | 142.64 |

|    |         |         |         |         |        |         |         |         |
|----|---------|---------|---------|---------|--------|---------|---------|---------|
| #1 | -.00269 | -.00414 | -.00413 | -.00270 | 66.786 | .00266  | -.00092 | -.00007 |
| #2 | -.00009 | -.00395 | -.00586 | -.00080 | 66.471 | -.00229 | -.00157 | .00000  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00117 | .00607 | .00062 | .00123 | .00128 | .00138 | .00011 | .02655 |
| Stddev | .00006 | .00260 | .00010 | .00001 | .00024 | .00238 | .00001 | .01018 |
| %RSD   | 4.9135 | 42.877 | 16.358 | .62423 | 19.022 | 172.07 | 13.864 | 38.334 |

|    |         |        |        |         |         |         |         |         |
|----|---------|--------|--------|---------|---------|---------|---------|---------|
| #1 | -.00113 | .00791 | .00055 | -.00123 | -.00145 | .00030  | -.00010 | -.03374 |
| #2 | -.00121 | .00423 | .00069 | -.00122 | -.00110 | -.00307 | -.00012 | -.01935 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00614 | .00026 | .01832 | .00164 | .00146 | .06963 | .00255 | .00372 |
| Stddev | .00005 | .00015 | .00598 | .00042 | .00001 | .04055 | .00003 | .00290 |
| %RSD   | .82640 | 56.853 | 32.649 | 25.626 | .68165 | 58.233 | 1.1667 | 77.961 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00617 | -.00036 | -.01409 | -.00194 | -.00147 | .09830 | -.00257 | -.00577 |
| #2 | -.00610 | -.00015 | -.02255 | -.00134 | -.00146 | .04096 | -.00253 | -.00167 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00477 | .01254 | .00936 | .00126 | .00349 | .0098  | .00070 |  |
| Stddev | .00085 | .00069 | .00108 | .00094 | .00225 | .0005  | .00007 |  |
| %RSD   | 17.766 | 5.5220 | 11.584 | 74.970 | 64.389 | 5.213  | 9.2706 |  |

|    |         |        |        |        |         |        |         |  |
|----|---------|--------|--------|--------|---------|--------|---------|--|
| #1 | -.00537 | .01205 | .01013 | .00059 | -.00507 | -.0094 | -.00066 |  |
| #2 | -.00417 | .01303 | .00860 | .00192 | -.00190 | -.0101 | -.00075 |  |

Sample Name: SB 65PPM      Acquired: 1/4/2017 15:57:01      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4132.4  | 72460.  | 5897.1  | 150.81 | 3889.2 |
| Stddev    | 15.4    | 245.    | .8      | 4.18   | 11.0   |
| %RSD      | .37170  | .33770  | .01279  | 2.7727 | .28168 |
|           |         |         |         |        |        |
| #1        | 4121.5  | 72633.  | 5897.6  | 153.77 | 3881.4 |
| #2        | 4143.2  | 72287.  | 5896.6  | 147.85 | 3896.9 |

Sample Name: SB 85PPM      Acquired: 1/4/2017 16:01:07      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00190 | .00517 | .00432 | .00057 | 38.457 | .00735 | .00151 | .00010 |
| Stddev | .00059 | .00012 | .00012 | .00209 | .231   | .00728 | .00011 | .00002 |
| %RSD   | 31.051 | 2.2393 | 2.6976 | 364.46 | .26133 | 99.077 | 7.6180 | 16.365 |

|    |         |         |         |         |        |        |         |         |
|----|---------|---------|---------|---------|--------|--------|---------|---------|
| #1 | -.00232 | -.00525 | -.00440 | .00090  | 88.620 | .00220 | -.00159 | -.00012 |
| #2 | -.00148 | -.00509 | -.00423 | -.00205 | 88.293 | .01249 | -.00143 | -.00009 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00105 | .00648 | .00095 | .00133 | .00117 | .00146 | .00058 | .01992 |
| Stddev | .00005 | .00123 | .00017 | .00008 | .00025 | .00477 | .00002 | .00910 |
| %RSD   | 4.9879 | 18.989 | 18.345 | 6.2987 | 21.316 | 327.29 | 3.0973 | 45.670 |

|    |         |        |        |         |         |         |         |         |
|----|---------|--------|--------|---------|---------|---------|---------|---------|
| #1 | -.00101 | .00561 | .00107 | -.00127 | -.00099 | .00192  | -.00059 | -.01349 |
| #2 | -.00109 | .00735 | .00082 | -.00139 | -.00135 | -.00483 | -.00057 | -.02635 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00832 | .00021 | .01833 | .00132 | .00150 | .11785 | .00241 | .01068 |
| Stddev | .00005 | .00007 | .00705 | .00007 | .00003 | .01830 | .00011 | .00216 |
| %RSD   | .55320 | 34.631 | 38.436 | 5.4761 | 2.0966 | 15.531 | 4.5982 | 20.213 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00828 | -.00027 | -.01335 | -.00137 | -.00153 | .10491 | -.00249 | -.01221 |
| #2 | -.00835 | -.00016 | -.02331 | -.00127 | -.00148 | .13079 | -.00233 | -.00915 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00292 | .02494 | .00457 | .00111 | .00429 | .0148  | .00070 |  |
| Stddev | .00137 | .00389 | .00009 | .00090 | .00045 | .0008  | .00010 |  |
| %RSD   | 46.798 | 15.595 | 1.9297 | 80.452 | 10.600 | 5.407  | 13.845 |  |

|    |         |        |        |         |         |        |         |  |
|----|---------|--------|--------|---------|---------|--------|---------|--|
| #1 | -.00195 | .02219 | .00463 | -.00048 | -.00397 | -.0142 | -.00063 |  |
| #2 | -.00388 | .02770 | .00451 | -.00175 | -.00461 | -.0153 | -.00076 |  |

Sample Name: SB 85PPM      Acquired: 1/4/2017 16:01:07      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4145.6  | 72811.  | 5939.7  | 146.80 | 3816.4 |
| Stddev    | 8.6     | 494.    | 10.0    | .63    | 7.3    |
| %RSD      | .20671  | .67790  | .16915  | .42694 | .19152 |
| #1        | 4139.5  | 72462.  | 5946.8  | 147.25 | 3811.2 |
| #2        | 4151.6  | 73161.  | 5932.6  | 146.36 | 3821.6 |

Sample Name: BA 50PPM      Acquired: 1/4/2017 16:15:14      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00378 | .00458 | .00586 | .00013 | .00658 | .00364 | 48.506 | .00022 |
| Stddev | .00090 | .00076 | .00005 | .00000 | .00071 | .00478 | .848   | .00000 |
| %RSD   | 23.909 | 16.532 | .81268 | 3.1438 | 10.822 | 131.41 | 1.7474 | 1.6379 |

|    |         |         |         |        |        |         |        |        |
|----|---------|---------|---------|--------|--------|---------|--------|--------|
| #1 | -.00314 | -.00405 | -.00590 | .00013 | .00709 | -.00701 | 49.106 | .00022 |
| #2 | -.00442 | -.00512 | -.00583 | .00014 | .00608 | -.00026 | 47.907 | .00022 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00105 | .01219 | .00048 | .00449 | .00240 | .00723 | .00098 | .01174 |
| Stddev | .00008 | .00273 | .00001 | .00005 | .00004 | .00293 | .00007 | .00696 |
| %RSD   | 7.3083 | 22.367 | 2.2137 | 1.1863 | 1.5867 | 40.457 | 7.4027 | 59.252 |

|    |         |        |         |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|---------|
| #1 | -.00111 | .01026 | -.00047 | -.00445 | -.00243 | -.00516 | -.00093 | -.01666 |
| #2 | -.00100 | .01412 | -.00049 | -.00453 | -.00238 | -.00930 | -.00103 | -.00682 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00028 | .00024 | .01577 | .00184 | .00162 | .08096 | .00291 | .00366 |
| Stddev | .00006 | .00052 | .00205 | .00017 | .00006 | .01096 | .00028 | .00214 |
| %RSD   | 19.926 | 211.99 | 13.008 | 9.0394 | 3.6551 | 13.539 | 9.7490 | 58.618 |

|    |        |         |         |         |         |        |         |         |
|----|--------|---------|---------|---------|---------|--------|---------|---------|
| #1 | .00032 | -.00061 | -.01722 | -.00172 | -.00157 | .08871 | -.00311 | -.00214 |
| #2 | .00024 | .00012  | -.01432 | -.00196 | -.00166 | .07321 | -.00271 | -.00517 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00294 | .00241 | .00182 | .00008 | .00479 | .0054  | .00000 |  |
| Stddev | .00242 | .00106 | .00109 | .00052 | .00036 | .0002  | .00009 |  |
| %RSD   | 82.551 | 43.878 | 59.527 | 631.64 | 7.4615 | 3.487  | 4860.1 |  |

|    |         |         |        |         |         |        |         |  |
|----|---------|---------|--------|---------|---------|--------|---------|--|
| #1 | -.00465 | -.00316 | .00259 | -.00045 | -.00505 | -.0053 | .00007  |  |
| #2 | -.00122 | -.00166 | .00106 | .00029  | -.00454 | -.0056 | -.00006 |  |

Sample Name: BA 50PPM      Acquired: 1/4/2017 16:15:14      Type: Unk  
 Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      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       | 4051.2  | 70444.  | 5846.7  | 149.06 | 3845.0 |
| Stddev    | 1.4     | 300.    | 15.8    | .94    | 3.3    |
| %RSD      | .03561  | .42583  | .27060  | .63394 | .08474 |
| #1        | 4052.2  | 70232.  | 5835.5  | 148.39 | 3842.7 |
| #2        | 4050.2  | 70656.  | 5857.9  | 149.73 | 3847.3 |

Sample Name: BA 75PPM      Acquired: 1/4/2017 16:19:28      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00245 | .00516 | .00529 | .00107 | .00303 | .00429 | 70.984 | .00035 |
| Stddev | .00206 | .00126 | .00021 | .00065 | .00008 | .00543 | .206   | .00005 |
| %RSD   | 83.836 | 24.473 | 3.9189 | 61.291 | 2.7070 | 126.53 | .28956 | 13.953 |

|    |         |         |         |         |        |         |        |        |
|----|---------|---------|---------|---------|--------|---------|--------|--------|
| #1 | -.00100 | -.00606 | -.00515 | -.00060 | .00309 | -.00813 | 71.129 | .00039 |
| #2 | -.00391 | -.00427 | -.00544 | -.00153 | .00297 | -.00045 | 70.838 | .00032 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00106 | .01291 | .01498 | .00561 | .00217 | .04742 | .00029 | .02159 |
| Stddev | .00003 | .00827 | .00048 | .00012 | .00038 | .00736 | .00002 | .02213 |
| %RSD   | 2.9475 | 64.083 | 3.1768 | 2.1168 | 17.360 | 15.525 | 5.9873 | 102.54 |

|    |         |        |        |         |         |        |        |         |
|----|---------|--------|--------|---------|---------|--------|--------|---------|
| #1 | -.00103 | .00706 | .01531 | -.00553 | -.00190 | .04221 | .00028 | -.03724 |
| #2 | -.00108 | .01876 | .01464 | -.00569 | -.00244 | .05262 | .00031 | -.00593 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00993 | .00061 | .00918 | .00153 | .00181 | .09949 | .00089 | .00855 |
| Stddev | .00004 | .00065 | .00315 | .00008 | .00000 | .00537 | .00022 | .00038 |
| %RSD   | .44564 | 107.31 | 34.268 | 5.1654 | .20697 | 5.4026 | 25.069 | 4.4888 |

|    |        |         |         |         |         |        |         |         |
|----|--------|---------|---------|---------|---------|--------|---------|---------|
| #1 | .00996 | -.00015 | -.01141 | -.00159 | -.00181 | .09569 | -.00074 | -.00828 |
| #2 | .00990 | -.00107 | -.00696 | -.00148 | -.00181 | .10329 | -.00105 | -.00882 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00054 | .00011 | .00027 | .00177 | .00506 | .0045  | .00046 |  |
| Stddev | .00020 | .00014 | .00044 | .00088 | .00069 | .0012  | .00001 |  |
| %RSD   | 36.743 | 132.96 | 163.40 | 49.485 | 13.606 | 26.74  | 3.0090 |  |

|    |         |        |         |         |         |        |        |  |
|----|---------|--------|---------|---------|---------|--------|--------|--|
| #1 | -.00040 | .00001 | .00058  | -.00239 | -.00554 | -.0037 | .00045 |  |
| #2 | -.00067 | .00021 | -.00004 | -.00115 | -.00457 | -.0054 | .00047 |  |

Sample Name: BA 75PPM      Acquired: 1/4/2017 16:19:28      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4063.7  | 71182.  | 5886.0  | 147.88 | 3833.1 |
| Stddev    | 12.9    | 723.    | 1.7     | .88    | 1.7    |
| %RSD      | .31779  | 1.0164  | .02903  | .59334 | .04339 |
|           |         |         |         |        |        |
| #1        | 4054.6  | 70671.  | 5887.2  | 148.50 | 3832.0 |
| #2        | 4072.8  | 71694.  | 5884.8  | 147.26 | 3834.3 |

Sample Name: CCV06      Acquired: 1/4/2017 16:23:41      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV06      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    | 4.7556 | 4.9653 | 4.8599 | 4.9903 | 4.8714 | 9.9598 | 9.7165 | 2.5759 | 2.4240 |
| Stddev | .0125  | .0078  | .0042  | .0025  | .0083  | .0433  | .0776  | .00070 | .0049  |
| %RSD   | .26245 | .15643 | .08722 | .04985 | .17108 | .43485 | .79823 | .27089 | .20152 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.7468 | 4.9708 | 4.8629 | 4.9885 | 4.8655 | 9.9292 | 9.6617 | 2.5709 | 2.4274 |
| #2 | 4.7644 | 4.9598 | 4.8569 | 4.9921 | 4.8773 | 9.9904 | 9.7714 | 2.5808 | 2.4205 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.817 | 1.0214 | 2.4294 | 1.2257 | 4.5230 | 2.4985 | 23.929 | 2.4564 | 1.2229 |
| Stddev | .081   | .0020  | .0017  | .0004  | .0125  | .0031  | .083   | .0069  | .0028  |
| %RSD   | .32725 | .19279 | .06939 | .02984 | .27694 | .12230 | .34818 | .28007 | .22882 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.875 | 1.0200 | 2.4306 | 1.2259 | 4.5319 | 2.4963 | 23.988 | 2.4612 | 1.2209 |
| #2 | 24.760 | 1.0228 | 2.4282 | 1.2254 | 4.5142 | 2.5006 | 23.870 | 2.4515 | 1.2249 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 24.006 | 2.5394 | 2.2551 | 22.720 | 4.8454 | 4.7470 | 4.8684 | 4.6264 | 4.7925 |
| Stddev | .058   | .0040  | .0118  | .074   | .0071  | .0062  | .0093  | .0140  | .0061  |
| %RSD   | .24336 | .15837 | .52429 | .32770 | .14679 | .13053 | .19092 | .30309 | .12666 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.047 | 2.5365 | 2.2635 | 22.668 | 4.8403 | 4.7514 | 4.8750 | 4.6364 | 4.7968 |
| #2 | 23.964 | 2.5422 | 2.2467 | 22.773 | 4.8504 | 4.7426 | 4.8618 | 4.6165 | 4.7882 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8218 | 4.9081 | 5.046  | 4.8334 |
| Stddev | .0075  | .0013  | .009   | .0084  |
| %RSD   | .15478 | .02689 | .1819  | .17395 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.8270 | 4.9090 | 5.052 | 4.8393 |
| #2 | 4.8165 | 4.9071 | 5.039 | 4.8274 |

Sample Name: CCV06      Acquired: 1/4/2017 16:23:41      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV06      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       | 4046.1  | 70524.  | 5954.1  | 146.53 | 3751.1 |
| Stddev    | 4.5     | 76.     | 19.9    | 1.29   | 13.4   |
| %RSD      | .11022  | .10714  | .33473  | .88010 | .35838 |
| #1        | 4043.0  | 70578.  | 5940.0  | 145.62 | 3741.6 |
| #2        | 4049.3  | 70471.  | 5968.2  | 147.45 | 3760.7 |

Sample Name: CCB06      Acquired: 1/4/2017 16:27:40      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00192 | .00422 | .00295 | .00034 | .00103 | .00319 | .00005 | .00002 |
| Stddev | .00047 | .00010 | .00025 | .00157 | .00075 | .01603 | .00016 | .00009 |
| %RSD   | 24.504 | 2.3900 | 8.4063 | 464.93 | 73.265 | 501.93 | 329.76 | 372.47 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00225 | -.00429 | -.00312 | .00077  | -.00050 | -.01453 | -.00016 | .00004  |
| #2 | -.00159 | -.00415 | -.00277 | -.00145 | -.00156 | .00814  | .00006  | -.00009 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00109 | .00622 | .00112 | .00122 | .00104 | .00553 | .00092 | .01201 |
| Stddev | .00006 | .00001 | .00012 | .00010 | .00029 | .00050 | .00001 | .00302 |
| %RSD   | 5.1620 | .15120 | 10.823 | 8.4501 | 28.028 | 9.0367 | .86372 | 25.109 |

|    |         |        |         |         |         |         |         |        |
|----|---------|--------|---------|---------|---------|---------|---------|--------|
| #1 | -.00105 | .00622 | -.00121 | -.00115 | -.00084 | -.00589 | -.00093 | .01414 |
| #2 | -.00113 | .00621 | -.00103 | -.00129 | -.00125 | -.00518 | -.00092 | .00988 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00057 | .00027 | .00583 | .00079 | .00184 | .09832 | .00236 | .00192 |
| Stddev | .00027 | .00011 | .00548 | .00054 | .00001 | .03049 | .00030 | .00365 |
| %RSD   | 46.807 | 41.589 | 94.052 | 68.959 | .49092 | 31.009 | 12.525 | 189.76 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00038 | -.00019 | -.00971 | -.00117 | -.00183 | .11987 | -.00215 | .00450  |
| #2 | -.00076 | -.00035 | -.00195 | -.00040 | -.00184 | .07676 | -.00257 | -.00066 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00311 | .00252 | .00037 | .00044 | .00315 | .0041  | .00026 |  |
| Stddev | .00035 | .00091 | .00083 | .00043 | .00045 | .0007  | .00012 |  |
| %RSD   | 11.120 | 36.048 | 223.60 | 97.245 | 14.213 | 16.87  | 46.229 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00336 | -.00316 | .00096  | -.00074 | -.00283 | -.0046 | -.00017 |  |
| #2 | -.00287 | -.00188 | -.00022 | -.00014 | -.00347 | -.0036 | -.00034 |  |

Sample Name: CCB06      Acquired: 1/4/2017 16:27:40      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB06      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       | 4148.5  | 72359.  | 5878.4  | 145.92 | 3979.6 |
| Stddev    | 7.0     | 38.     | 15.0    | 2.85   | 1.2    |
| %RSD      | .16849  | .05262  | .25501  | 1.9538 | .03116 |
| #1        | 4143.6  | 72385.  | 5889.0  | 147.94 | 3978.7 |
| #2        | 4153.5  | 72332.  | 5867.8  | 143.90 | 3980.5 |

Sample Name: BA 100PPM      Acquired: 1/4/2017 16:31:48      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00427 | .00558 | .00564 | .00146 | .00074 | .00245 | 92.921 | .00051 |
| Stddev | .00053 | .00059 | .00113 | .00255 | .00038 | .00905 | .659   | .00004 |
| %RSD   | 12.329 | 10.567 | 19.951 | 174.37 | 51.057 | 369.09 | .70921 | 7.9057 |

|    |         |         |         |         |        |         |        |        |
|----|---------|---------|---------|---------|--------|---------|--------|--------|
| #1 | -.00464 | -.00516 | -.00485 | -.00326 | .00048 | -.00885 | 92.455 | .00053 |
| #2 | -.00390 | -.00600 | -.00644 | .00034  | .00101 | .00395  | 93.387 | .00048 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00088 | .00649 | .02396 | .00678 | .00225 | .08382 | .00108 | .02150 |
| Stddev | .00008 | .00673 | .00008 | .00041 | .00043 | .00201 | .00010 | .00775 |
| %RSD   | 9.4651 | 103.67 | .33698 | 6.0203 | 19.250 | 2.3958 | 9.4643 | 36.043 |

|    |         |        |        |         |         |        |        |         |
|----|---------|--------|--------|---------|---------|--------|--------|---------|
| #1 | -.00082 | .00173 | .02402 | -.00649 | -.00256 | .08524 | .00101 | -.02699 |
| #2 | -.00094 | .01125 | .02390 | -.00707 | -.00194 | .08240 | .00115 | -.01602 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01596 | .00067 | .00074 | .00140 | .00189 | .09599 | .00048 | .00071 |
| Stddev | .00019 | .00007 | .01125 | .00041 | .00009 | .02014 | .00016 | .00922 |
| %RSD   | 1.1663 | 10.833 | 1519.0 | 29.502 | 4.8829 | 20.976 | 32.310 | 1303.6 |

|    |        |         |         |         |         |        |        |         |
|----|--------|---------|---------|---------|---------|--------|--------|---------|
| #1 | .01609 | -.00062 | -.00870 | -.00111 | -.00183 | .08176 | .00037 | .00581  |
| #2 | .01583 | -.00072 | .00722  | -.00169 | -.00196 | .11023 | .00059 | -.00722 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00065 | .00371 | .00043 | .00005 | .00371 | .0044  | .00075 |  |
| Stddev | .00129 | .00098 | .00087 | .00097 | .00026 | .0009  | .00009 |  |
| %RSD   | 197.98 | 26.437 | 204.64 | 1998.3 | 6.9523 | 20.05  | 11.496 |  |

|    |         |         |         |         |         |        |        |  |
|----|---------|---------|---------|---------|---------|--------|--------|--|
| #1 | -.00156 | -.00302 | -.00104 | .00074  | -.00353 | -.0050 | .00081 |  |
| #2 | .00026  | -.00441 | .00019  | -.00064 | -.00389 | -.0037 | .00069 |  |

Sample Name: BA 100PPM      Acquired: 1/4/2017 16:31:48      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4096.5  | 72004.  | 5936.3  | 149.45 | 3843.2 |
| Stddev    | 1.8     | 300.    | 19.5    | 5.13   | .9     |
| %RSD      | .04363  | .41715  | .32896  | 3.4323 | .02406 |
| #1        | 4097.8  | 72216.  | 5922.5  | 145.83 | 3842.6 |
| #2        | 4095.2  | 71792.  | 5950.2  | 153.08 | 3843.9 |

Sample Name: TI 50PPM      Acquired: 1/4/2017 16:36:03      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00217 | .02001 | .00238 | .00312 | .02297 | .01249 | .00466 | .00010 |
| Stddev | .00154 | .00066 | .00199 | .00066 | .00187 | .01740 | .00253 | .00001 |
| %RSD   | 70.858 | 3.2942 | 83.475 | 21.255 | 8.1480 | 139.30 | 54.414 | 5.9829 |

|    |         |        |         |         |        |         |        |         |
|----|---------|--------|---------|---------|--------|---------|--------|---------|
| #1 | -.00108 | .01954 | -.00098 | -.00266 | .02429 | -.02479 | .00645 | -.00010 |
| #2 | -.00326 | .02048 | -.00379 | -.00359 | .02165 | -.00019 | .00286 | -.00009 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00246 | .00620 | .00094 | .01984 | .00153 | .00532 | .00105 | .13726 |
| Stddev | .00003 | .00695 | .00045 | .00061 | .00027 | .00554 | .00005 | .02239 |
| %RSD   | 1.3475 | 112.11 | 47.258 | 3.0692 | 17.428 | 104.15 | 4.6646 | 16.309 |

|    |        |        |        |        |        |         |         |         |
|----|--------|--------|--------|--------|--------|---------|---------|---------|
| #1 | .00244 | .00129 | .00063 | .01941 | .00171 | -.00923 | -.00108 | -.12143 |
| #2 | .00249 | .01112 | .00126 | .02027 | .00134 | -.00140 | -.00101 | -.15309 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00170 | .00239 | .00475 | .00743 | .02184 | .10831 | .00291 | .05425 |
| Stddev | .00004 | .00042 | .00311 | .00007 | .00009 | .03518 | .00002 | .00020 |
| %RSD   | 2.2072 | 17.374 | 65.466 | .87549 | .39495 | 32.482 | .69679 | .36863 |

|    |         |        |         |         |         |        |         |         |
|----|---------|--------|---------|---------|---------|--------|---------|---------|
| #1 | -.00167 | .00210 | -.00695 | -.00739 | -.02178 | .08343 | -.00289 | -.05439 |
| #2 | -.00172 | .00269 | -.00255 | -.00748 | -.02190 | .13319 | -.00292 | -.05411 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00264 | .10703 | .09354 | 46.750 | .00397 | .0036  | .00061 |  |
| Stddev | .00034 | .00184 | .00095 | .135   | .00068 | .0019  | .00002 |  |
| %RSD   | 12.790 | 1.7238 | 1.0116 | .28938 | 17.101 | 51.73  | 2.7919 |  |

|    |         |         |        |        |         |        |         |  |
|----|---------|---------|--------|--------|---------|--------|---------|--|
| #1 | -.00240 | -.10834 | .09421 | 46.655 | -.00445 | -.0023 | -.00062 |  |
| #2 | -.00288 | -.10573 | .09287 | 46.846 | -.00349 | -.0049 | -.00060 |  |

Sample Name: TI 50PPM      Acquired: 1/4/2017 16:36:03      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4071.6  | 71346.  | 5925.9  | 151.35 | 3999.8 |
| Stddev    | 10.5    | 712.    | 21.8    | .78    | 14.7   |
| %RSD      | .25724  | .99772  | .36717  | .51583 | .36651 |
| #1        | 4079.0  | 71850.  | 5910.5  | 150.80 | 4010.2 |
| #2        | 4064.2  | 70843.  | 5941.2  | 151.90 | 3989.5 |

Sample Name: TI 75PPM      Acquired: 1/4/2017 16:40:10      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00300 | .03098 | .00147 | .00148 | .03520 | .00923 | .00626 | .00006 |
| Stddev | .00313 | .00002 | .00084 | .00129 | .00021 | .00192 | .00029 | .00003 |
| %RSD   | 104.34 | .06512 | 56.800 | 87.476 | .59337 | 20.784 | 4.5727 | 50.724 |

|    |         |        |         |         |        |         |         |         |
|----|---------|--------|---------|---------|--------|---------|---------|---------|
| #1 | -.00079 | .03097 | -.00088 | -.00239 | .03506 | -.01058 | -.00606 | -.00008 |
| #2 | -.00521 | .03100 | -.00207 | -.00056 | .03535 | -.00787 | -.00646 | -.00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00417 | .00691 | .00076 | .02925 | .00326 | .00454 | .00102 | .20560 |
| Stddev | .00005 | .00518 | .00015 | .00008 | .00028 | .00221 | .00006 | .02320 |
| %RSD   | 1.0821 | 74.972 | 19.604 | .26029 | 8.6744 | 48.713 | 5.8428 | 11.282 |

|    |        |        |        |        |        |         |         |         |
|----|--------|--------|--------|--------|--------|---------|---------|---------|
| #1 | .00414 | .01057 | .00086 | .02930 | .00346 | -.00298 | -.00098 | -.18920 |
| #2 | .00420 | .00325 | .00065 | .02919 | .00306 | -.00611 | -.00106 | -.22200 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00132 | .00379 | .00876 | .00999 | .03158 | .08004 | .00319 | .06210 |
| Stddev | .00018 | .00016 | .00248 | .00004 | .00002 | .00097 | .00012 | .00139 |
| %RSD   | 13.635 | 4.2395 | 28.303 | .41797 | .04990 | 1.2125 | 3.6466 | 2.2421 |

|    |         |        |         |         |         |        |         |         |
|----|---------|--------|---------|---------|---------|--------|---------|---------|
| #1 | -.00145 | .00368 | -.01051 | -.01001 | -.03159 | .08073 | -.00311 | -.06112 |
| #2 | -.00120 | .00391 | -.00701 | -.00996 | -.03157 | .07935 | -.00328 | -.06309 |

|        |        |        |        |         |        |        |        |  |
|--------|--------|--------|--------|---------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361  | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |  |
| Avg    | .00034 | .11036 | .13920 | .39.048 | .00379 | .0035  | .00062 |  |
| Stddev | .00035 | .00693 | .00134 | .361    | .00292 | .0007  | .00001 |  |
| %RSD   | 104.87 | 6.2819 | .96165 | .52277  | 77.209 | 20.62  | 1.8455 |  |

|    |         |         |        |        |         |        |         |  |
|----|---------|---------|--------|--------|---------|--------|---------|--|
| #1 | -.00059 | -.11526 | .13825 | 68.793 | -.00172 | -.0030 | -.00061 |  |
| #2 | -.00009 | -.10546 | .14015 | 69.304 | -.00586 | -.0041 | -.00063 |  |

Sample Name: TI 75PPM      Acquired: 1/4/2017 16:40:10      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4131.3  | 72277.  | 3011.2  | 152.71 | 4041.3 |
| Stddev    | 11.0    | 309.    | 5.5     | .18    | 1.6    |
| %RSD      | .26597  | .42750  | .09111  | .11971 | .03912 |
| #1        | 4123.5  | 72059.  | 6007.4  | 152.84 | 4040.1 |
| #2        | 4139.0  | 72496.  | 6015.1  | 152.58 | 4042.4 |

Sample Name: TI 100PPM      Acquired: 1/4/2017 16:44:17      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00609 | .04584 | .00108 | .00238 | .04941 | .00224 | .00801 | .00010 |
| Stddev | .00068 | .00153 | .00051 | .00050 | .00116 | .00466 | .00003 | .00004 |
| %RSD   | 11.193 | 3.3399 | 46.912 | 20.915 | 2.3415 | 208.35 | .32820 | 42.752 |

|    |         |        |         |         |        |         |         |         |
|----|---------|--------|---------|---------|--------|---------|---------|---------|
| #1 | -.00561 | .04476 | -.00144 | -.00273 | .04860 | -.00553 | -.00799 | -.00013 |
| #2 | -.00658 | .04692 | -.00072 | -.00202 | .05023 | .00106  | -.00803 | -.00007 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00596 | .00897 | .00188 | .03844 | .00468 | .00001 | .00110 | .26062 |
| Stddev | .00008 | .00652 | .00010 | .00010 | .00021 | .00029 | .00001 | .00921 |
| %RSD   | 1.2784 | 72.708 | 5.5782 | .25203 | 4.4406 | 3311.7 | .74562 | 3.5345 |

|    |        |        |        |        |        |         |         |         |
|----|--------|--------|--------|--------|--------|---------|---------|---------|
| #1 | .00601 | .00436 | .00180 | .03851 | .00454 | -.00021 | -.00110 | -.25410 |
| #2 | .00590 | .01358 | .00195 | .03838 | .00483 | .00020  | -.00109 | -.26713 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00171 | .00484 | .00756 | .01309 | .04214 | .09010 | .00305 | .08516 |
| Stddev | .00030 | .00003 | .00351 | .00013 | .00182 | .01333 | .00002 | .00222 |
| %RSD   | 17.635 | .52100 | 46.390 | .95933 | 4.3205 | 14.794 | .52631 | 2.6032 |

|    |         |        |         |         |         |        |         |         |
|----|---------|--------|---------|---------|---------|--------|---------|---------|
| #1 | -.00192 | .00486 | -.00508 | -.01318 | -.04085 | .08067 | -.00304 | -.08360 |
| #2 | -.00149 | .00482 | -.01003 | -.01300 | -.04343 | .09952 | -.00306 | -.08673 |

|        |        |        |        |         |        |        |        |  |
|--------|--------|--------|--------|---------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361  | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |  |
| Avg    | .00073 | .11194 | .18768 | .92.878 | .00385 | .0031  | .00075 |  |
| Stddev | .00050 | .01070 | .00046 | .443    | .00078 | .0003  | .00002 |  |
| %RSD   | 68.313 | 9.5626 | .24485 | .47720  | 20.192 | 10.74  | 3.2509 |  |

|    |         |         |        |        |         |        |         |  |
|----|---------|---------|--------|--------|---------|--------|---------|--|
| #1 | -.00108 | -.11951 | .18735 | 92.565 | -.00440 | -.0034 | -.00073 |  |
| #2 | -.00038 | -.10437 | .18800 | 93.192 | -.00330 | -.0029 | -.00076 |  |

Sample Name: TI 100PPM      Acquired: 1/4/2017 16:44:17      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4092.4  | 71332.  | 5918.8  | 149.78 | 4004.6 |
| Stddev    | 8.4     | 21.     | 28.9    | 2.83   | .3     |
| %RSD      | .20439  | .02957  | .48856  | 1.8917 | .00732 |
| #1        | 4086.5  | 71347.  | 5939.2  | 151.78 | 4004.4 |
| #2        | 4098.3  | 71317.  | 5898.3  | 147.78 | 4004.8 |

Sample Name: P 40PPM      Acquired: 1/4/2017 16:48:22      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .04167 | .00467 | .00309 | .00073 | .00150 | .00451 | .00112 | .00003 |
| Stddev | .00144 | .00089 | .00017 | .00264 | .00140 | .01951 | .00015 | .00005 |
| %RSD   | 3.4524 | 19.121 | 5.6469 | 364.43 | 93.873 | 432.86 | 13.498 | 208.61 |

|    |        |         |         |         |         |         |         |         |
|----|--------|---------|---------|---------|---------|---------|---------|---------|
| #1 | .04269 | -.00404 | -.00297 | -.00259 | -.00050 | .00929  | -.00123 | -.00001 |
| #2 | .04065 | -.00530 | -.00322 | .00114  | -.00249 | -.01830 | -.00102 | .00006  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00121 | .00758 | .00197 | .00131 | .00220 | .00326 | .00089 | .02584 |
| Stddev | .00001 | .00286 | .00048 | .00023 | .00036 | .00324 | .00003 | .04785 |
| %RSD   | .78646 | 37.767 | 24.189 | 17.792 | 16.549 | 99.322 | 3.8215 | 185.18 |

|    |         |         |        |         |         |        |         |         |
|----|---------|---------|--------|---------|---------|--------|---------|---------|
| #1 | -.00121 | -.00555 | .00230 | -.00114 | -.00245 | .00556 | -.00087 | .05967  |
| #2 | -.00122 | -.00960 | .00163 | -.00147 | -.00194 | .00097 | -.00091 | -.00799 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .00027 | .01595 | .00120 | .00212 | .06573 | .00317 | .00781 |
| Stddev | .00017 | .00014 | .00105 | .00005 | .00011 | .01750 | .00029 | .00156 |
| %RSD   | 288.93 | 51.458 | 6.5696 | 4.5519 | 5.0622 | 26.617 | 9.1629 | 19.933 |

|    |         |         |         |         |         |        |        |         |
|----|---------|---------|---------|---------|---------|--------|--------|---------|
| #1 | -.00018 | -.00037 | -.01521 | -.00124 | -.00204 | .05336 | .00338 | -.00671 |
| #2 | .00006  | -.00017 | -.01669 | -.00116 | -.00219 | .07810 | .00297 | -.00891 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00445 | .01582 | .00108 | .00539 | .00425 | 38.87  | .00063 |  |
| Stddev | .00069 | .00308 | .00036 | .00090 | .00103 | .02    | .00008 |  |
| %RSD   | 15.476 | 19.464 | 33.521 | 16.755 | 24.127 | .0485  | 12.256 |  |

|    |         |        |         |        |         |       |         |  |
|----|---------|--------|---------|--------|---------|-------|---------|--|
| #1 | -.00396 | .01365 | -.00133 | .00603 | -.00353 | 38.86 | -.00069 |  |
| #2 | -.00493 | .01800 | -.00082 | .00475 | -.00498 | 38.88 | -.00058 |  |

Sample Name: P 40PPM      Acquired: 1/4/2017 16:48:22      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4147.9  | 72533.  | 5912.8  | 151.38 | 4110.9 |
| Stddev    | 3.5     | 65.     | 10.5    | 3.70   | 2.9    |
| %RSD      | .08364  | .09006  | .17819  | 2.4459 | .07152 |
|           |         |         |         |        |        |
| #1        | 4150.3  | 72579.  | 5920.2  | 154.00 | 4108.9 |
| #2        | 4145.4  | 72486.  | 5905.3  | 148.76 | 4113.0 |

Sample Name: P 60PPM      Acquired: 1/4/2017 16:52:29      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .02303 | -.00416 | -.00420 | -.00194 | -.00099 | .00470 | -.00125 | -.00001 |
| Stddev | .00336 | .00014  | .00194  | .00115  | .00041  | .00619 | .00037  | .00005  |
| %RSD   | 14.588 | 3.3246  | 46.133  | 59.443  | 41.048  | 131.85 | 29.695  | 332.54  |

|    |        |         |         |         |         |        |         |         |
|----|--------|---------|---------|---------|---------|--------|---------|---------|
| #1 | .02540 | -.00407 | -.00283 | -.00276 | -.00128 | .00032 | -.00151 | -.00005 |
| #2 | .02065 | -.00426 | -.00558 | -.00113 | -.00070 | .00908 | -.00099 | .00002  |

|        |         |         |        |         |         |        |        |        |
|--------|---------|---------|--------|---------|---------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736  | Cr2677 | Co2286  | Cu2247  | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm     | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | -.00121 | -.00187 | .01044 | -.00125 | -.00151 | .02895 | .00003 | .00464 |
| Stddev | .00008  | .00133  | .00017 | .00013  | .00011  | .00463 | .00000 | .00934 |
| %RSD   | 6.8235  | 70.983  | 1.6405 | 10.298  | 7.6051  | 15.979 | 6.4119 | 201.12 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00115 | -.00093 | .01056 | -.00116 | -.00159 | .02568 | .00003 | -.00196 |
| #2 | -.00127 | -.00281 | .01032 | -.00134 | -.00143 | .03222 | .00003 | .01125  |

|        |        |         |         |         |         |        |        |         |
|--------|--------|---------|---------|---------|---------|--------|--------|---------|
| Elem   | Ni2316 | Ag3280  | Na5895  | V_2924  | Zn2138  | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm     | ppm    | ppm    | ppm     |
| Avg    | .00500 | -.00039 | -.01169 | -.00130 | -.00213 | .11998 | .00408 | -.00493 |
| Stddev | .00028 | .00021  | .00281  | .00001  | .00014  | .05457 | .00121 | .00096  |
| %RSD   | 5.6499 | 53.259  | 24.025  | .65374  | 6.5807  | 45.483 | 29.596 | 19.505  |

|    |        |         |         |         |         |        |        |         |
|----|--------|---------|---------|---------|---------|--------|--------|---------|
| #1 | .00520 | -.00024 | -.00970 | -.00131 | -.00203 | .15856 | .00493 | -.00425 |
| #2 | .00480 | -.00053 | -.01368 | -.00129 | -.00223 | .08139 | .00323 | -.00561 |

|        |         |        |         |         |         |        |         |
|--------|---------|--------|---------|---------|---------|--------|---------|
| Elem   | S_1820  | Si2881 | Sn1899  | Ti3361  | Li6707  | P_1774 | Sr4077  |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg    | -.00378 | .01013 | -.00246 | -.00076 | -.00508 | 57.66  | -.00072 |
| Stddev | .00096  | .00042 | .00004  | .00047  | .00039  | .12    | .00001  |
| %RSD   | 25.349  | 4.1952 | 1.5982  | 61.828  | 7.7672  | .2089  | 1.7044  |

|    |         |        |         |         |         |       |         |
|----|---------|--------|---------|---------|---------|-------|---------|
| #1 | -.00446 | .01043 | -.00243 | -.00043 | -.00535 | 57.57 | -.00071 |
| #2 | -.00310 | .00983 | -.00248 | -.00109 | -.00480 | 57.75 | -.00072 |

Sample Name: P 60PPM      Acquired: 1/4/2017 16:52:29      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4132.0  | 72293.  | 5909.4  | 151.75 | 4088.6 |
| Stddev    | 12.8    | 284.    | 21.2    | 4.90   | 6.8    |
| %RSD      | .30970  | .39231  | .35877  | 3.2278 | .16658 |
| #1        | 4122.9  | 72093.  | 5894.4  | 155.22 | 4083.7 |
| #2        | 4141.0  | 72494.  | 5924.4  | 148.29 | 4093.4 |

Sample Name: P 80PPM      Acquired: 1/4/2017 16:56:35      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .01132 | -.00448 | -.00429 | -.00291 | .00014 | .03124 | -.00126 | .00004 |
| Stddev | .00258 | .00027  | .00227  | .00047  | .00033 | .00334 | .00025  | .00003 |
| %RSD   | 22.818 | 6.0107  | 52.940  | 16.059  | 232.41 | 10.695 | 19.920  | 72.964 |

|    |        |         |         |         |         |        |         |        |
|----|--------|---------|---------|---------|---------|--------|---------|--------|
| #1 | .01314 | -.00429 | -.00269 | -.00324 | -.00009 | .03361 | -.00144 | .00002 |
| #2 | .00949 | -.00467 | -.00590 | -.00258 | .00037  | .02888 | -.00108 | .00006 |

|        |         |        |        |         |         |        |        |        |
|--------|---------|--------|--------|---------|---------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286  | Cu2247  | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | -.00119 | .00360 | .02089 | -.00084 | -.00132 | .07052 | .00087 | .00154 |
| Stddev | .00009  | .00104 | .00032 | .00005  | .00035  | .00154 | .00001 | .01433 |
| %RSD   | 7.5894  | 28.799 | 1.5136 | 6.1200  | 26.871  | 2.1847 | .71062 | 927.97 |

|    |         |        |        |         |         |        |        |         |
|----|---------|--------|--------|---------|---------|--------|--------|---------|
| #1 | -.00126 | .00287 | .02067 | -.00087 | -.00107 | .07161 | .00088 | .01168  |
| #2 | -.00113 | .00434 | .02112 | -.00080 | -.00157 | .06943 | .00087 | -.00859 |

|        |        |         |         |         |         |        |        |         |
|--------|--------|---------|---------|---------|---------|--------|--------|---------|
| Elem   | Ni2316 | Ag3280  | Na5895  | V_2924  | Zn2138  | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm     | ppm    | ppm    | ppm     |
| Avg    | .01081 | -.00041 | -.00579 | -.00098 | -.00204 | .10220 | .00292 | -.00151 |
| Stddev | .00021 | .00024  | .00311  | .00004  | .00010  | .00564 | .00018 | .00655  |
| %RSD   | 1.9067 | 58.422  | 53.822  | 3.8518  | 5.1139  | 5.5161 | 6.0488 | 434.67  |

|    |        |         |         |         |         |        |        |         |
|----|--------|---------|---------|---------|---------|--------|--------|---------|
| #1 | .01066 | -.00058 | -.00358 | -.00095 | -.00197 | .09821 | .00304 | -.00614 |
| #2 | .01095 | -.00024 | -.00799 | -.00101 | -.00211 | .10619 | .00279 | .00312  |

|        |         |        |         |         |         |        |         |  |
|--------|---------|--------|---------|---------|---------|--------|---------|--|
| Elem   | S_1820  | Si2881 | Sn1899  | Ti3361  | Li6707  | P_1774 | Sr4077  |  |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm     | ppm    | ppm     |  |
| Avg    | -.00455 | .00736 | -.00266 | -.00039 | -.00525 | 73.30  | -.00063 |  |
| Stddev | .00109  | .00038 | .00068  | .00124  | .00101  | .18    | .00003  |  |
| %RSD   | 23.984  | 5.1579 | 25.480  | 315.98  | 19.331  | .2510  | 4.5560  |  |

|    |         |        |         |         |         |       |         |  |
|----|---------|--------|---------|---------|---------|-------|---------|--|
| #1 | -.00378 | .00763 | -.00314 | -.00127 | -.00453 | 73.17 | -.00061 |  |
| #2 | -.00532 | .00710 | -.00218 | .00049  | -.00597 | 73.43 | -.00065 |  |

Sample Name: P 80PPM      Acquired: 1/4/2017 16:56:35      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4130.3  | 72435.  | 5937.8  | 150.84 | 4096.4 |
| Stddev    | 3.7     | 66.     | 12.0    | 1.51   | 6.5    |
| %RSD      | .09075  | .09127  | .20255  | 1.0015 | .15794 |
| #1        | 4127.7  | 72481.  | 5946.3  | 151.91 | 4100.9 |
| #2        | 4133.0  | 72388.  | 5929.3  | 149.77 | 4091.8 |

Sample Name: LI 50PPM      Acquired: 1/4/2017 17:00:43      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00046 | .00257 | .00479 | .00342 | .00121 | .04358 | .00136 | .00001 |
| Stddev | .00059 | .00057 | .00061 | .00175 | .00101 | .00532 | .00048 | .00006 |
| %RSD   | 127.90 | 22.145 | 12.765 | 51.087 | 83.058 | 12.215 | 35.156 | 622.33 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00088 | -.00297 | -.00522 | -.00466 | -.00193 | .04734 | -.00102 | -.00005 |
| #2 | -.00004 | -.00217 | -.00436 | -.00218 | -.00050 | .03981 | -.00170 | .00003  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00098 | .02702 | .01468 | .00095 | .00074 | .05675 | .00074 | .00499 |
| Stddev | .00005 | .00911 | .00023 | .00031 | .00014 | .00637 | .00012 | .00133 |
| %RSD   | 5.4347 | 33.708 | 1.5476 | 32.518 | 18.836 | 11.232 | 16.578 | 26.644 |

|    |         |        |        |         |         |        |        |        |
|----|---------|--------|--------|---------|---------|--------|--------|--------|
| #1 | -.00094 | .02058 | .01452 | -.00073 | -.00064 | .06126 | .00082 | .00405 |
| #2 | -.00102 | .03346 | .01484 | -.00116 | -.00084 | .05225 | .00065 | .00593 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00813 | .00003 | .00251 | .00111 | .00122 | .08471 | .01112 | .00480 |
| Stddev | .00046 | .00016 | .00134 | .00100 | .00015 | .00255 | .00010 | .01067 |
| %RSD   | 5.6095 | 490.46 | 53.256 | 90.221 | 12.579 | 3.0146 | .87571 | 222.22 |

|    |        |         |        |         |        |        |        |         |
|----|--------|---------|--------|---------|--------|--------|--------|---------|
| #1 | .00781 | .00008  | .00346 | -.00040 | .00133 | .08290 | .01105 | .01234  |
| #2 | .00846 | -.00014 | .00157 | -.00181 | .00111 | .08651 | .01119 | -.00274 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00215 | .01932 | .00892 | .01209 | 50.936 | .0676  | .00078 |
| Stddev | .00362 | .00215 | .00088 | .00008 | .800   | .0049  | .00000 |
| %RSD   | 168.46 | 11.113 | 9.8117 | .66416 | 1.5699 | 7.173  | .15061 |

|    |         |        |        |        |        |       |        |
|----|---------|--------|--------|--------|--------|-------|--------|
| #1 | -.00471 | .01781 | .00830 | .01214 | 50.371 | .0711 | .00078 |
| #2 | .00041  | .02084 | .00954 | .01203 | 51.501 | .0642 | .00078 |

Sample Name: LI 50PPM      Acquired: 1/4/2017 17:00:43      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4042.7  | 70027.  | 5923.4  | 147.64 | 3816.5 |
| Stddev    | 4.0     | 82.     | 19.5    | 3.83   | 1.8    |
| %RSD      | .09978  | .11758  | .32997  | 2.5971 | .04639 |
|           |         |         |         |        |        |
| #1        | 4039.9  | 70086.  | 5937.3  | 144.93 | 3815.2 |
| #2        | 4045.6  | 69969.  | 5909.6  | 150.35 | 3817.7 |

Sample Name: LI 75PPM      Acquired: 1/4/2017 17:04:56      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00094 | .00387 | .00388 | .00230 | .00090 | .02104 | .00103 | .00006 |
| Stddev | .00123 | .00259 | .00065 | .00100 | .00100 | .00390 | .00013 | .00002 |
| %RSD   | 130.73 | 67.030 | 16.806 | 43.243 | 111.26 | 18.532 | 12.498 | 35.088 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00007 | -.00570 | -.00434 | -.00160 | -.00019 | .02380 | -.00112 | .00007 |
| #2 | -.00180 | -.00204 | -.00342 | -.00301 | -.00160 | .01828 | -.00093 | .00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00088 | .03095 | .00938 | .00118 | .00014 | .02922 | .00036 | .00217 |
| Stddev | .00001 | .00156 | .00015 | .00023 | .00024 | .00415 | .00002 | .01268 |
| %RSD   | 1.5103 | 5.0441 | 1.5767 | 19.490 | 172.70 | 14.210 | 6.6818 | 583.12 |

|    |         |        |        |         |         |        |        |         |
|----|---------|--------|--------|---------|---------|--------|--------|---------|
| #1 | -.00088 | .02985 | .00927 | -.00135 | .00003  | .03215 | .00037 | .00679  |
| #2 | -.00087 | .03206 | .00948 | -.00102 | -.00031 | .02628 | .00034 | -.01114 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00516 | .00003 | .02431 | .00130 | .00263 | .13121 | .01644 | .01181 |
| Stddev | .00026 | .00010 | .00351 | .00005 | .00004 | .04908 | .00007 | .00495 |
| %RSD   | 4.9706 | 303.33 | 14.418 | 3.5460 | 1.3673 | 37.405 | .45504 | 41.886 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .00534 | -.00004 | .02183 | -.00134 | .00265 | .09651 | .01639 | .01531 |
| #2 | .00498 | .00010  | .02679 | -.00127 | .00260 | .16592 | .01650 | .00831 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00188 | .02618 | .01531 | .01630 | 75.481 | .0352  | .00139 |
| Stddev | .00061 | .00131 | .00107 | .00104 | .671   | .0015  | .00001 |
| %RSD   | 32.489 | 5.0182 | 7.0148 | 6.3864 | .88913 | 4.223  | .43189 |

|    |         |        |        |        |        |       |        |
|----|---------|--------|--------|--------|--------|-------|--------|
| #1 | -.00231 | .02525 | .01607 | .01556 | 75.006 | .0363 | .00139 |
| #2 | -.00145 | .02711 | .01455 | .01704 | 75.955 | .0342 | .00138 |

Sample Name: LI 75PPM      Acquired: 1/4/2017 17:04:56      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4017.7  | 59820.  | 5906.1  | 147.35 | 3753.2 |
| Stddev    | 30.8    | 304.    | 24.0    | .03    | 22.6   |
| %RSD      | .76627  | .43548  | .40577  | .02181 | .60216 |
| #1        | 3995.9  | 69605.  | 5923.0  | 147.33 | 3737.2 |
| #2        | 4039.5  | 70035.  | 5889.1  | 147.38 | 3769.1 |

Sample Name: LI 100PPM      Acquired: 1/4/2017 17:09:10      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00016 | .00233 | .00351 | .00388 | .00021 | .02341 | .00041 | .00002 |
| Stddev | .00246 | .00034 | .00225 | .00119 | .00025 | .00012 | .00003 | .00007 |
| %RSD   | 1543.1 | 14.425 | 64.080 | 30.727 | 119.55 | .52055 | 8.1916 | 362.65 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00158 | -.00257 | -.00192 | -.00304 | -.00039 | .02350 | -.00043 | -.00007 |
| #2 | .00190  | -.00210 | -.00510 | -.00473 | -.00003 | .02332 | -.00039 | .00003  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00084 | .03866 | .00773 | .00134 | .00002 | .03618 | .00041 | .00283 |
| Stddev | .00001 | .00405 | .00050 | .00048 | .00045 | .00693 | .00007 | .00195 |
| %RSD   | .68199 | 10.489 | 6.4095 | 35.795 | 2388.8 | 19.143 | 16.048 | 68.936 |

|    |         |        |        |         |         |        |        |        |
|----|---------|--------|--------|---------|---------|--------|--------|--------|
| #1 | -.00084 | .03579 | .00738 | -.00168 | .00033  | .03128 | .00037 | .00421 |
| #2 | -.00085 | .04152 | .00808 | -.00100 | -.00030 | .04108 | .00046 | .00145 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00425 | .00027 | .04488 | .00168 | .00343 | .12539 | .01943 | .01015 |
| Stddev | .00015 | .00032 | .00113 | .00057 | .00013 | .00699 | .00005 | .00546 |
| %RSD   | 3.4223 | 119.67 | 2.5174 | 33.868 | 3.9007 | 5.5775 | .27366 | 53.783 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00415 | .00004 | .04568 | -.00128 | .00353 | .13034 | .01947 | .01401 |
| #2 | .00435 | .00050 | .04408 | -.00208 | .00334 | .12045 | .01940 | .00629 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00222 | .02922 | .01874 | .01987 | 30.646 | .0208  | .00178 |  |
| Stddev | .00288 | .00185 | .00021 | .00169 | .792   | .0008  | .00000 |  |
| %RSD   | 129.52 | 6.3194 | 1.1085 | 8.4863 | .87350 | 3.868  | .13271 |  |

|    |         |        |        |        |        |       |        |  |
|----|---------|--------|--------|--------|--------|-------|--------|--|
| #1 | -.00019 | .03052 | .01888 | .01867 | 91.206 | .0202 | .00178 |  |
| #2 | -.00426 | .02791 | .01859 | .02106 | 90.086 | .0214 | .00178 |  |

Sample Name: LI 100PPM      Acquired: 1/4/2017 17:09:10      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3993.7  | 39265.  | 5864.6  | 147.20 | 3706.1 |
| Stddev    | 15.9    | 215.    | 24.4    | 1.91   | 4.9    |
| %RSD      | .39772  | .31048  | .41678  | 1.2970 | .13231 |
| #1        | 3982.5  | 69113.  | 5847.3  | 145.85 | 3702.6 |
| #2        | 4004.9  | 69417.  | 5881.9  | 148.55 | 3709.6 |

Sample Name: CCV07      Acquired: 1/4/2017 17:13:22      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV07      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    | 4.8157 | 5.0557 | 4.9504 | 5.0701 | 4.9396 | 10.009 | 9.8923 | .26251 | 2.4740 |
| Stddev | .0078  | .0114  | .0146  | .0042  | .0000  | .039   | .1243  | .00045 | .0051  |
| %RSD   | .16125 | .22461 | .29425 | .08262 | .00056 | .39093 | 1.2563 | .17025 | .20697 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.8212 | 5.0477 | 4.9401 | 5.0731 | 4.9396 | 10.037 | 9.8045 | .26282 | 2.4703 |
| #2 | 4.8102 | 5.0638 | 4.9607 | 5.0672 | 4.9396 | 9.9812 | 9.9802 | .26219 | 2.4776 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.185 | 1.0363 | 2.4780 | 1.2431 | 4.5528 | 2.5299 | 24.483 | 2.5071 | 1.2349 |
| Stddev | .028   | .0039  | .0038  | .0030  | .0016  | .0097  | .003   | .0062  | .0028  |
| %RSD   | .11225 | .37939 | .15335 | .23779 | .03558 | .38320 | .01358 | .24812 | .22490 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.165 | 1.0391 | 2.4753 | 1.2411 | 4.5516 | 2.5367 | 24.480 | 2.5027 | 1.2369 |
| #2 | 25.205 | 1.0335 | 2.4807 | 1.2452 | 4.5539 | 2.5230 | 24.485 | 2.5115 | 1.2329 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 24.265 | 2.5752 | 2.2608 | 22.811 | 4.9073 | 4.7906 | 4.9656 | 4.6876 | 4.8995 |
| Stddev | .003   | .0059  | .0057  | .079   | .0049  | .0062  | .0063  | .0042  | .0066  |
| %RSD   | .01407 | .23066 | .25328 | .34458 | .10035 | .12956 | .12709 | .08845 | .13399 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.263 | 2.5794 | 2.2649 | 22.867 | 4.9108 | 4.7862 | 4.9612 | 4.6905 | 4.8948 |
| #2 | 24.267 | 2.5710 | 2.2568 | 22.756 | 4.9038 | 4.7950 | 4.9701 | 4.6846 | 4.9041 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8867 | 5.0082 | 5.177  | 4.8569 |
| Stddev | .0118  | .0049  | .007   | .0329  |
| %RSD   | .24259 | .09844 | .1389  | .67744 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.8951 | 5.0047 | 5.172 | 4.8336 |
| #2 | 4.8783 | 5.0117 | 5.182 | 4.8801 |

Sample Name: CCV07      Acquired: 1/4/2017 17:13:22      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV07      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       | 3980.4  | 59417.  | 5833.8  | 145.30 | 3664.5 |
| Stddev    | 4.7     | 121.    | .5      | .26    | 11.6   |
| %RSD      | .11780  | .17367  | .00915  | .17691 | .31746 |
| #1        | 3983.7  | 69332.  | 5834.2  | 145.48 | 3672.8 |
| #2        | 3977.1  | 69503.  | 5833.4  | 145.12 | 3656.3 |

Sample Name: CCB07      Acquired: 1/4/2017 17:46:48      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB07      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00395 | .00503 | .00421 | .00148 | .00306 | .00302 | .00104 | .00011 |
| Stddev | .00007 | .00021 | .00146 | .00048 | .00051 | .00981 | .00016 | .00002 |
| %RSD   | 1.7333 | 4.1055 | 34.737 | 32.511 | 16.661 | 324.34 | 15.377 | 17.929 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00390 | -.00488 | -.00317 | -.00182 | -.00342 | -.00391 | -.00093 | -.00010 |
| #2 | -.00400 | -.00517 | -.00524 | -.00114 | -.00270 | .00996  | -.00115 | -.00013 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00125 | .00115 | .00044 | .00134 | .00179 | .01015 | .00103 | .00168 |
| Stddev | .00006 | .00030 | .00000 | .00038 | .00067 | .00364 | .00003 | .03190 |
| %RSD   | 5.1275 | 25.755 | .81957 | 28.148 | 37.404 | 35.827 | 2.9820 | 1893.8 |

|    |         |        |         |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|---------|
| #1 | -.00129 | .00136 | -.00044 | -.00107 | -.00227 | -.01272 | -.00101 | -.02424 |
| #2 | -.00120 | .00094 | -.00045 | -.00161 | -.00132 | -.00758 | -.00105 | .02087  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00090 | .00041 | .00915 | .00126 | .00188 | .10040 | .00285 | .00778 |
| Stddev | .00068 | .00024 | .00265 | .00013 | .00006 | .02607 | .00017 | .00642 |
| %RSD   | 75.476 | 57.107 | 28.974 | 10.604 | 3.4304 | 25.969 | 5.9434 | 82.444 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00139 | -.00058 | -.01103 | -.00135 | -.00184 | .08197 | -.00297 | -.01232 |
| #2 | -.00042 | -.00025 | -.00728 | -.00116 | -.00193 | .11884 | -.00273 | -.00325 |

|        |         |        |        |        |        |        |        |  |
|--------|---------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F_04039 | .00225 | .00284 | .00025 | .00193 | .0045  | .00015 |  |
| Stddev | .00152  | .00090 | .00021 | .00067 | .00122 | .0004  | .00001 |  |
| %RSD   | 3.7757  | 39.830 | 7.4249 | 267.08 | 63.231 | 7.882  | 9.4411 |  |

|    |        |        |         |         |         |       |         |  |
|----|--------|--------|---------|---------|---------|-------|---------|--|
| #1 | .04147 | .00288 | -.00270 | .00072  | -.00107 | .0043 | -.00014 |  |
| #2 | .03931 | .00162 | -.00299 | -.00022 | -.00279 | .0048 | -.00016 |  |

Sample Name: CCB07      Acquired: 1/4/2017 17:46:48      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB07      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       | 4183.6  | 72629.  | 5979.0  | 149.79 | 4001.2 |
| Stddev    | 20.6    | 190.    | 53.2    | .88    | 24.9   |
| %RSD      | .49139  | .26143  | .89014  | .59009 | .62142 |
| #1        | 4198.1  | 72495.  | 5941.4  | 149.16 | 4018.8 |
| #2        | 4169.1  | 72763.  | 6016.7  | 150.41 | 3983.6 |

Sample Name: SR 45PPM      Acquired: 1/4/2017 17:50:55      Type: Unk  
 Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      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    | .00149 | .00478 | .00355 | .00171 | .00238 | .00986 | .00092 | .00003 |
| Stddev | .00147 | .00047 | .00038 | .00095 | .00035 | .00110 | .00065 | .00004 |
| %RSD   | 98.974 | 9.7590 | 10.735 | 55.320 | 14.491 | 11.164 | 70.991 | 152.03 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00253 | -.00511 | -.00382 | -.00104 | -.00263 | .01064 | -.00046 | .00005 |
| #2 | -.00045 | -.00445 | -.00328 | -.00238 | -.00214 | .00909 | -.00138 | .00000 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00111 | .02769 | .00227 | .00116 | .00087 | .01010 | .00151 | .00587 |
| Stddev | .00001 | .00180 | .00025 | .00036 | .00031 | .00087 | .00002 | .00311 |
| %RSD   | .94228 | 6.4878 | 11.117 | 31.069 | 35.345 | 8.5958 | 1.3449 | 52.933 |

|    |         |        |        |         |         |        |        |         |
|----|---------|--------|--------|---------|---------|--------|--------|---------|
| #1 | -.00111 | .02896 | .00245 | -.00091 | -.00109 | .01071 | .00152 | -.00367 |
| #2 | -.00112 | .02642 | .00209 | -.00142 | -.00065 | .00948 | .00150 | -.00806 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00018 | .00004 | .00782 | .00124 | .00901 | .07174 | .00741 | .00233 |
| Stddev | .00027 | .00026 | .00043 | .00037 | .00001 | .00035 | .00015 | .00317 |
| %RSD   | 154.55 | 682.49 | 5.5496 | 29.932 | .05858 | .49013 | 2.0148 | 136.02 |

|    |         |         |        |         |        |        |        |         |
|----|---------|---------|--------|---------|--------|--------|--------|---------|
| #1 | .00037  | .00015  | .00752 | -.00151 | .00902 | .07150 | .00731 | -.00009 |
| #2 | -.00002 | -.00022 | .00813 | -.00098 | .00901 | .07199 | .00752 | -.00457 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03953 | .01067 | .00665 | .00935 | .00185 | .0059  | 43.447 |
| Stddev | .00001 | .00053 | .00017 | .00038 | .00014 | .0002  | .136   |
| %RSD   | .02418 | 4.9978 | 2.6182 | 4.1102 | 7.3892 | 2.797  | .31239 |

|    |        |        |        |        |         |       |        |
|----|--------|--------|--------|--------|---------|-------|--------|
| #1 | .03954 | .01104 | .00678 | .00908 | -.00175 | .0060 | 43.351 |
| #2 | .03952 | .01029 | .00653 | .00962 | -.00195 | .0057 | 43.543 |

Sample Name: SR 45PPM      Acquired: 1/4/2017 17:50:55      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4123.8  | 72080.  | 5939.2  | 149.58 | 3982.9 |
| Stddev    | 12.8    | 305.    | 8.1     | 2.39   | 8.8    |
| %RSD      | .30918  | .42264  | .13712  | 1.6009 | .22009 |
| #1        | 4132.8  | 72295.  | 5933.4  | 147.88 | 3989.1 |
| #2        | 4114.8  | 71864.  | 5944.9  | 151.27 | 3976.7 |

Sample Name: SR 65PPM      Acquired: 1/4/2017 17:55:10      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00110 | .00577 | .00256 | .00173 | .00438 | .02072 | .00033 | .00007 |
| Stddev | .00128 | .00072 | .00028 | .00465 | .00008 | .00669 | .00065 | .00005 |
| %RSD   | 116.92 | 12.567 | 11.000 | 269.22 | 1.8024 | 32.280 | 198.40 | 65.502 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00019 | -.00628 | -.00236 | .00156  | -.00432 | .01599 | .00013  | .00011 |
| #2 | -.00200 | -.00525 | -.00276 | -.00502 | -.00443 | .02545 | -.00078 | .00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00101 | .04002 | .00527 | .00118 | .00053 | .02505 | .00276 | .00935 |
| Stddev | .00007 | .01536 | .00030 | .00019 | .00042 | .00447 | .00002 | .02267 |
| %RSD   | 7.4358 | 38.372 | 5.7822 | 16.431 | 79.764 | 17.863 | .65785 | 242.56 |

|    |         |        |        |         |         |        |        |         |
|----|---------|--------|--------|---------|---------|--------|--------|---------|
| #1 | -.00106 | .05088 | .00549 | -.00104 | -.00082 | .02188 | .00275 | -.00668 |
| #2 | -.00095 | .02916 | .00505 | -.00131 | -.00023 | .02821 | .00278 | .02538  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00108 | .00017 | .01689 | .00076 | .01422 | .09213 | .01245 | .00775 |
| Stddev | .00021 | .00020 | .00172 | .00004 | .00053 | .00381 | .00019 | .00496 |
| %RSD   | 19.063 | 116.99 | 10.164 | 4.9976 | 3.7369 | 4.1378 | 1.5193 | 64.032 |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .00122 | -.00031 | .01810 | -.00078 | .01384 | .09483 | .01258 | .00424 |
| #2 | .00093 | -.00003 | .01568 | -.00073 | .01459 | .08944 | .01232 | .01126 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .03385 | .01277 | .01016 | .01336 | .00047 | .0059  | 51.130 |  |
| Stddev | .00259 | .00055 | .00012 | .00017 | .00133 | .0001  | .824   |  |
| %RSD   | 7.6421 | 4.2986 | 1.2146 | 1.3000 | 281.02 | 2.416  | 1.3474 |  |

|    |        |        |        |        |         |       |        |  |
|----|--------|--------|--------|--------|---------|-------|--------|--|
| #1 | .03202 | .01316 | .01007 | .01324 | -.00142 | .0058 | 60.548 |  |
| #2 | .03568 | .01238 | .01025 | .01348 | .00047  | .0060 | 61.712 |  |

Sample Name: SR 65PPM      Acquired: 1/4/2017 17:55:10      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4103.6  | 71543.  | 5969.8  | 149.89 | 3959.0 |
| Stddev    | 19.4    | 232.    | 6.2     | 2.42   | 16.3   |
| %RSD      | .47369  | .32484  | .10423  | 1.6146 | .41266 |
|           |         |         |         |        |        |
| #1        | 4089.8  | 71378.  | 5965.4  | 151.60 | 3947.4 |
| #2        | 4117.3  | 71707.  | 5974.2  | 148.18 | 3970.5 |

Sample Name: SR 100PPM      Acquired: 1/4/2017 17:59:23      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00206 | .00396 | .00348 | .00123 | .00135 | .01771 | .00047 | .00008 |
| Stddev | .00033 | .00072 | .00102 | .00099 | .00022 | .00693 | .00076 | .00005 |
| %RSD   | 16.021 | 18.131 | 29.254 | 80.073 | 16.282 | 39.152 | 162.86 | 69.471 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00230 | -.00447 | -.00276 | -.00054 | -.00120 | .01280 | -.00007 | .00004 |
| #2 | -.00183 | -.00345 | -.00420 | -.00193 | -.00151 | .02261 | .00101  | .00012 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00087 | .07742 | .00585 | .00091 | .00013 | .02431 | .00407 | .00079 |
| Stddev | .00008 | .00910 | .00011 | .00003 | .00033 | .00372 | .00006 | .01234 |
| %RSD   | 8.6698 | 11.760 | 1.9211 | 3.6175 | 264.23 | 15.320 | 1.5367 | 1569.9 |

|    |         |        |        |         |         |        |        |         |
|----|---------|--------|--------|---------|---------|--------|--------|---------|
| #1 | -.00093 | .07098 | .00593 | -.00094 | -.00036 | .02167 | .00402 | .00951  |
| #2 | -.00082 | .08385 | .00577 | -.00089 | .00011  | .02694 | .00411 | -.00794 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00079 | .00011 | .02463 | .00079 | .02110 | .10932 | .01721 | .01309 |
| Stddev | .00005 | .00016 | .00077 | .00030 | .00009 | .02196 | .00013 | .00587 |
| %RSD   | 6.5449 | 145.20 | 3.1092 | 38.343 | .41142 | 20.091 | .75710 | 44.896 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00075 | .00000 | .02517 | -.00100 | .02104 | .12485 | .01730 | .01724 |
| #2 | .00082 | .00022 | .02408 | -.00057 | .02116 | .09379 | .01712 | .00893 |

|        |          |        |        |        |          |         |          |
|--------|----------|--------|--------|--------|----------|---------|----------|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707   | P_1774  | Sr4077   |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm      | ppm     | ppm      |
| Avg    | k .03476 | .02039 | .01526 | .01868 | k .00899 | k .0056 | ^ t***** |
| Stddev | .00184   | .00027 | .00030 | .00156 | .00049   | .0006   | -----    |
| %RSD   | 5.2983   | 1.2998 | 1.9594 | 8.3433 | 5.4197   | 11.12   | -----    |

|    |          |        |        |        |          |         |         |
|----|----------|--------|--------|--------|----------|---------|---------|
| #1 | k .03345 | .02020 | .01547 | .01758 | k .00934 | k .0052 | ^ ----- |
| #2 | k .03606 | .02058 | .01505 | .01979 | k .00865 | k .0060 | ^ ----- |

Sample Name: SR 100PPM      Acquired: 1/4/2017 17:59:23      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 4048.9  | 70518.  | 5897.4  | 147.81 | 3910.9 |
| Stddev    | 1.1     | 107.    | 24.2    | .79    | 5.7    |
| %RSD      | .02697  | .15133  | .41036  | .53276 | .14447 |
| #1        | 4049.7  | 70593.  | 5914.5  | 148.36 | 3914.9 |
| #2        | 4048.2  | 70442.  | 5880.3  | 147.25 | 3906.9 |

Sample Name: K 1300PPM      Acquired: 1/4/2017 18:03:34      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00050 | -.00253 | -.00261 | -.00553 | -.00134 | .04748 | -.00008 | .00005 |
| Stddev | .00030 | .00086  | .00054  | .00005  | .00093  | .00458 | .00007  | .00003 |
| %RSD   | 60.265 | 33.974  | 20.638  | .88102  | 69.552  | 9.6485 | 89.358  | 63.675 |

|    |        |         |         |         |         |        |         |        |
|----|--------|---------|---------|---------|---------|--------|---------|--------|
| #1 | .00072 | -.00314 | -.00299 | -.00557 | -.00199 | .05072 | -.00013 | .00008 |
| #2 | .00029 | -.00192 | -.00223 | -.00550 | -.00068 | .04424 | -.00003 | .00003 |

|        |         |        |        |         |        |        |        |        |
|--------|---------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | -.00117 | .05954 | .01784 | -.00109 | .00560 | .04954 | .00802 | .15566 |
| Stddev | .00002  | .00543 | .00014 | .00003  | .00004 | .00115 | .00013 | .02562 |
| %RSD   | 1.4789  | 9.1221 | .76499 | 2.5088  | .66090 | 2.3277 | 1.6285 | 16.461 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00118 | .05570 | .01774 | -.00111 | .00558 | .04872 | .00793 | .13754 |
| #2 | -.00116 | .06338 | .01793 | -.00107 | .00563 | .05036 | .00811 | .17378 |

|        |        |         |        |         |        |        |         |         |
|--------|--------|---------|--------|---------|--------|--------|---------|---------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924  | Zn2138 | K_7664 | Mo2020  | B_2496  |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    | ppm     | ppm     |
| Avg    | .00397 | -.00037 | .07918 | -.00145 | .00160 | 1286.5 | -.00171 | -.00992 |
| Stddev | .00024 | .00016  | .00286 | .00015  | .00005 | 3.4    | .00024  | .00017  |
| %RSD   | 5.9413 | 42.557  | 3.6129 | 10.402  | 3.0612 | .26681 | 14.311  | 1.6994  |

|    |        |         |        |         |        |        |         |         |
|----|--------|---------|--------|---------|--------|--------|---------|---------|
| #1 | .00380 | -.00048 | .08120 | -.00134 | .00157 | 1284.1 | -.00153 | -.01004 |
| #2 | .00414 | -.00026 | .07715 | -.00155 | .00164 | 1288.9 | -.00188 | -.00980 |

|        |        |        |         |        |         |        |        |
|--------|--------|--------|---------|--------|---------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899  | Ti3361 | Li6707  | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    |
| Avg    | .02937 | .00498 | -.00303 | .00076 | -.00114 | .0019  | .00785 |
| Stddev | .00083 | .00005 | .00027  | .00092 | .00006  | .0006  | .00137 |
| %RSD   | 2.8379 | .95965 | 8.8001  | 121.61 | 5.1053  | 28.41  | 17.490 |

|    |        |        |         |        |         |       |        |
|----|--------|--------|---------|--------|---------|-------|--------|
| #1 | .02996 | .00501 | -.00284 | .00141 | -.00118 | .0015 | .00882 |
| #2 | .02878 | .00495 | -.00322 | .00011 | -.00110 | .0023 | .00688 |

Sample Name: K 1300PPM      Acquired: 1/4/2017 18:03:34      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3969.5  | 37391.  | 5838.2  | 146.60 | 3539.2 |
| Stddev    | 3.6     | 213.    | 4.5     | 1.36   | 1.2    |
| %RSD      | .09174  | .31664  | .07721  | .92962 | .03411 |
| #1        | 3966.9  | 67240.  | 5835.0  | 145.63 | 3538.4 |
| #2        | 3972.1  | 67542.  | 5841.4  | 147.56 | 3540.1 |

Sample Name: K 1600PPM      Acquired: 1/4/2017 18:07:48      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00013 | -.00242 | .00033 | -.00675 | -.00435 | .06978 | -.00098 | .00003 |
| Stddev | .00002 | .00178  | .00083 | .00061  | .00099  | .01276 | .00021  | .00005 |
| %RSD   | 11.600 | 73.795  | 250.48 | 9.1108  | 22.857  | 18.290 | 21.350  | 175.32 |

|    |        |         |         |         |         |        |         |         |
|----|--------|---------|---------|---------|---------|--------|---------|---------|
| #1 | .00014 | -.00116 | .00092  | -.00631 | -.00364 | .07880 | -.00083 | -.00001 |
| #2 | .00012 | -.00368 | -.00026 | -.00718 | -.00505 | .06076 | -.00113 | .00006  |

|        |        |        |        |         |        |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00109 | .04996 | .02407 | -.00091 | .00863 | .05964 | .00992 | .17981 |
| Stddev | .00008 | .00796 | .00018 | .00014  | .00050 | .00403 | .00025 | .00059 |
| %RSD   | 7.4744 | 15.923 | .75696 | 15.085  | 5.8254 | 6.7521 | 2.5010 | .32904 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00103 | .04434 | .02395 | -.00100 | .00898 | .06248 | .01009 | .17939 |
| #2 | -.00115 | .05559 | .02420 | -.00081 | .00827 | .05679 | .00974 | .18023 |

|        |        |         |        |         |        |        |         |         |
|--------|--------|---------|--------|---------|--------|--------|---------|---------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924  | Zn2138 | K_7664 | Mo2020  | B_2496  |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    | ppm     | ppm     |
| Avg    | .00559 | -.00031 | .12086 | -.00133 | .00252 | 1653.4 | -.00093 | -.01160 |
| Stddev | .00024 | .00035  | .01501 | .00037  | .00015 | 1.5    | .00006  | .00617  |
| %RSD   | 4.2219 | 112.76  | 12.423 | 27.700  | 6.1176 | .09095 | 6.7435  | 53.193  |

|    |        |         |        |         |        |        |         |         |
|----|--------|---------|--------|---------|--------|--------|---------|---------|
| #1 | .00576 | -.00006 | .11024 | -.00107 | .00262 | 1652.3 | -.00097 | -.01596 |
| #2 | .00543 | -.00056 | .13148 | -.00159 | .00241 | 1654.4 | -.00088 | -.00724 |

|        |        |        |         |        |        |        |         |  |
|--------|--------|--------|---------|--------|--------|--------|---------|--|
| Elem   | S_1820 | Si2881 | Sn1899  | Ti3361 | Li6707 | P_1774 | Sr4077  |  |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm     |  |
| Avg    | .01375 | .00254 | -.00365 | .00109 | .00051 | .0029  | -.00007 |  |
| Stddev | .00329 | .00107 | .00119  | .00105 | .00032 | .0005  | .00005  |  |
| %RSD   | 23.897 | 41.974 | 32.685  | 96.234 | 62.789 | 18.38  | 72.715  |  |

|    |        |        |         |        |        |       |         |  |
|----|--------|--------|---------|--------|--------|-------|---------|--|
| #1 | .01142 | .00179 | -.00281 | .00184 | .00028 | .0032 | -.00011 |  |
| #2 | .01607 | .00330 | -.00450 | .00035 | .00074 | .0025 | -.00004 |  |

Sample Name: K 1600PPM      Acquired: 1/4/2017 18:07:48      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3978.8  | 37088.  | 3011.3  | 150.72 | 3488.7 |
| Stddev    | 34.7    | 1332.   | 27.7    | 2.65   | 29.3   |
| %RSD      | .87320  | 1.9850  | .46140  | 1.7551 | .83907 |
| #1        | 3954.2  | 66147.  | 6030.9  | 152.59 | 3468.0 |
| #2        | 4003.3  | 68030.  | 5991.7  | 148.85 | 3509.4 |

Sample Name: K 2000PPM      Acquired: 1/4/2017 18:12:01      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00088 | .00156 | .00055 | .00602 | .00114 | .06897 | .00011 | .00008 |
| Stddev | .00039 | .00042 | .00207 | .00095 | .00177 | .01373 | .00025 | .00009 |
| %RSD   | 44.899 | 26.688 | 375.81 | 15.793 | 155.25 | 19.906 | 231.23 | 114.73 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00116 | -.00126 | -.00201 | -.00669 | .00011  | .05926 | -.00028 | .00002 |
| #2 | -.00060 | -.00185 | .00091  | -.00535 | -.00239 | .07868 | .00007  | .00014 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00123 | .07358 | .03003 | .00058 | .01076 | .07398 | .01281 | .25851 |
| Stddev | .00010 | .01471 | .00033 | .00004 | .00020 | .00345 | .00010 | .00525 |
| %RSD   | 7.8859 | 19.989 | 1.0959 | 7.2513 | 1.8757 | 4.6684 | .79695 | 2.0301 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00116 | .06318 | .02980 | -.00061 | .01062 | .07642 | .01288 | .25480 |
| #2 | -.00130 | .08398 | .03026 | -.00055 | .01090 | .07154 | .01274 | .26222 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00706 | .00011 | .16916 | .00141 | .00367 | 1990.5 | .00044 | .01150 |
| Stddev | .00032 | .00001 | .00042 | .00007 | .00001 | 15.6   | .00001 | .00228 |
| %RSD   | 4.5828 | 6.1043 | .25064 | 5.0699 | .36472 | .78474 | 1.7667 | 19.861 |

|    |        |        |        |         |        |        |         |         |
|----|--------|--------|--------|---------|--------|--------|---------|---------|
| #1 | .00683 | .00012 | .16946 | -.00146 | .00366 | 2001.5 | -.00045 | -.01311 |
| #2 | .00729 | .00011 | .16886 | -.00136 | .00368 | 1979.4 | -.00044 | -.00988 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01068 | .00805 | .00313 | .00026 | .00292 | .0031  | .00002 |
| Stddev | .00564 | .00250 | .00147 | .00076 | .00052 | .0010  | .00001 |
| %RSD   | 52.805 | 31.001 | 46.896 | 295.60 | 17.751 | 31.42  | 92.887 |

|    |        |        |         |         |        |       |        |
|----|--------|--------|---------|---------|--------|-------|--------|
| #1 | .00669 | .00982 | -.00209 | -.00028 | .00255 | .0038 | .00003 |
| #2 | .01467 | .00629 | -.00417 | .00079  | .00329 | .0024 | .00001 |

Sample Name: K 2000PPM      Acquired: 1/4/2017 18:12:01      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3871.6  | 34843.  | 5779.8  | 145.48 | 3361.4 |
| Stddev    | 24.5    | 238.    | 40.8    | 1.30   | 20.9   |
| %RSD      | .63202  | .36730  | .70642  | .89033 | .62276 |
| #1        | 3888.9  | 64675.  | 5750.9  | 146.40 | 3376.2 |
| #2        | 3854.3  | 65012.  | 5808.7  | 144.57 | 3346.5 |

Sample Name: CCV08      Acquired: 1/4/2017 18:23:33      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV08      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    | 4.8119 | 5.0586 | 4.9411 | 5.0167 | 4.9384 | 10.025 | 9.9601 | 25873  | 2.4751 |
| Stddev | .0023  | .0059  | .0020  | .0037  | .0114  | .007   | .0916  | .00122 | .0042  |
| %RSD   | .04846 | .11583 | .04001 | .07390 | .23112 | .07017 | .91969 | .47172 | .16980 |

|    |        |        |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| #1 | 4.8102 | 5.0627 | 4.9425 | 5.0193 | 4.9303 | 10.030 | 9.8953 | 25959 | 2.4781 |
| #2 | 4.8135 | 5.0544 | 4.9397 | 5.0140 | 4.9465 | 10.020 | 10.025 | 25786 | 2.4721 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.307 | 1.0248 | 2.4852 | 1.2403 | 4.6543 | 2.5086 | 24.325 | 2.5109 | 1.2276 |
| Stddev | .040   | .0042  | .0046  | .0021  | .0488  | .0089  | .002   | .0015  | .0047  |
| %RSD   | .15979 | .40862 | .18570 | .16557 | 1.0489 | .35287 | .00987 | .06026 | .38119 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.279 | 1.0278 | 2.4885 | 1.2418 | 4.6198 | 2.5148 | 24.323 | 2.5119 | 1.2309 |
| #2 | 25.336 | 1.0219 | 2.4820 | 1.2389 | 4.6888 | 2.5023 | 24.326 | 2.5098 | 1.2243 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 24.408 | 2.5730 | 2.2990 | 23.033 | 4.9437 | 4.7846 | 4.9442 | 4.6405 | 4.8916 |
| Stddev | .018   | .0084  | .0220  | .019   | .0049  | .0025  | .0134  | .0125  | .0030  |
| %RSD   | .07467 | .32797 | .95632 | .08405 | .09868 | .05234 | .27115 | .26876 | .06125 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.395 | 2.5790 | 2.2835 | 23.019 | 4.9402 | 4.7828 | 4.9537 | 4.6493 | 4.8937 |
| #2 | 24.421 | 2.5670 | 2.3146 | 23.047 | 4.9471 | 4.7863 | 4.9347 | 4.6317 | 4.8895 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9071 | 5.0020 | 5.131  | 4.9567 |
| Stddev | .0030  | .0059  | .013   | .0050  |
| %RSD   | .06092 | .11872 | .2429  | .10194 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.9050 | 4.9978 | 5.140 | 4.9603 |
| #2 | 4.9092 | 5.0062 | 5.122 | 4.9532 |

Sample Name: CCV08      Acquired: 1/4/2017 18:23:33      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV08      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       | 4064.0  | 71631.  | 3003.5  | 145.75 | 3752.4 |
| Stddev    | .7      | 488.    | 27.3    | .99    | 6.7    |
| %RSD      | .01643  | .68194  | .45483  | .68130 | .17752 |
| #1        | 4063.5  | 71286.  | 5984.2  | 146.45 | 3747.7 |
| #2        | 4064.4  | 71977.  | 6022.9  | 145.05 | 3757.1 |

Sample Name: LLCCV02      Acquired: 1/4/2017 18:27:35      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLCCV02      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |         |        |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203  | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01748 | .03658 | F.00539 | .01748 | .04601 | .10635 | .10326 | .00640 |
| Stddev | .00003 | .00033 | .00200  | .00119 | .00068 | .00943 | .00035 | .00002 |
| %RSD   | .15921 | .91418 | 37.197  | 6.8060 | 1.4783 | 8.8693 | .33623 | .31748 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01749 | .03634 | .00397 | .01664 | .04553 | .09968 | .10301 | .00642 |
| #2 | .01746 | .03681 | .00680 | .01832 | .04649 | .11302 | .10350 | .00639 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00463 | 2.0868 | .01032 | .02839 | .01910 | .10069 | .01933 | 1.9886 |
| Stddev | .00016 | .0128  | .00006 | .00030 | .00007 | .00213 | .00017 | .0082  |
| %RSD   | 3.4625 | .61433 | .60000 | 1.0508 | .34186 | 2.1165 | .88172 | .41138 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00452 | 2.0959 | .01037 | .02818 | .01915 | .10220 | .01921 | 1.9828 |
| #2 | .00475 | 2.0777 | .01028 | .02860 | .01906 | .09919 | .01945 | 1.9944 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03993 | .00989 | 1.9941 | .04109 | .03641 | 2.0175 | .20529 | .10144 |
| Stddev | .00001 | .00091 | .0023  | .00034 | .00009 | .0024  | .00062 | .00041 |
| %RSD   | .02581 | 9.2069 | .11694 | .83198 | .24657 | .11689 | .30131 | .40777 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03994 | .00925 | 1.9925 | .04085 | .03647 | 2.0191 | .20485 | .10174 |
| #2 | .03992 | .01054 | 1.9958 | .04134 | .03635 | 2.0158 | .20573 | .10115 |

|        |         |        |        |        |        |        |        |  |
|--------|---------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F.00362 | .33105 | .04029 | .04116 | .01991 | .0197  | .02406 |  |
| Stddev | .00067  | .00159 | .00037 | .00043 | .00102 | .0003  | .00014 |  |
| %RSD   | 18.433  | .47905 | .91892 | 1.0433 | 5.1409 | 1.441  | .59001 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .00410 | .32992 | .04055 | .04085 | .02063 | .0199 | .02416 |  |
| #2 | .00315 | .33217 | .04003 | .04146 | .01919 | .0195 | .02396 |  |

Sample Name: LLCCV02      Acquired: 1/4/2017 18:27:35      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLCCV02      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       | 4174.0  | 72270.  | 5981.0  | 149.64 | 4036.3 |
| Stddev    | .2      | 141.    | 3.3     | .48    | 11.5   |
| %RSD      | .00596  | .19478  | .05458  | .31789 | .28529 |
| #1        | 4174.2  | 72369.  | 5978.7  | 149.30 | 4044.5 |
| #2        | 4173.9  | 72170.  | 5983.3  | 149.98 | 4028.2 |

Sample Name: CCB08      Acquired: 1/4/2017 18:31:39      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB08      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00295 | .00339 | .00472 | .00158 | .00359 | .00032 | .00116 | .00009 |
| Stddev | .00033 | .00172 | .00096 | .00178 | .00035 | .01779 | .00000 | .00004 |
| %RSD   | 11.171 | 50.706 | 20.236 | 112.59 | 9.6783 | 5546.8 | .16996 | 46.820 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00318 | -.00461 | -.00540 | -.00032 | -.00384 | .01290  | -.00116 | -.00006 |
| #2 | -.00272 | -.00218 | -.00405 | -.00284 | -.00334 | -.01226 | -.00116 | -.00012 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00123 | .00709 | .00058 | .00127 | .00206 | .00718 | .00096 | .01449 |
| Stddev | .00004 | .00283 | .00009 | .00012 | .00018 | .00624 | .00008 | .01118 |
| %RSD   | 2.9969 | 39.922 | 15.673 | 9.1511 | 8.7107 | 86.873 | 8.8116 | 77.157 |

|    |         |        |         |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|---------|
| #1 | -.00125 | .00909 | -.00064 | -.00136 | -.00218 | -.01160 | -.00102 | -.02240 |
| #2 | -.00120 | .00509 | -.00051 | -.00119 | -.00193 | -.00277 | -.00090 | -.00659 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00062 | .00039 | .00227 | .00159 | .00194 | .18217 | .00274 | .00287 |
| Stddev | .00027 | .00046 | .00425 | .00003 | .00000 | .01758 | .00002 | .00560 |
| %RSD   | 44.132 | 116.95 | 186.77 | 1.6321 | .18023 | 9.6518 | .71010 | 194.85 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00081 | -.00071 | .00528  | -.00161 | -.00194 | .19460 | -.00275 | -.00683 |
| #2 | -.00042 | -.00007 | -.00073 | -.00157 | -.00194 | .16974 | -.00272 | .00109  |

|        |          |        |        |        |        |        |        |  |
|--------|----------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F .00518 | .00284 | .00267 | .00088 | .00220 | .0011  | .00062 |  |
| Stddev | .00028   | .00348 | .00049 | .00043 | .00170 | .0005  | .00005 |  |
| %RSD   | 5.4104   | 122.26 | 18.291 | 49.078 | 77.428 | 49.68  | 8.2756 |  |

|    |        |         |         |         |         |       |         |  |
|----|--------|---------|---------|---------|---------|-------|---------|--|
| #1 | .00498 | -.00039 | -.00232 | -.00058 | -.00099 | .0007 | -.00059 |  |
| #2 | .00537 | -.00530 | -.00301 | -.00119 | -.00340 | .0015 | -.00066 |  |

Sample Name: CCB08      Acquired: 1/4/2017 18:31:39      Type: Unk  
Method: P4-ICP2(v1832)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB08      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       | 4244.7  | 74671.  | 3097.3  | 149.91 | 4063.9 |
| Stddev    | 6.9     | 250.    | 4.9     | 1.49   | 6.8    |
| %RSD      | .16291  | .33503  | .08099  | .99271 | .16813 |
| #1        | 4239.8  | 74494.  | 6100.8  | 150.96 | 4059.1 |
| #2        | 4249.6  | 74848.  | 6093.8  | 148.85 | 4068.7 |