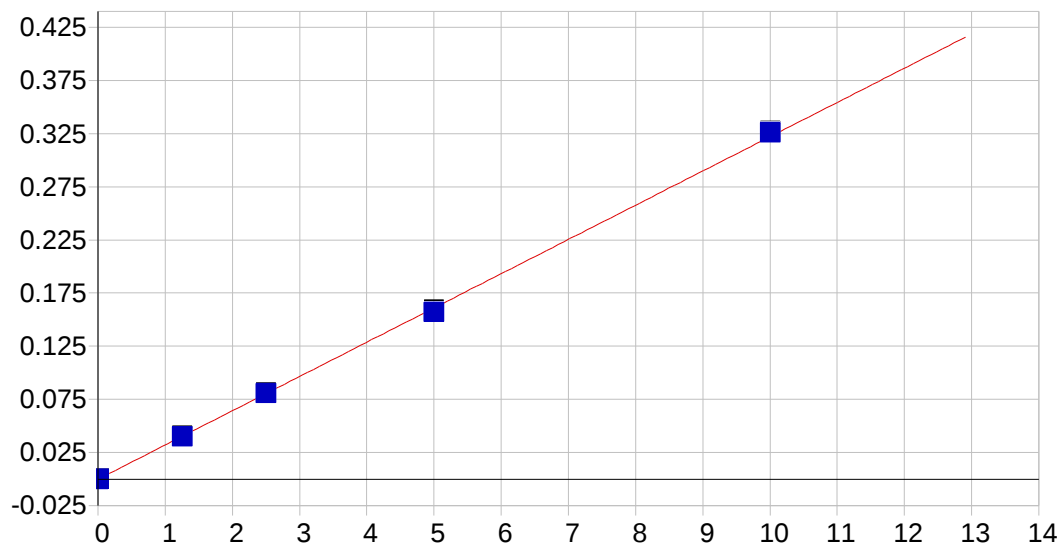


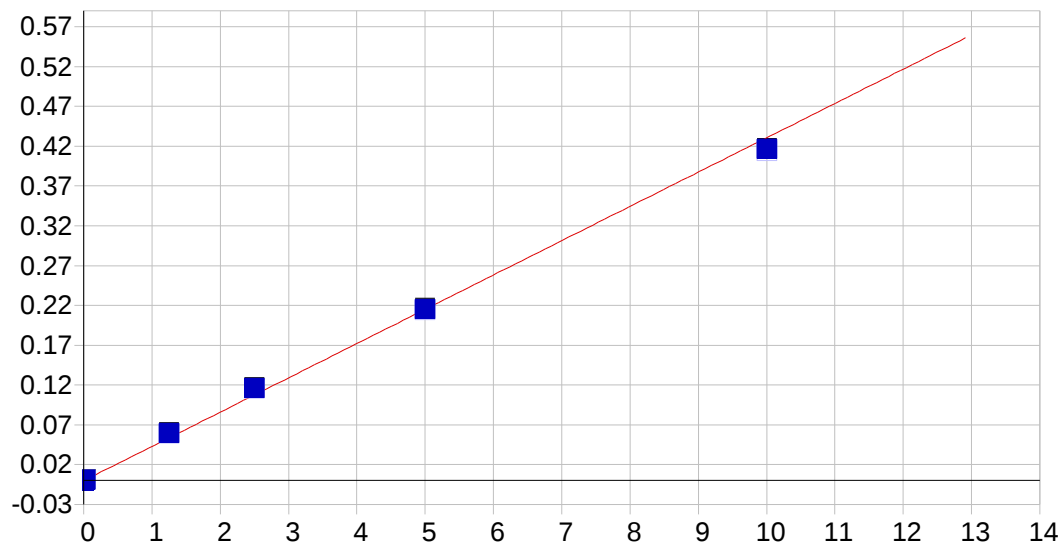


As 189.042 {479}

Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000121 Re-Slope: 1.000000
 A1 (Gain): 0.032223 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999872 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.003126
 Predicted MQL: 0.010421

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.01000	.00883	-.001	-11.7	.00016	.000	1
S2	1.2500	1.2415	-.009	-.684	.03998	.000	1
S3	2.5000	2.5057	.006	.229	.08081	.000	1
S4	5.0000	4.8775	-.122	-2.45	.15743	.002	1
S5	10.000	10.126	.126	1.26	.32695	.001	1

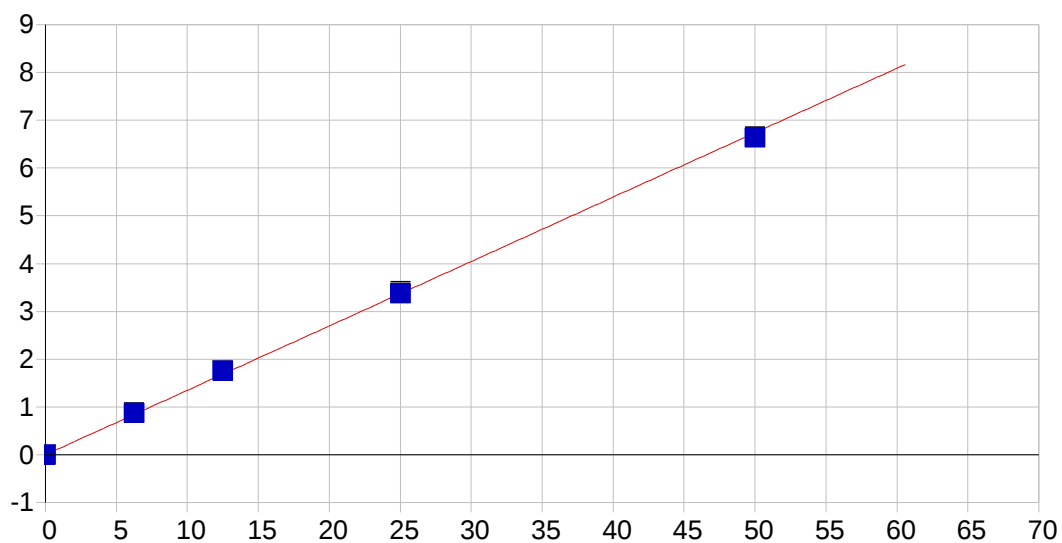


TI 190.856 {477}

Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000209 Re-Slope: 1.000000
 A1 (Gain): 0.043071 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998914 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.002036
 Predicted MQL: 0.006788

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.02500	.02578	.001	3.12	.00089	.000	1
S2	1.2500	1.3843	.134	10.7	.05909	.001	1
S3	2.5000	2.6940	.194	7.76	.11517	.001	1
S4	5.0000	5.0006	.001	.012	.21387	.002	1
S5	10.000	9.6704	-.330	-3.30	.41370	.001	1

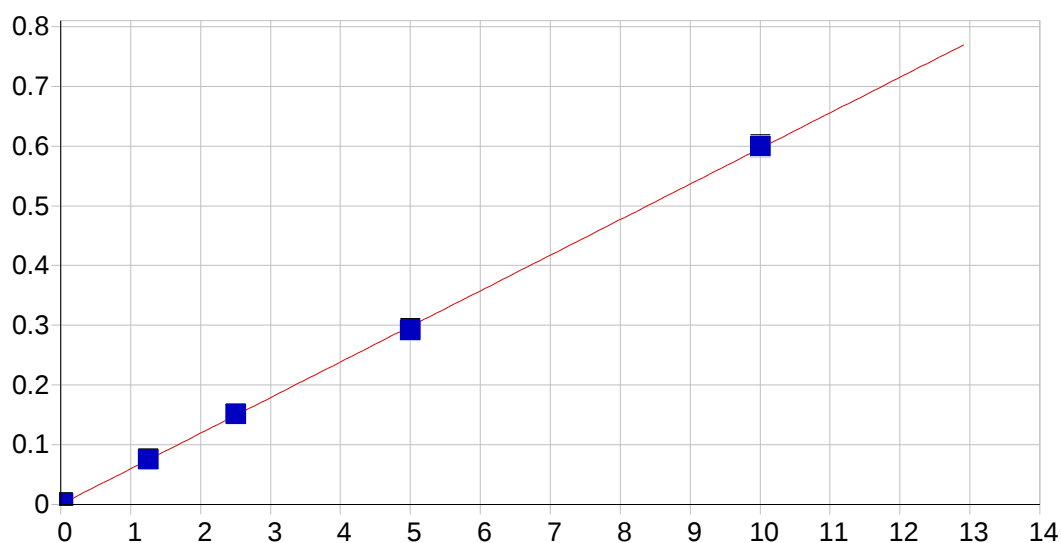


Pb 220.353 {453}

Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000173 Re-Slope: 1.000000
 A1 (Gain): 0.134794 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999775 Status: OK.
 Std Error of Est: 0.000107
 Predicted MDL: 0.001534
 Predicted MQL: 0.005113

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.01000	.01051	.001	5.06	.00125	.000	1
S2	6.2500	6.4978	.248	3.97	.87702	.007	1
S3	12.500	13.008	.508	4.07	1.7559	.006	1
S4	25.000	25.011	.011	.044	3.3764	.039	1
S5	50.000	49.232	-.768	-1.54	6.6466	.010	1

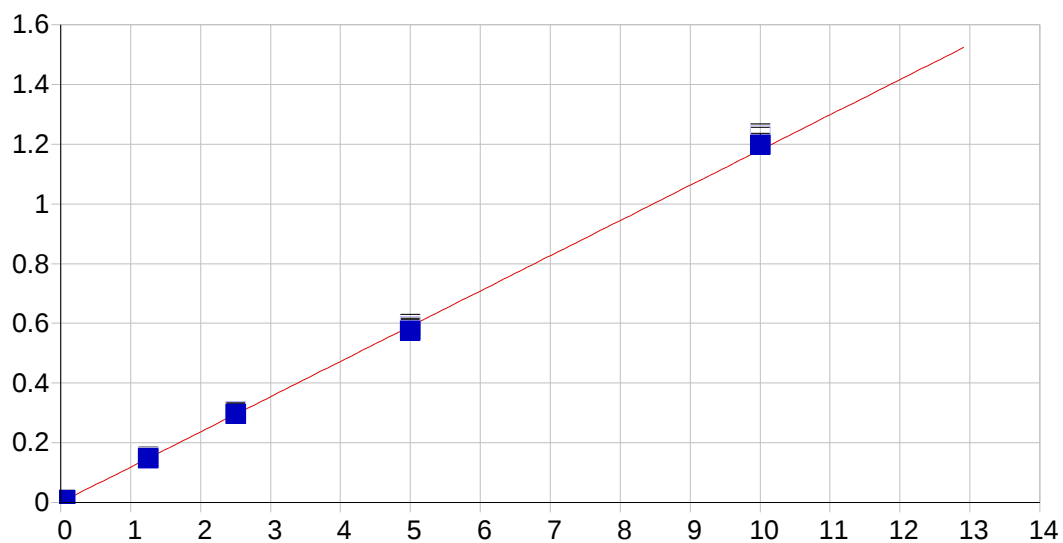


Se 196.090 {472}

Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000210 Re-Slope: 1.000000
 A1 (Gain): 0.059586 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.002711
 Predicted MQL: 0.009038

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.03500	.03279	-.002	-6.33	.00216	.000	1
S2	1.2500	1.2633	.013	1.06	.07514	.001	1
S3	2.5000	2.5318	.032	1.27	.15037	.000	1
S4	5.0000	4.8941	-.106	-2.12	.29044	.003	1
S5	10.000	10.063	.063	.629	.59703	.002	1

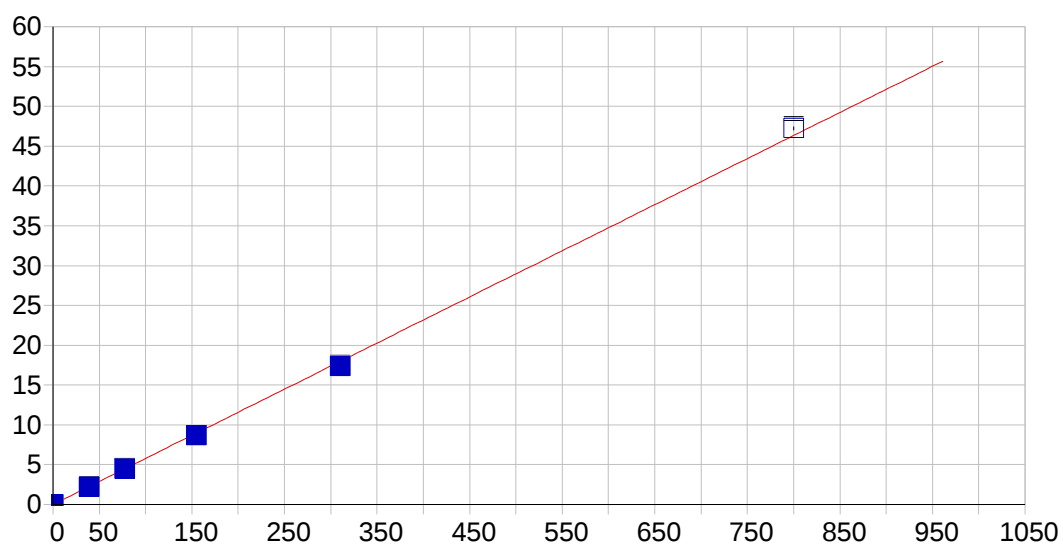


Sb 206.833 {463}

Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000496 Re-Slope: 1.000000
 A1 (Gain): 0.117977 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999846 Status: OK.
 Std Error of Est: 0.000087
 Predicted MDL: 0.001544
 Predicted MQL: 0.005148

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00050	.000	1
S1	.06000	.05589	-.004	-6.86	.00709	.000	1
S2	1.2500	1.2410	-.009	-.721	.15092	.001	1
S3	2.5000	2.5067	.007	.269	.30426	.001	1
S4	5.0000	4.8638	-.136	-2.72	.59038	.006	1
S5	10.000	10.142	.142	1.42	1.2292	.006	1

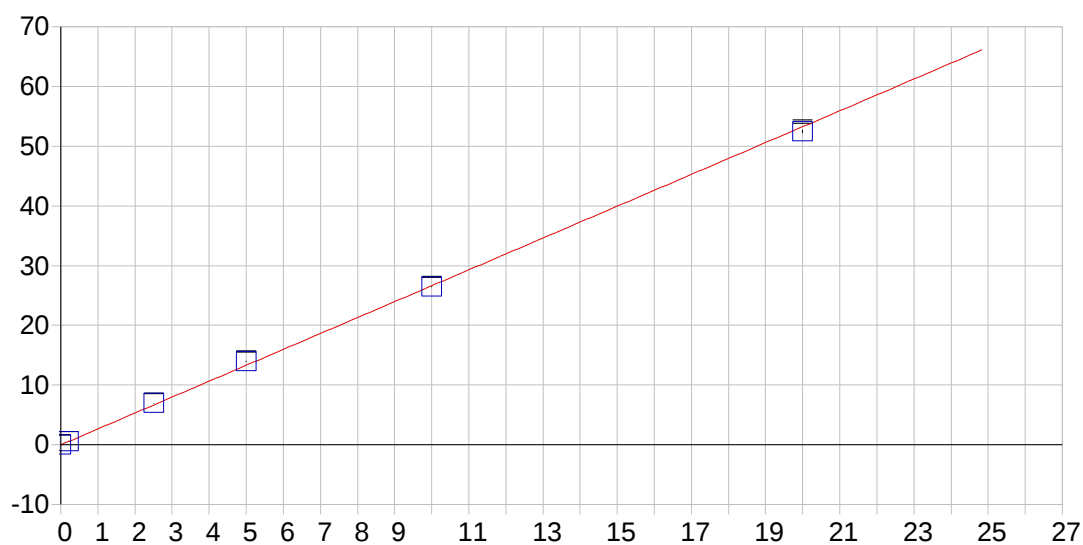


AI 396.152 { 85}

Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000277 Re-Slope: 1.000000
 A1 (Gain): 0.057918 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999708 Status: OK.
 Std Error of Est: 0.000871
 Predicted MDL: 0.008678
 Predicted MQL: 0.028925

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00028	.000	1
S1	.20000	.20271	.003	1.36	.01203	.000	1
S2	38.750	38.367	-.383	-.988	2.2245	.002	1
S3	77.500	77.612	.112	.144	4.4995	.017	1
S4	155.00	149.46	-5.54	-3.57	8.6652	.027	1
S5	310.00	300.28	-9.72	-3.14	17.408	.069	1
S6	800.00	815.54	15.5	1.94	47.234	.262	1



Ba 493.409 { 68}

Date of Fit: 2/23/2018 17:23:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.004458

Re-Slope: 1.000000

A1 (Gain): 2.662871

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999702

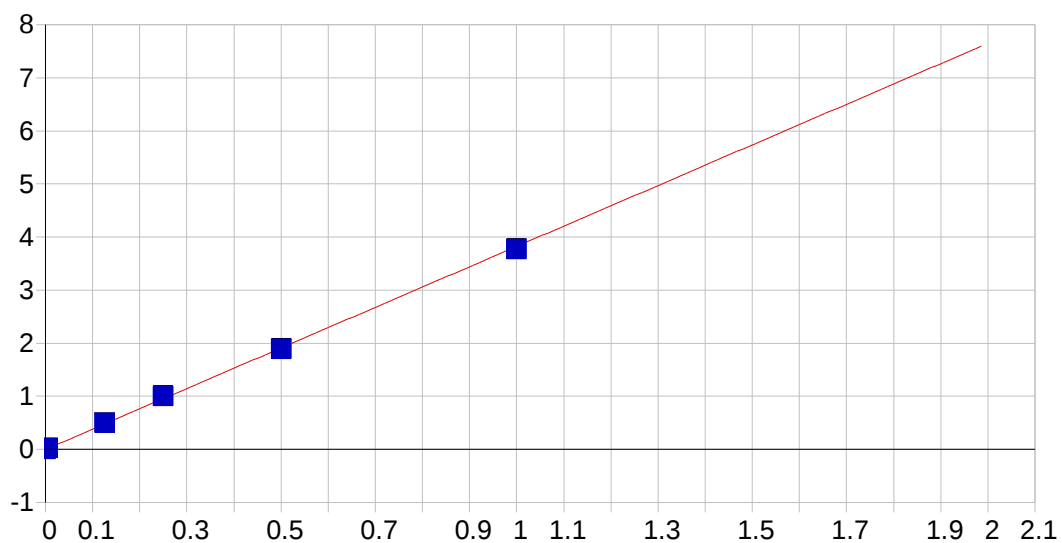
Status: OK.

Std Error of Est: 0.006912

Predicted MDL: 0.000496

Predicted MQL: 0.001654

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.00451	.001	1
S1	.20000	.20382	.004	1.91	.53828	.002	1
S2	2.5000	2.6124	.112	4.50	6.9521	.007	1
S3	5.0000	5.2488	.249	4.98	13.973	.059	1
S4	10.000	9.9379	-.062	-.621	26.459	.073	1
S5	20.000	19.697	-.303	-1.51	52.446	.291	1

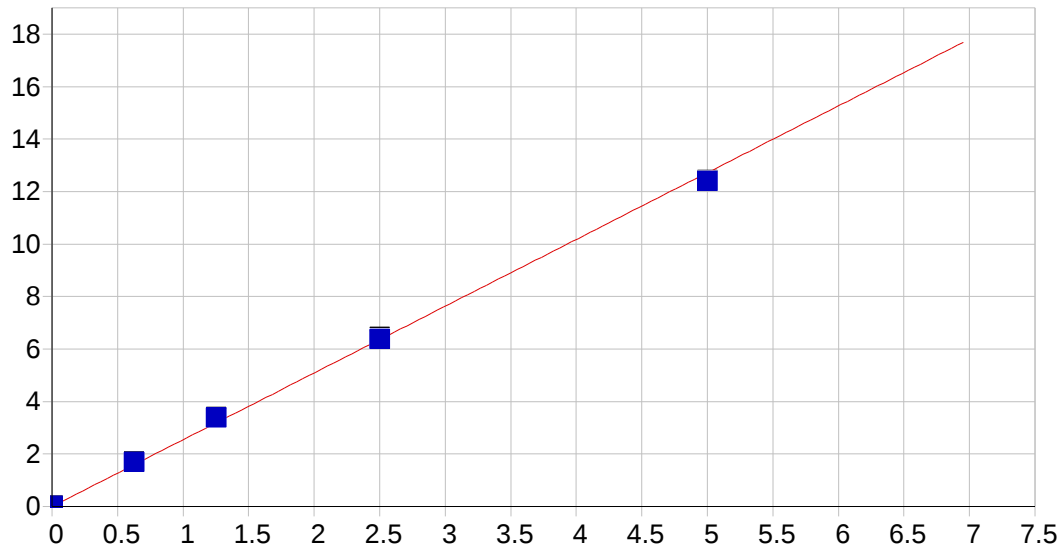


Be 234.861 {144}

Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001248 Re-Slope: 1.000000
 A1 (Gain): 3.824597 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999665 Status: OK.
 Std Error of Est: 0.000370
 Predicted MDL: 0.000068
 Predicted MQL: 0.000226

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00125	.000	1
S1	.00500	.00530	.000	6.00	.01901	.000	1
S2	.12500	.13165	.007	5.32	.50018	.007	1
S3	.25000	.26247	.012	4.99	.99842	.010	1
S4	.50000	.49478	-.005	-1.04	1.8827	.008	1
S5	1.0000	.98579	-.014	-1.42	3.7523	.016	1

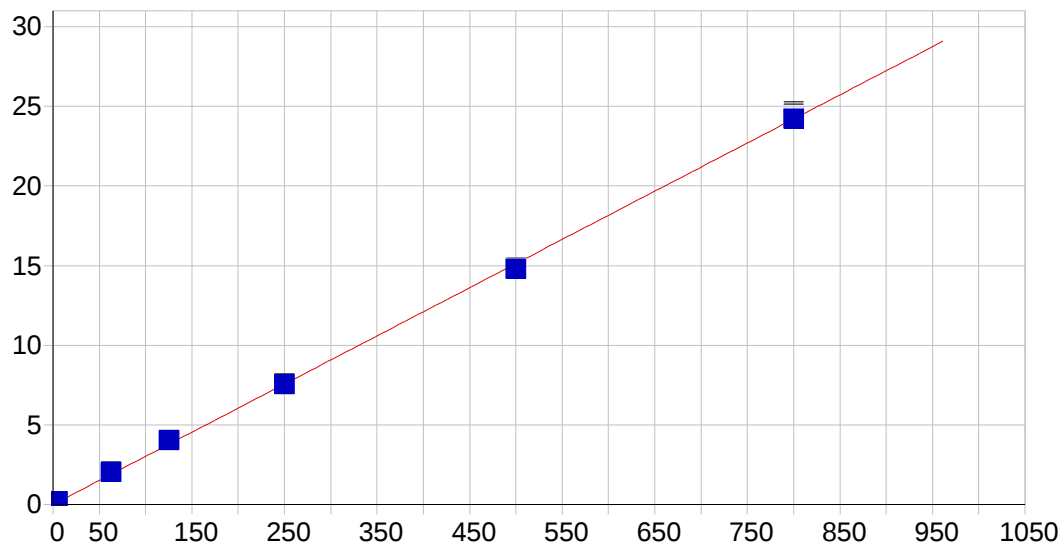


Cd 214.438 {457}

Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000556 Re-Slope: 1.000000
 A1 (Gain): 2.543792 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999416 Status: OK.
 Std Error of Est: 0.000731
 Predicted MDL: 0.000065
 Predicted MQL: 0.000216

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00055	.000	1
S1	.00500	.00506	.000	1.20	.01344	.000	1
S2	.62500	.66756	.043	6.81	1.7020	.012	1
S3	1.2500	1.3282	.078	6.25	3.3857	.013	1
S4	2.5000	2.5059	.006	.238	6.3882	.072	1
S5	5.0000	4.8733	-.127	-2.53	12.423	.007	1



Ca 373.690 { 90}

Date of Fit: 2/23/2018 17:23:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001264

Re-Slope: 1.000000

A1 (Gain): 0.030254

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999702

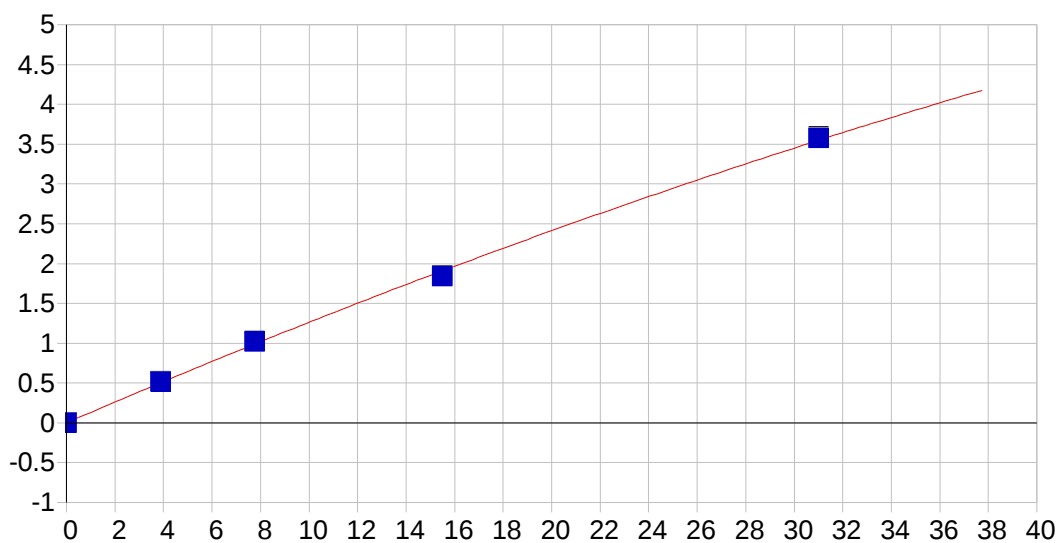
Status: OK.

Std Error of Est: 0.002590

Predicted MDL: 0.012265

Predicted MQL: 0.040884

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00085	-.001	.000	.00124	.000	1
S1	5.0000	5.3246	.325	6.49	.16237	.001	1
S2	62.500	66.916	4.42	7.07	2.0325	.004	1
S3	125.00	132.61	7.61	6.09	4.0266	.011	1
S4	250.00	248.80	-1.20	-.480	7.5555	.023	1
S5	500.00	488.91	-11.1	-2.22	14.847	.014	1
S6	800.00	799.94	-.057	-.007	24.347	.305	1

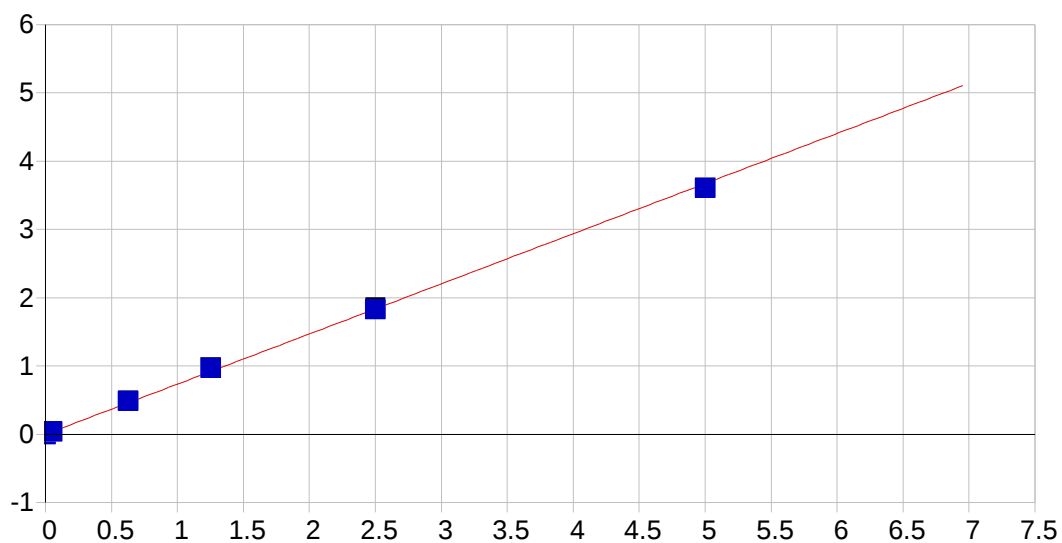


Cr 267.716 {126}

Date of Fit: 2/23/2018 17:23:46 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000029 Re-Slope: 1.000000
 A1 (Gain): 0.131903 Y-int: 0.000000
 A2 (Curvature): -0.000563
 n (Exponent): 1.000000
 Correlation: 0.999701 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.000411
 Predicted MQL: 0.001369

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01000	.01053	.001	5.31	.00142	.000	1
S2	3.8750	3.9747	.100	2.57	.51630	.003	1
S3	7.7500	8.0047	.255	3.29	1.0216	.005	1
S4	15.500	14.896	-.604	-3.90	1.8434	.007	1
S5	31.000	31.261	.261	.842	3.5801	.014	1

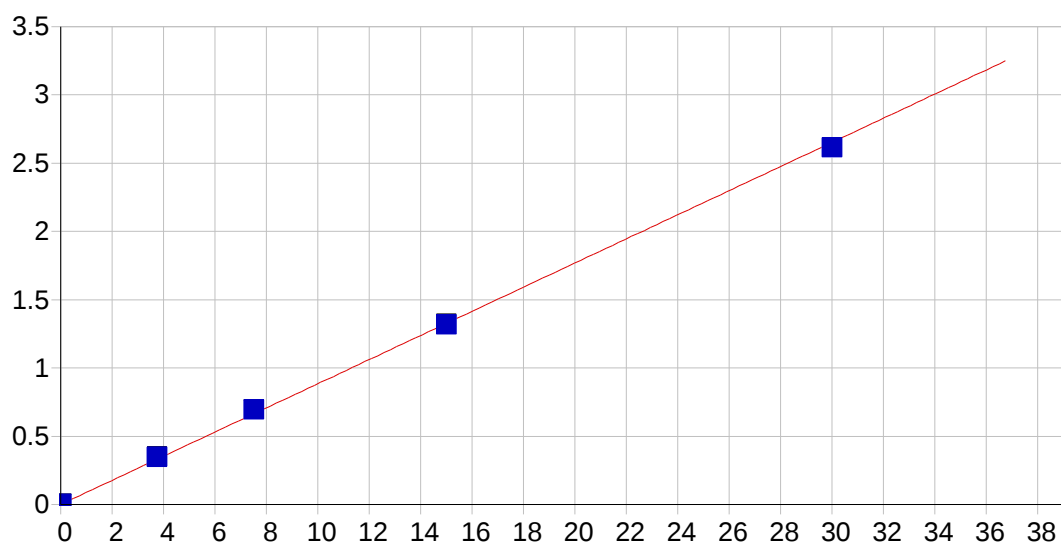


Co 228.616 {448}

Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000366 Re-Slope: 1.000000
 A1 (Gain): 0.734525 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999598 Status: OK.
 Std Error of Est: 0.000554
 Predicted MDL: 0.000222
 Predicted MQL: 0.000740

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00037	.000	1
S1	.05000	.04898	-.001	-2.05	.03574	.001	1
S2	.62500	.65978	.035	5.57	.48517	.004	1
S3	1.2500	1.3199	.070	5.60	.97098	.004	1
S4	2.5000	2.4877	-.012	-.490	1.8306	.021	1
S5	5.0000	4.9086	-.091	-1.83	3.6124	.004	1



Cu 324.754 {104}

Date of Fit: 2/23/2018 17:23:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000326

Re-Slope: 1.000000

A1 (Gain): 0.088411

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999714

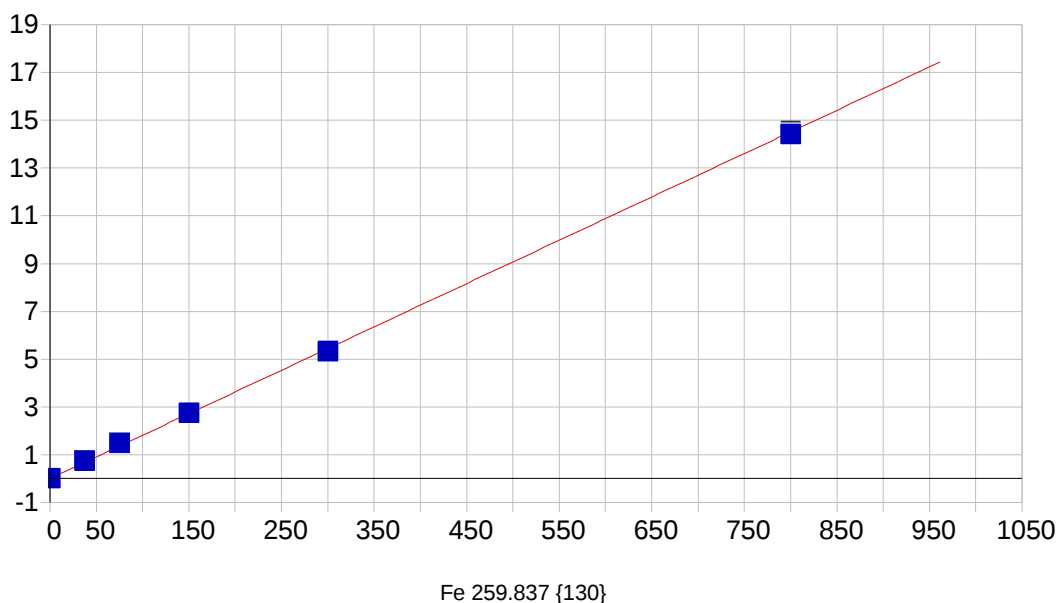
Status: OK.

Std Error of Est: 0.000097

Predicted MDL: 0.002712

Predicted MQL: 0.009040

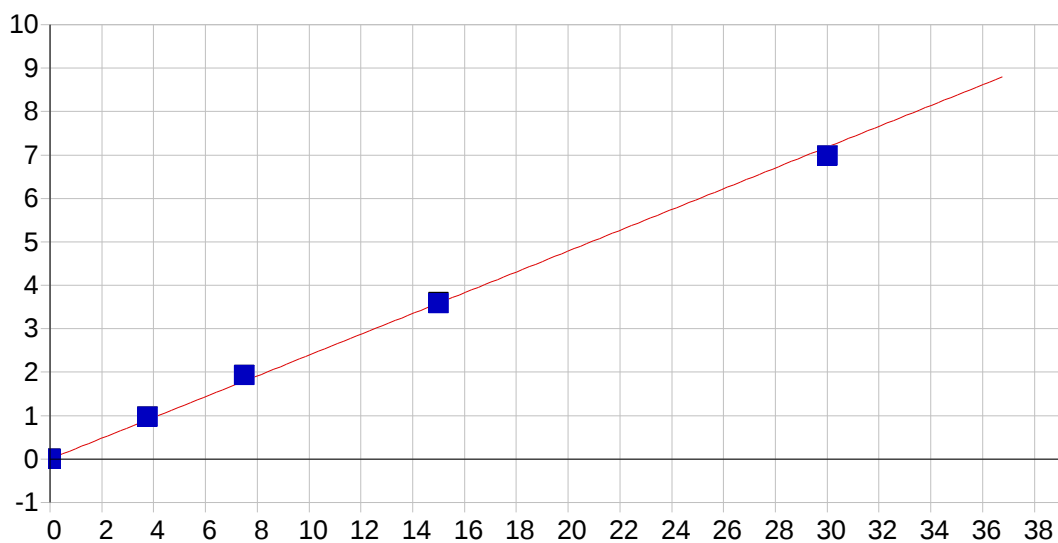
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00033	.000	1
S1	.02500	.02692	.002	7.69	.00270	.000	1
S2	3.7500	3.9279	.178	4.75	.34739	.001	1
S3	7.5000	7.8547	.355	4.73	.69435	.002	1
S4	15.000	14.892	-.108	-.718	1.3161	.005	1
S5	30.000	29.573	-.427	-1.42	2.6133	.001	1



Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000017 Re-Slope: 1.000000
 A1 (Gain): 0.018139 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999565 Status: OK.
 Std Error of Est: 0.000235
 Predicted MDL: 0.008080
 Predicted MQL: 0.026934

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	-.00002	.000	1
S1	.10000	.11332	.013	13.3	.00208	.000	1
S2	37.500	41.286	3.79	10.1	.75253	.001	1
S3	75.000	81.823	6.82	9.10	1.4915	.002	1
S4	150.00	151.47	1.47	.980	2.7621	.012	1
S5	300.00	293.58	-6.42	-2.14	5.3544	.012	1
S6	800.00	794.33	-5.67	-.709	14.474	.071	1

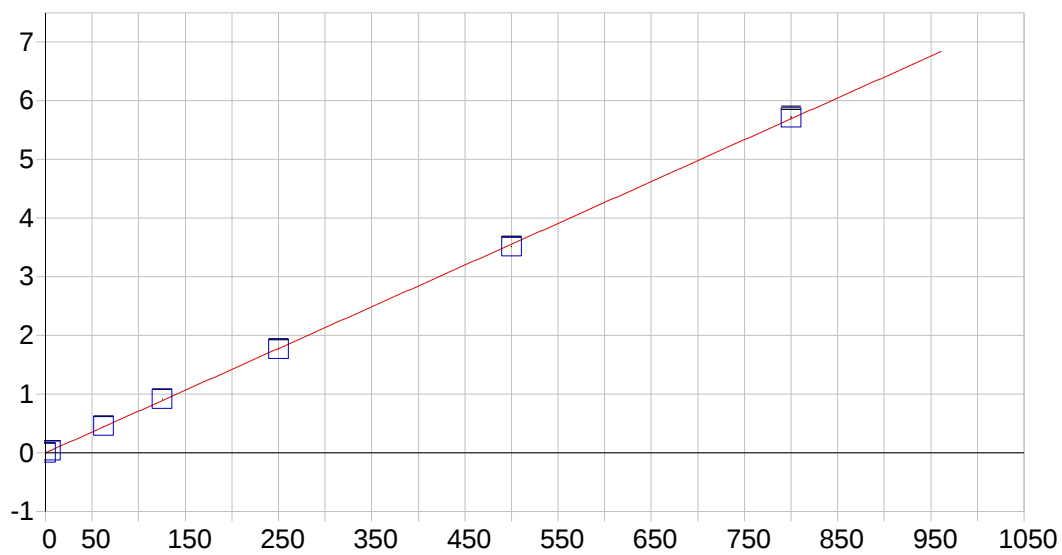


Mn 257.610 {131}

Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000060 Re-Slope: 1.000000
 A1 (Gain): 0.239365 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999198 Status: OK.
 Std Error of Est: 0.000341
 Predicted MDL: 0.000542
 Predicted MQL: 0.001808

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.01500	.01609	.001	7.24	.00391	.000	1
S2	3.7500	4.0595	.310	8.25	.97197	.002	1
S3	7.5000	8.0499	.550	7.33	1.9273	.006	1
S4	15.000	14.996	-.004	-.027	3.5904	.015	1
S5	30.000	29.144	-.856	-2.85	6.9777	.006	1

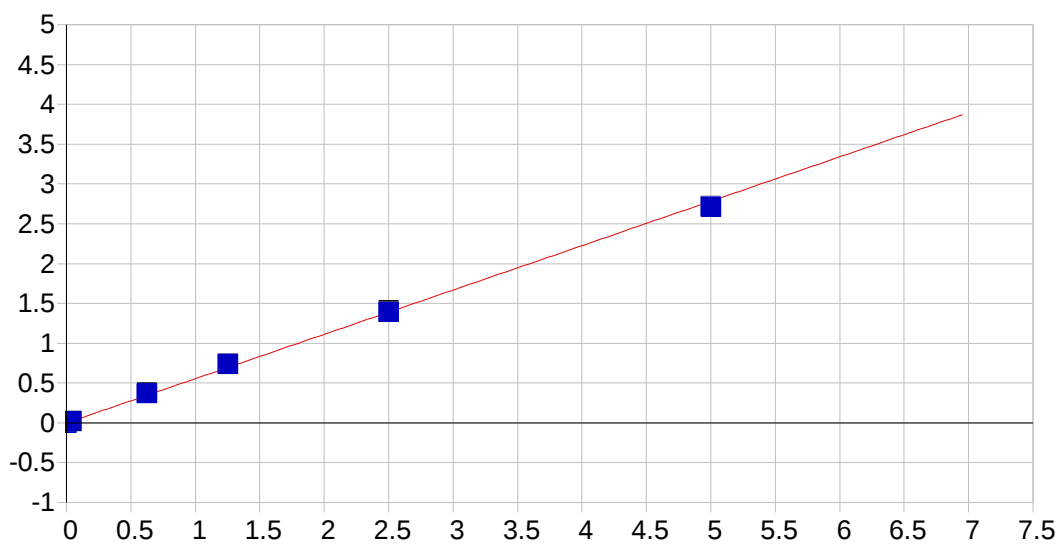


Mg 279.079 {121}

Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000145 Re-Slope: 1.000000
 A1 (Gain): 0.007115 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000281
 Predicted MDL: 0.024544
 Predicted MQL: 0.081812

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00022	.000	.000	-.00015	.000	1
S1	5.0000	5.0504	.050	1.01	.03579	.000	1
S2	62.500	63.860	1.36	2.18	.45424	.001	1
S3	125.00	128.60	3.60	2.88	.91488	.002	1
S4	250.00	247.96	-2.04	-.815	1.7642	.009	1
S5	500.00	494.36	-5.64	-1.13	3.5174	.006	1
S6	800.00	802.66	2.66	.333	5.7111	.027	1

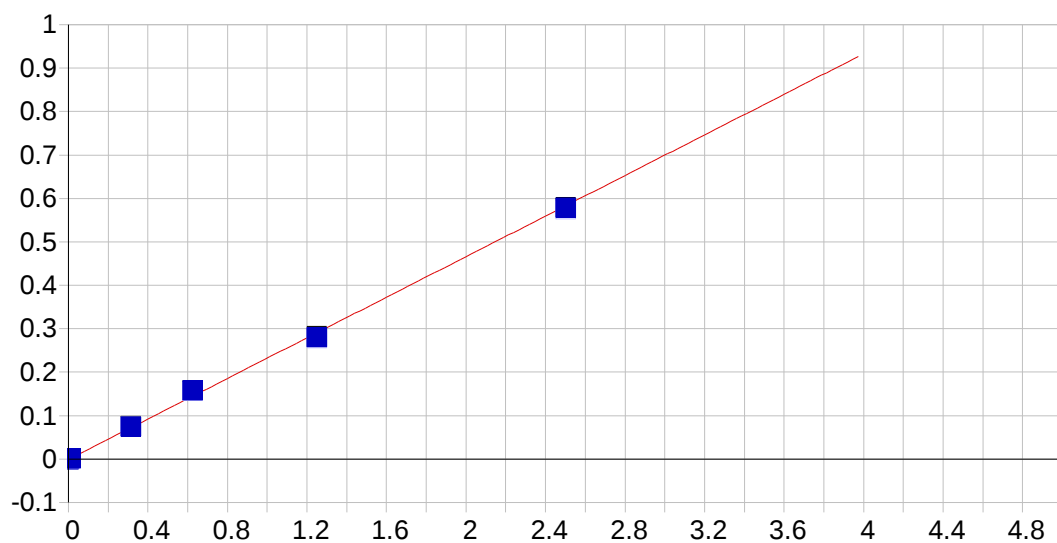


Ni 231.604 {446}

Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001663 Re-Slope: 1.000000
 A1 (Gain): 0.556844 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999389 Status: OK.
 Std Error of Est: 0.000463
 Predicted MDL: 0.000334
 Predicted MQL: 0.001113

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00167	.000	1
S1	.04000	.04126	.001	3.15	.02132	.001	1
S2	.62500	.66975	.045	7.16	.37199	.003	1
S3	1.2500	1.3300	.080	6.40	.74038	.002	1
S4	2.5000	2.5003	.000	.012	1.3935	.015	1
S5	5.0000	4.8737	-.126	-2.53	2.7179	.000	1

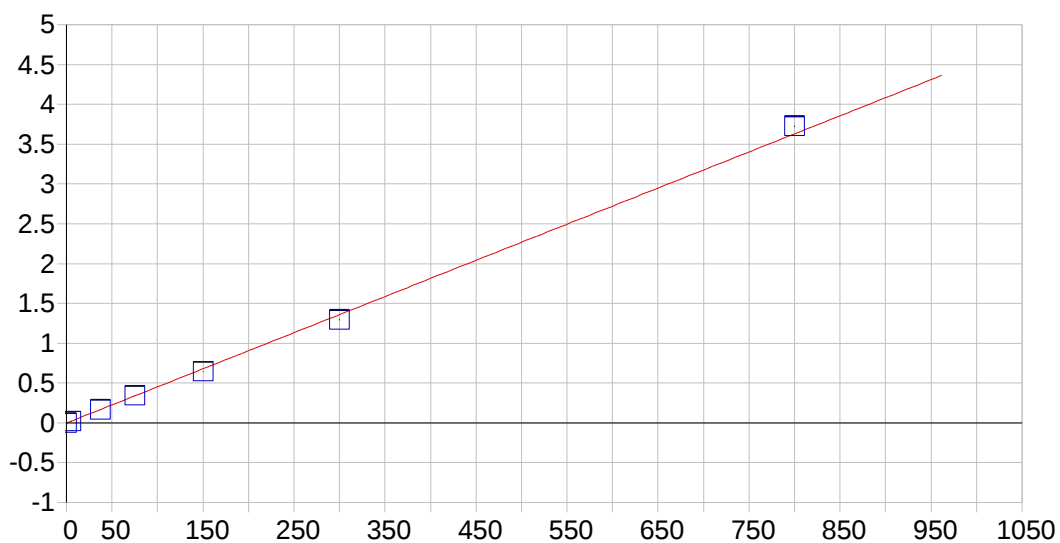


Ag 328.068 {103}

Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001163 Re-Slope: 1.000000
 A1 (Gain): 0.233545 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999278 Status: OK.
 Std Error of Est: 0.000074
 Predicted MDL: 0.000425
 Predicted MQL: 0.001417

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00116	.000	1
S1	.01000	.01009	.000	.899	.00118	.000	1
S2	.31250	.32473	.012	3.91	.07418	.000	1
S3	.62500	.67762	.053	8.42	.15610	.000	1
S4	1.2500	1.2049	-.045	-3.61	.27824	.002	1
S5	2.5000	2.4802	-.020	-.793	.57408	.001	1



Na 818.326 { 41}

Date of Fit: 2/23/2018 17:23:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002254

Re-Slope: 1.000000

A1 (Gain): 0.004540

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999401

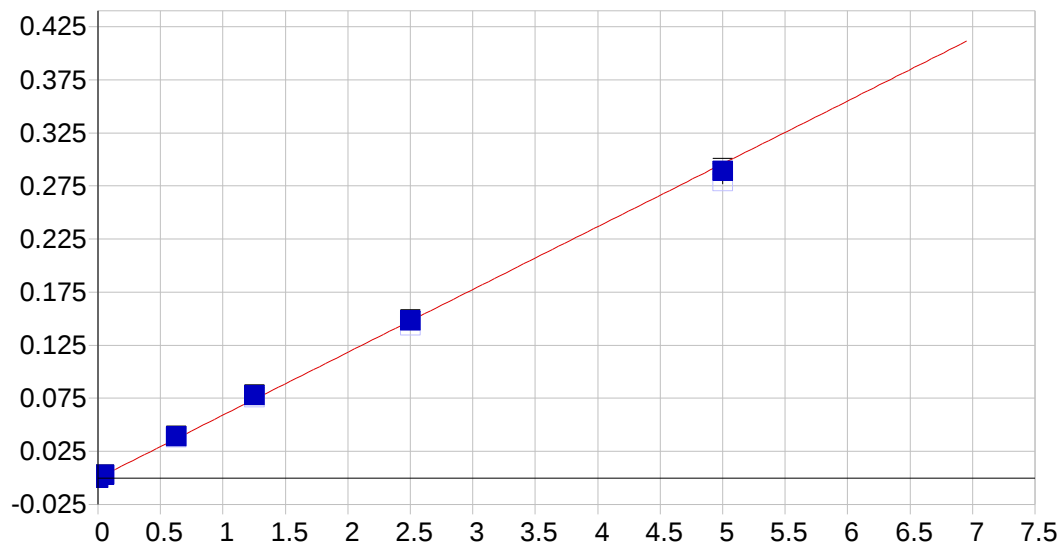
Status: OK.

Std Error of Est: 0.000486

Predicted MDL: 0.205946

Predicted MQL: 0.686486

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00059	.001	.000	-.00225	.000	1
S1	5.0000	4.7456	-.254	-5.09	.01929	.001	1
S2	37.500	37.374	-.126	-.335	.16741	.001	1
S3	75.000	75.378	.378	.504	.33993	.002	1
S4	150.00	142.68	-7.32	-4.88	.64544	.003	1
S5	300.00	285.71	-14.3	-4.76	1.2947	.007	1
S6	800.00	821.62	21.6	2.70	3.7276	.006	1

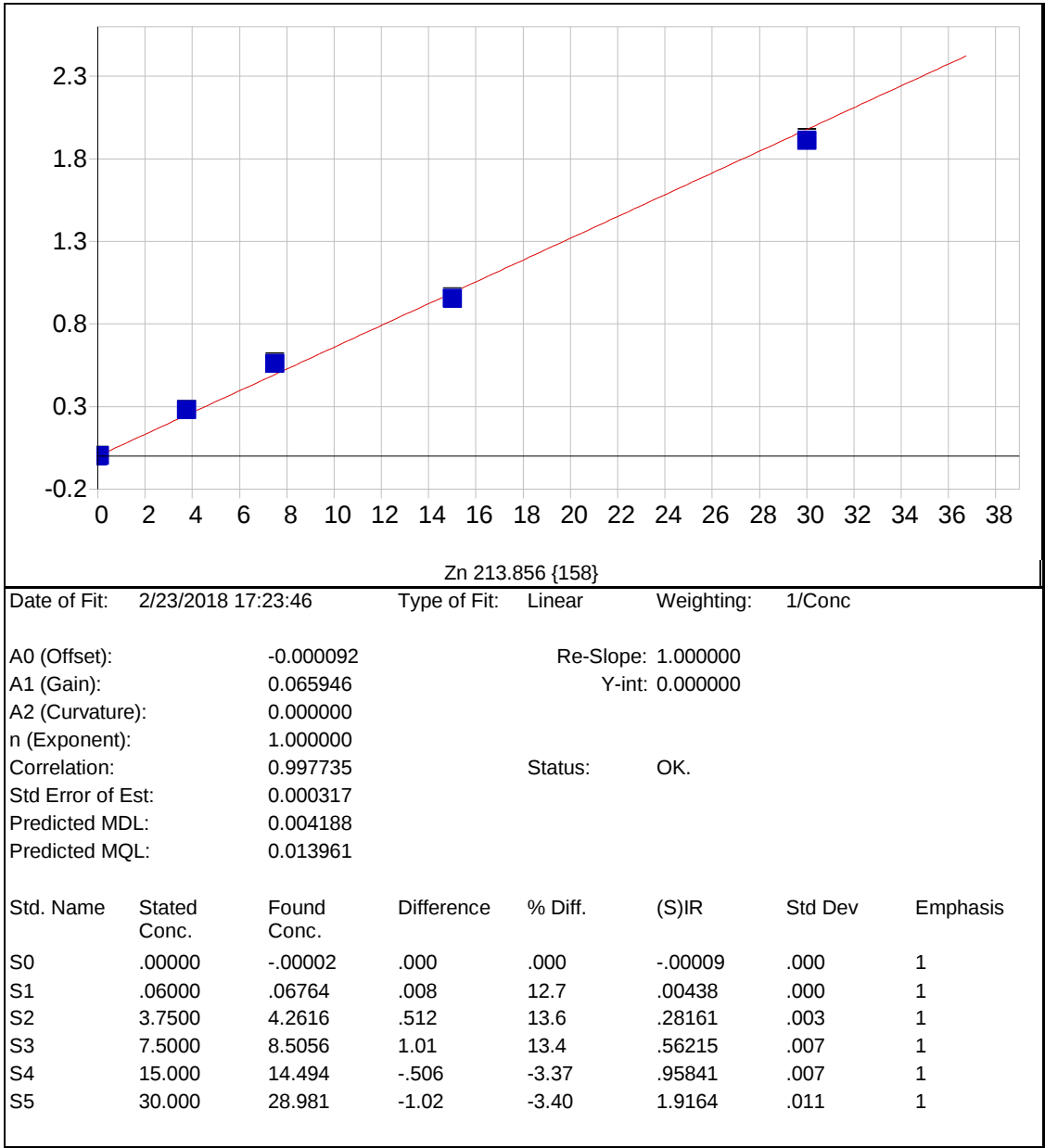


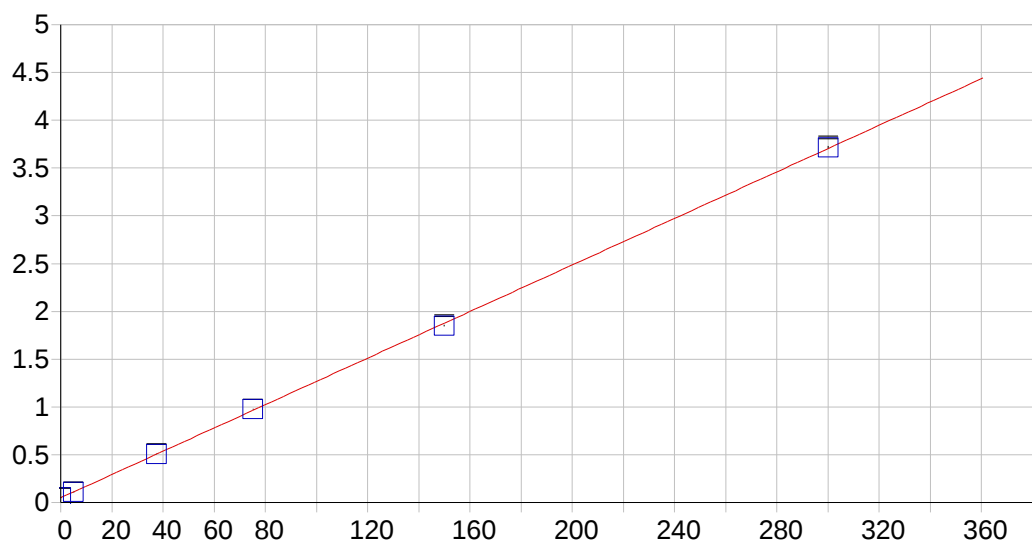
V 292.402 {115}

Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.059177 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999500 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.003228
 Predicted MQL: 0.010759

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00004	.000	1
S1	.05000	.05113	.001	2.25	.00299	.000	1
S2	.62500	.66376	.039	6.20	.03802	.000	1
S3	1.2500	1.3190	.069	5.52	.07558	.000	1
S4	2.5000	2.5046	.005	.184	.14330	.001	1
S5	5.0000	4.8865	-.114	-2.27	.27938	.003	1



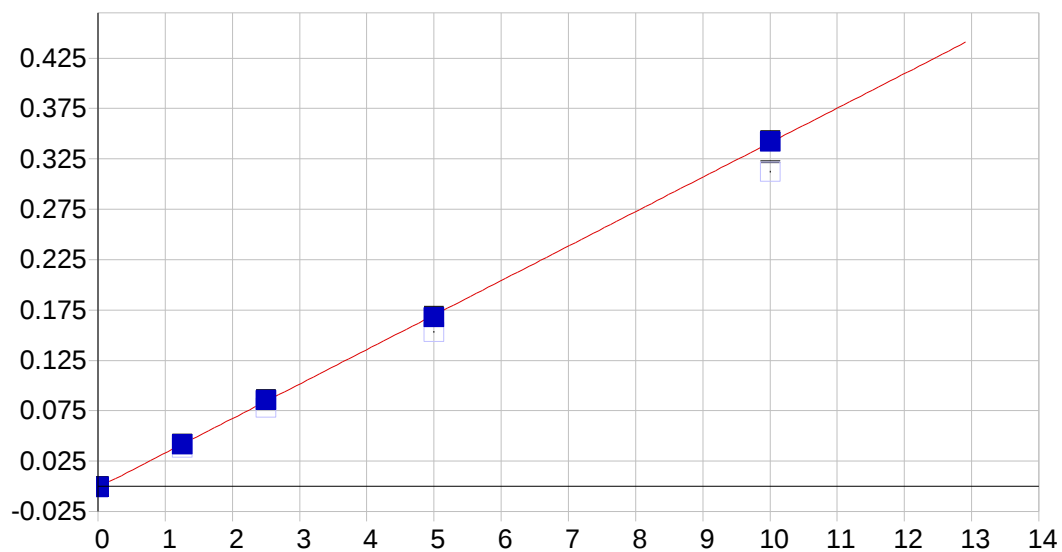


K 769.896 { 44}

Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.048898 Re-Slope: 1.000000
 A1 (Gain): 0.012184 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000253
 Predicted MDL: 0.061456
 Predicted MQL: 0.204855

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00013	.000	.000	.04890	.001	1
S1	5.0000	4.8315	-.169	-3.37	.10776	.001	1
S2	37.500	37.657	.157	.417	.50771	.002	1
S3	75.000	76.150	1.15	1.53	.97671	.002	1
S4	150.00	147.87	-2.13	-1.42	1.8505	.007	1
S5	300.00	301.00	.995	.332	3.7162	.015	1

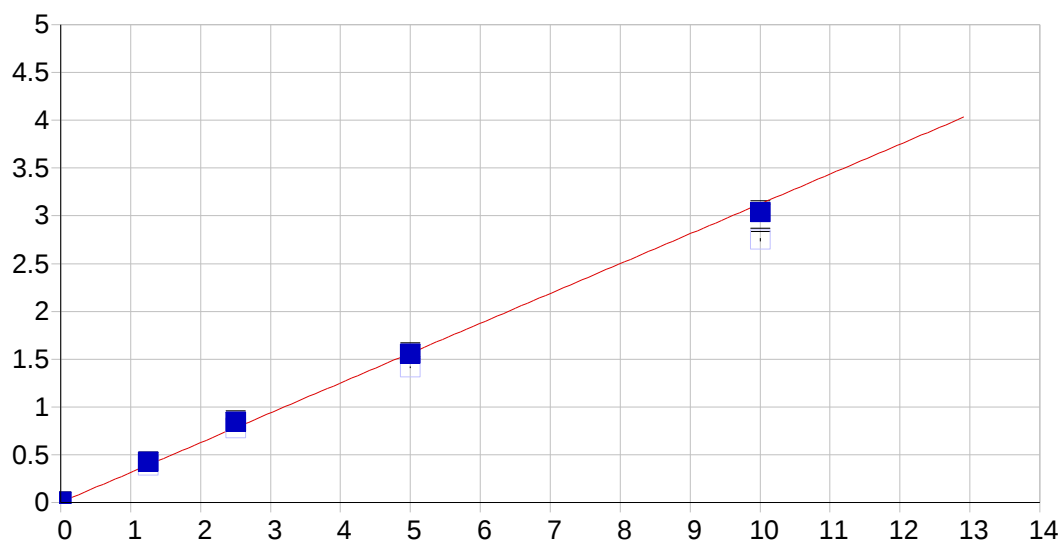


P 177.495 {490}

Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001209 Re-Slope: 1.000000
 A1 (Gain): 0.034235 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.002237
 Predicted MQL: 0.007455

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00121	.000	1
S1	.01000	.01319	.003	31.9	-.00078	.000	1
S2	1.2500	1.2520	.002	.162	.03796	.000	1
S3	2.5000	2.5306	.031	1.23	.07804	.001	1
S4	5.0000	4.9433	-.057	-1.13	.15326	.001	1
S5	10.000	10.021	.021	.208	.31232	.001	1

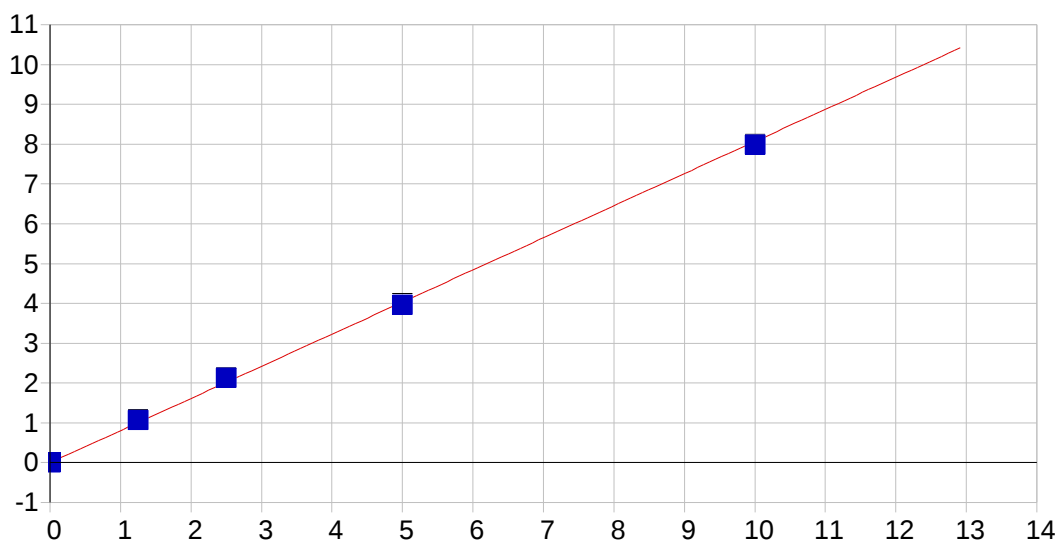


B 249.678 {135}

Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001902 Re-Slope: 1.000000
 A1 (Gain): 0.312202 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998964 Status: OK.
 Std Error of Est: 0.000216
 Predicted MDL: 0.000959
 Predicted MQL: 0.003198

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00190	.000	1
S1	.01000	.00846	-.002	-15.4	.00447	.000	1
S2	1.2500	1.3462	.096	7.70	.38625	.005	1
S3	2.5000	2.7025	.202	8.10	.77374	.010	1
S4	5.0000	4.9856	-.014	-.288	1.4146	.007	1
S5	10.000	9.7173	-.283	-2.83	2.7481	.017	1

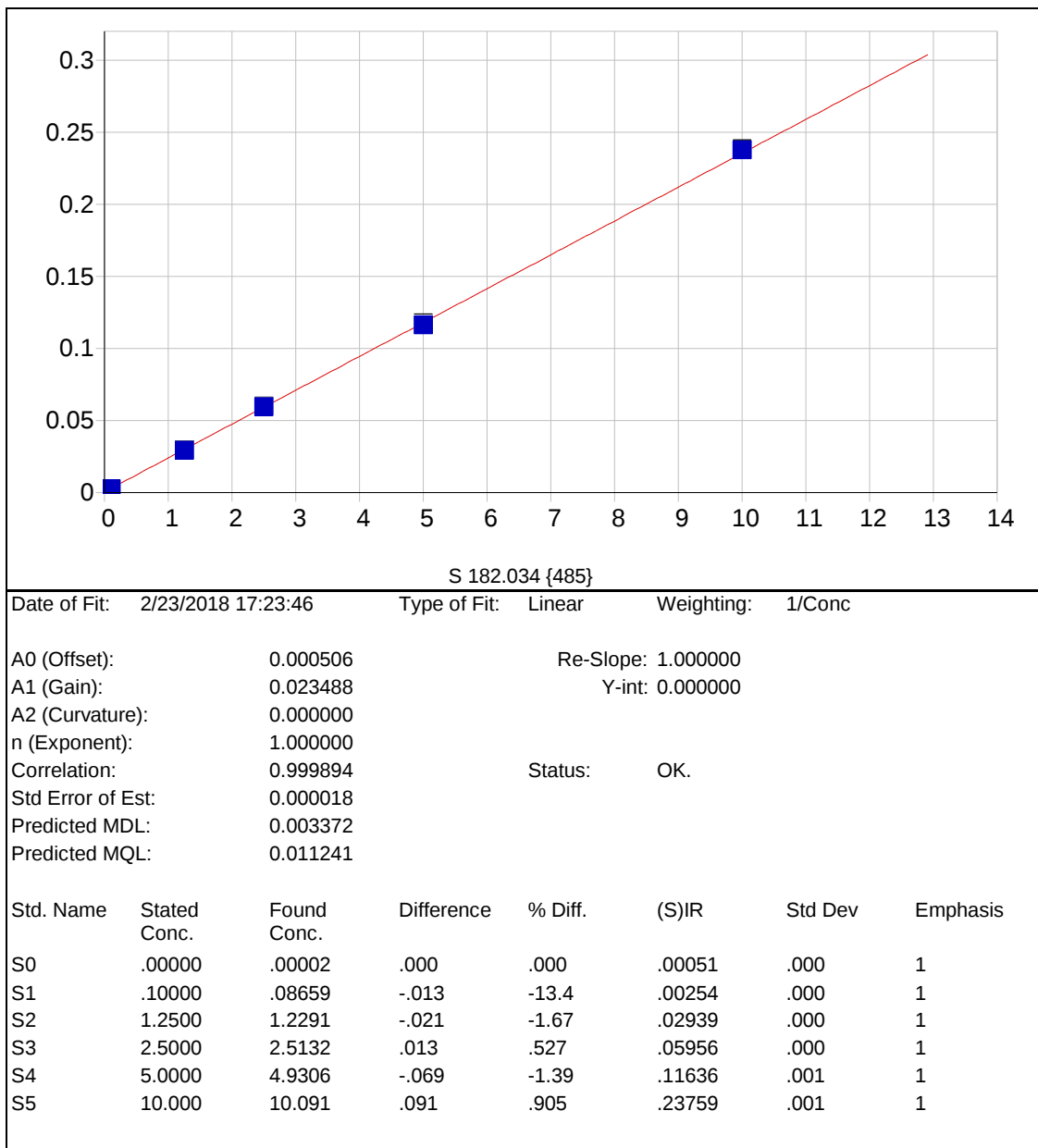


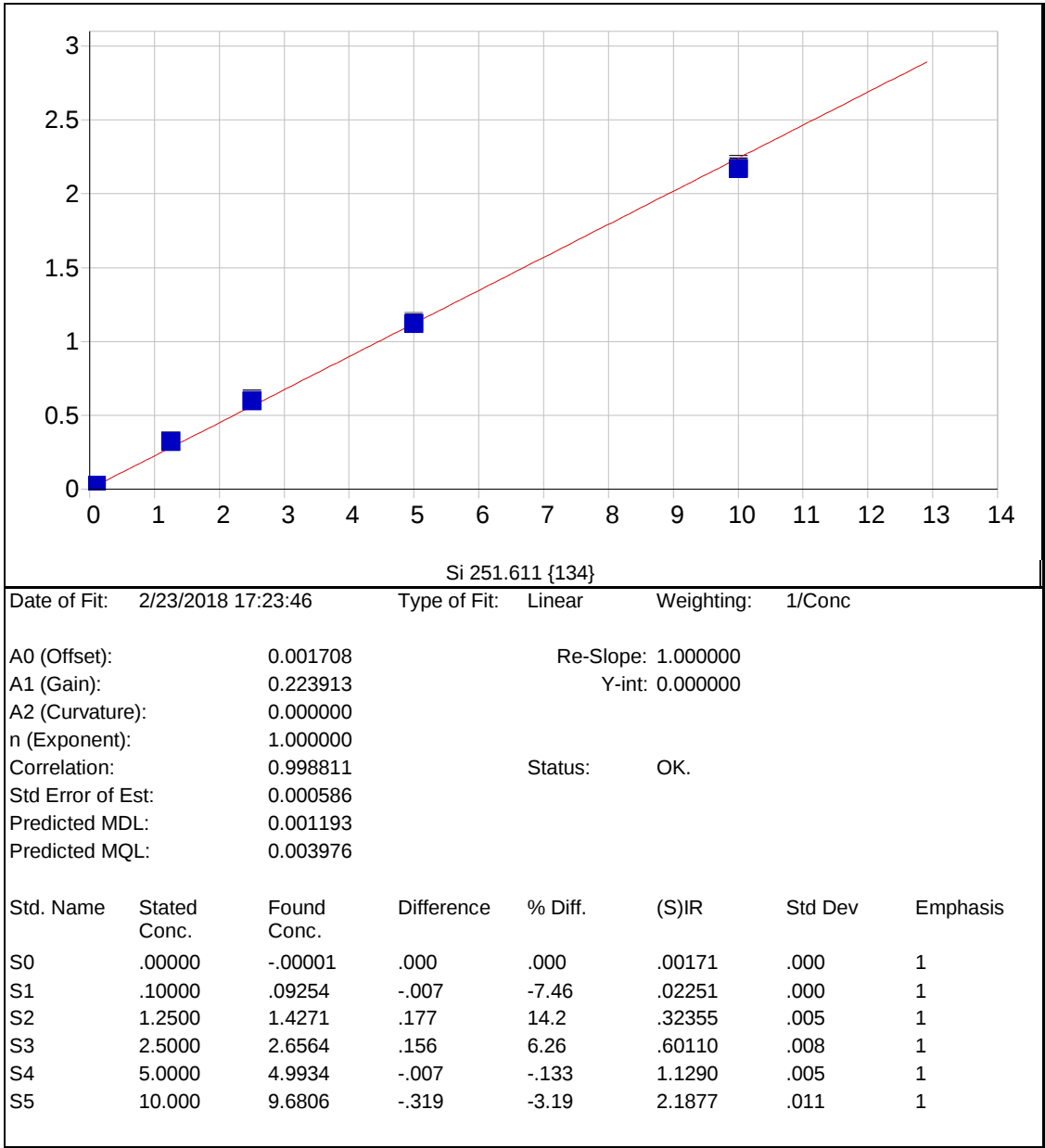
Mo 202.030 {467}

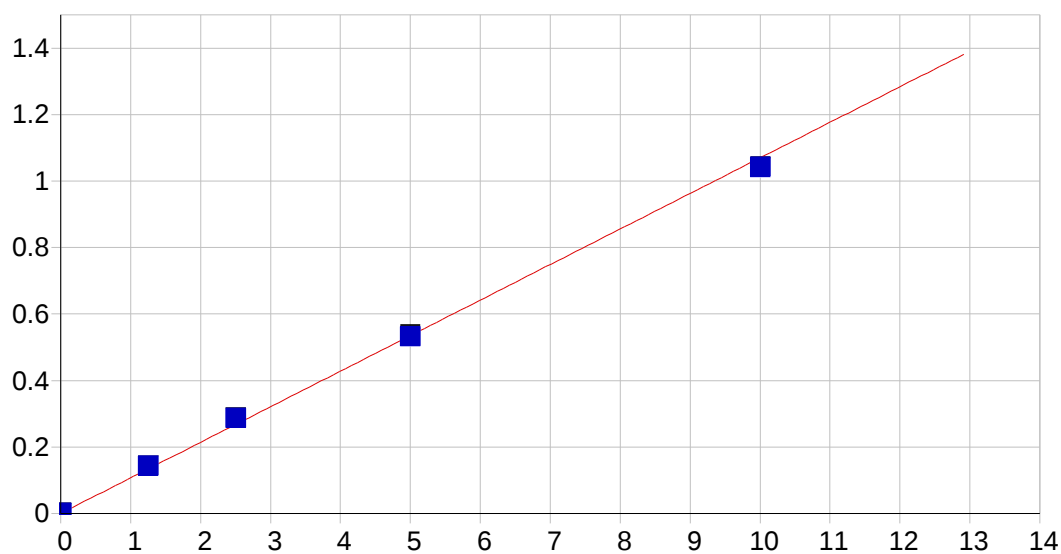
Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000024 Re-Slope: 1.000000
 A1 (Gain): 0.806726 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999608 Status: OK.
 Std Error of Est: 0.000379
 Predicted MDL: 0.000229
 Predicted MQL: 0.000763

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01000	.01028	.000	2.84	.00832	.000	1
S2	1.2500	1.3212	.071	5.70	1.0658	.008	1
S3	2.5000	2.6371	.137	5.48	2.1273	.006	1
S4	5.0000	4.9023	-.098	-1.95	3.9547	.040	1
S5	10.000	9.8891	-.111	-1.11	7.9775	.024	1







Sn 189.989 {478}

Date of Fit: 2/23/2018 17:23:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000234

Re-Slope: 1.000000

A1 (Gain): 0.106955

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999266

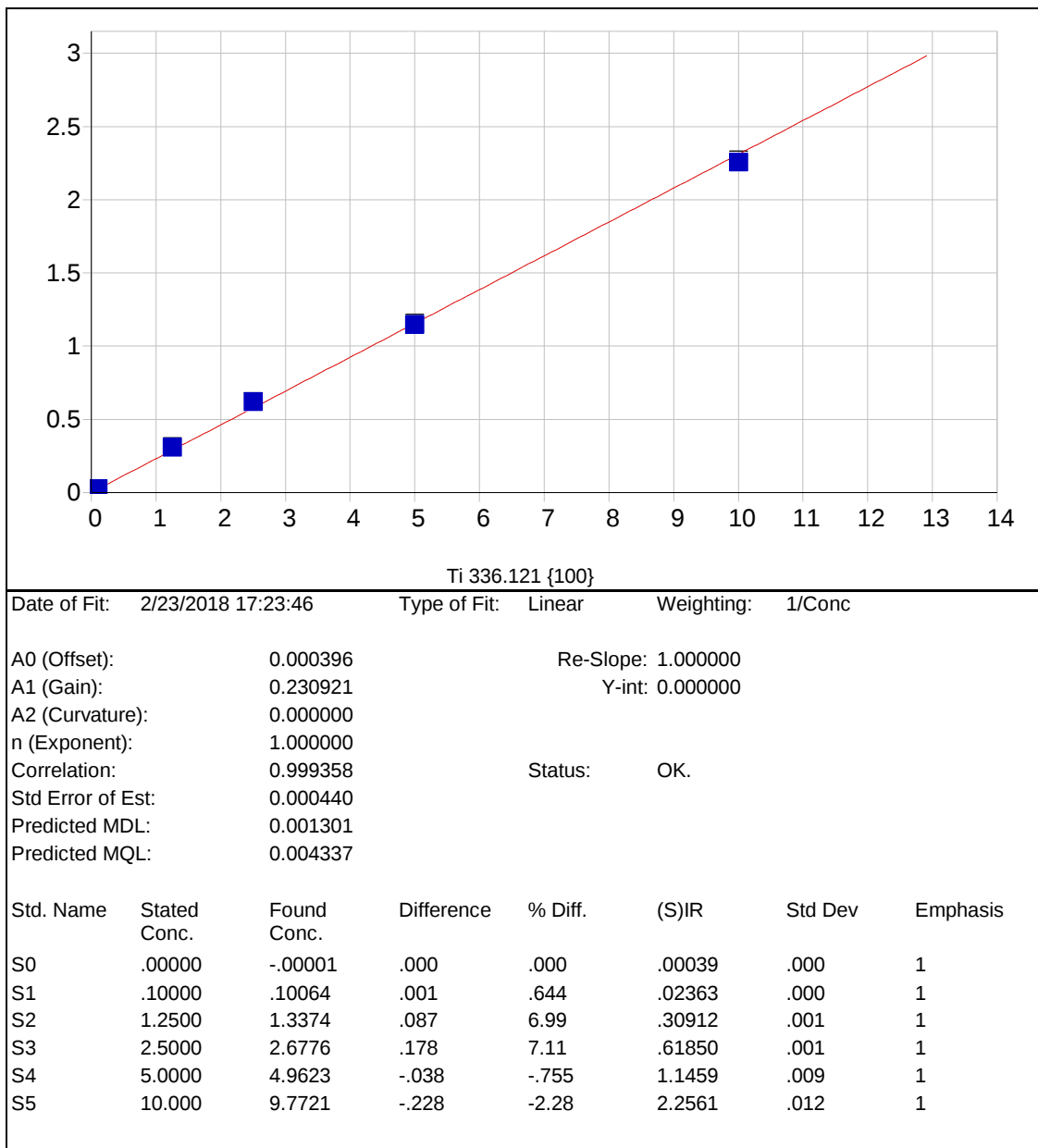
Status: OK.

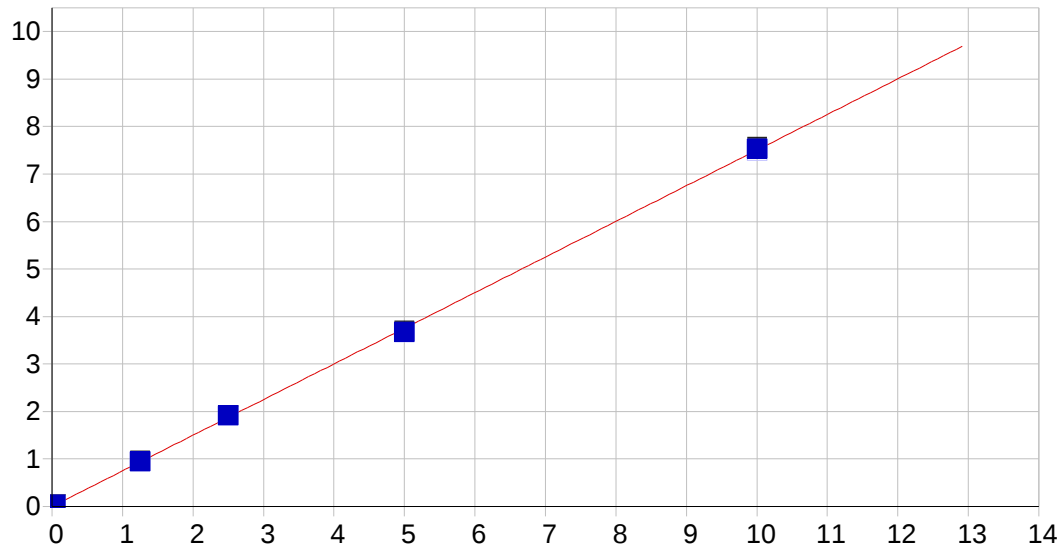
Std Error of Est: 0.000057

Predicted MDL: 0.000780

Predicted MQL: 0.002601

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.00700	.00681	.000	-2.67	.00093	.000	1
S2	1.2500	1.3406	.091	7.24	.14332	.001	1
S3	2.5000	2.6879	.188	7.52	.28713	.001	1
S4	5.0000	4.9805	-.019	-.390	.53174	.005	1
S5	10.000	9.7412	-.259	-2.59	1.0397	.000	1





Li 670.784 { 50}

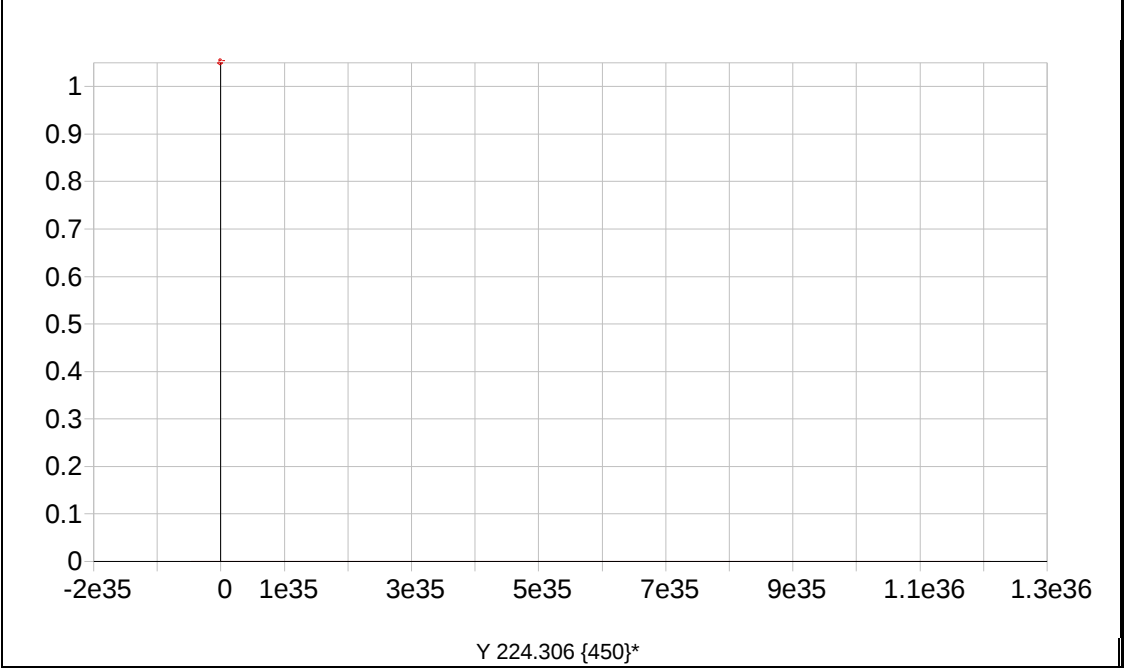
Date of Fit: 2/23/2018 17:23:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001045 Re-Slope: 1.000000
 A1 (Gain): 0.750329 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.000376
 Predicted MDL: 0.001343
 Predicted MQL: 0.004476

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00104	.000	1
S5	10.000	10.029	.029	.290	7.4839	.045	1
S4	5.0000	4.9017	-.098	-1.97	3.6578	.013	1
S3	2.5000	2.5530	.053	2.12	1.9061	.006	1
S2	1.2500	1.2664	.016	1.32	.94602	.002	1
S1	.05000	.04993	.000	-.143	.03843	.000	1



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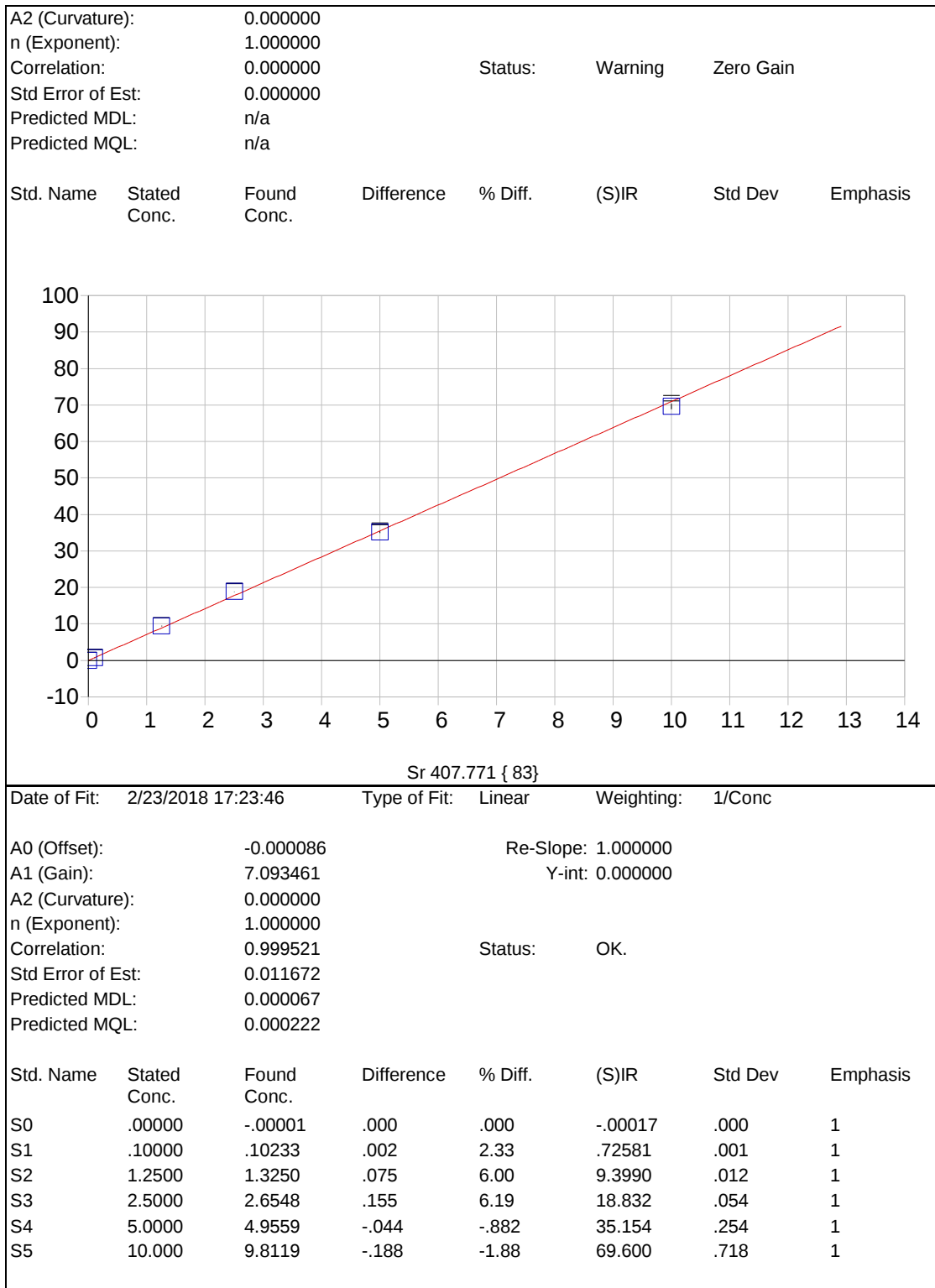






A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
							
ln 230.606 {446}* Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc							
A0 (Offset):	0.000000	Re-Slope: 1.000000					
A1 (Gain):	0.000000	Y-int: 0.000000					



Sample Name: S0 Acquired: 2/23/2018 10:49:59 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00012	-.00021	-.00017	.00021	.00050	.00028	-.00451	-.00125
Stddev	.00007	.00002	.00017	.00007	.00012	.00027	.00112	.00013
%RSD	60.890	11.731	98.806	33.672	24.546	98.071	24.814	10.697

#1	-.00020	-.00024	-.00036	.00013	.00036	.00049	-.00549	-.00112
#2	-.00005	-.00019	-.00015	.00025	.00053	-.00003	-.00474	-.00124
#3	-.00011	-.00020	-.00002	.00025	.00060	.00037	-.00329	-.00139

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00055	.00124	.00003	-.00037	.00033	-.00002	.00006	-.00015
Stddev	.00007	.00034	.00004	.00012	.00009	.00011	.00008	.00014
%RSD	11.743	27.473	152.95	32.383	26.428	637.81	140.44	94.363

#1	.00051	.00094	.00007	-.00033	.00030	.00006	.00001	-.00015
#2	.00063	.00161	.00003	-.00050	.00042	.00004	.00001	-.00028
#3	.00053	.00116	-.00002	-.00028	.00026	-.00015	.00016	.00000

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00167	-.00116	-.00225	-.00004	-.00009	.04890	-.00121	.00190
Stddev	.00009	.00006	.00032	.00016	.00014	.00053	.00003	.00013
%RSD	5.3951	5.2940	14.173	452.61	152.31	1.0849	2.1282	7.0381

#1	-.00160	-.00110	-.00243	-.00022	-.00018	.04916	-.00124	.00192
#2	-.00177	-.00122	-.00244	.00006	-.00017	.04924	-.00120	.00176
#3	-.00163	-.00118	-.00188	.00005	.00007	.04829	-.00119	.00203

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00002	.00051	.00171	.00023	.00039	.00104	-.00017	
Stddev	.00005	.00011	.00028	.00005	.00022	.00039	.00030	
%RSD	226.47	20.992	16.295	21.659	56.163	37.747	179.58	

#1	-.00003	.00063	.00191	.00027	.00018	.00069	-.00003	
#2	.00002	.00044	.00139	.00025	.00062	.00097	-.00052	
#3	.00008	.00045	.00182	.00018	.00038	.00147	.00004	

Sample Name: S0 Acquired: 2/23/2018 10:49:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3032.6	3892.7	72551.	11621.	5715.9
Stddev	32.3	10.8	473.	98.	14.4
%RSD	1.0641	.27660	.65242	.84372	.25176
#1	3060.5	3898.2	72841.	11522.	5727.8
#2	2997.3	3899.7	72005.	11718.	5720.1
#3	3040.1	3880.3	72808.	11625.	5699.9

Sample Name: S1 Acquired: 2/23/2018 10:54:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00016	.00089	.00125	.00216	.00709	.01203	.53828	.01901
Stddev	.00003	.00011	.00006	.00016	.00032	.00025	.00230	.00006
%RSD	17.013	12.807	4.9769	7.5117	4.5373	2.0424	.42758	.32193

#1	.00017	.00076	.00129	.00198	.00705	.01211	.54086	.01894
#2	.00013	.00098	.00118	.00228	.00743	.01223	.53643	.01902
#3	.00019	.00092	.00128	.00223	.00679	.01176	.53754	.01906

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01344	.16237	.00142	.03574	.00270	.00208	.00391	.03579
Stddev	.00019	.00056	.00002	.00063	.00002	.00013	.00005	.00004
%RSD	1.3970	.34687	1.3978	1.7663	.74609	6.2369	1.4036	.11961

#1	.01343	.16242	.00144	.03528	.00269	.00194	.00388	.03576
#2	.01363	.16179	.00140	.03646	.00269	.00209	.00397	.03578
#3	.01325	.16291	.00143	.03549	.00272	.00220	.00388	.03584

Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02132	.00118	.01929	.00299	.00438	.10776	-.00078	.00447
Stddev	.00064	.00003	.00074	.00014	.00010	.00059	.00003	.00009
%RSD	2.9863	2.9634	3.8268	4.7576	2.3821	.54453	4.0490	1.9757

#1	.02103	.00121	.01938	.00293	.00449	.10769	-.00074	.00456
#2	.02206	.00114	.01851	.00315	.00438	.10722	-.00080	.00440
#3	.02089	.00118	.01997	.00288	.00428	.10838	-.00080	.00444

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00832	.00254	.02251	.00093	.02363	.03843	.72581	
Stddev	.00012	.00006	.00021	.00012	.00040	.00025	.00130	
%RSD	1.4237	2.4294	.92853	12.463	1.6952	.65675	.17974	

#1	.00822	.00251	.02256	.00090	.02319	.03843	.72439	
#2	.00828	.00261	.02227	.00106	.02397	.03818	.72694	
#3	.00845	.00250	.02268	.00084	.02373	.03868	.72611	

Sample Name: S1 Acquired: 2/23/2018 10:54:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3077.6	3928.0	72906.	11930.	5696.7
Stddev	45.0	78.8	572.	36.	124.0
%RSD	1.4608	2.0060	.78413	.30049	2.1771
#1	3026.1	3959.9	72250.	11971.	5742.0
#2	3097.6	3838.3	73164.	11910.	5556.4
#3	3109.0	3985.9	73302.	11908.	5791.7

Sample Name: S2 Acquired: 2/23/2018 10:58:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03998	.05909	.87702	.07514	.15092	2.2245	6.9521	.50018
Stddev	.00046	.00055	.00732	.00064	.00092	.0015	.0067	.00653
%RSD	1.1606	.92496	.83483	.84852	.61081	.06966	.09601	1.3060

#1	.03966	.05882	.87180	.07499	.15028	2.2230	6.9590	.49264
#2	.03976	.05873	.87387	.07459	.15051	2.2245	6.9515	.50419
#3	.04051	.05972	.88539	.07584	.15198	2.2261	6.9457	.50371

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.7020	2.0325	.51630	.48517	.34739	.75253	.97197	.45424
Stddev	.0122	.0037	.00265	.00401	.00068	.00133	.00221	.00057
%RSD	.71810	.18257	.51273	.82576	.19641	.17627	.22705	.12544

#1	1.6943	2.0282	.51389	.48185	.34791	.75157	.97017	.45408
#2	1.6955	2.0344	.51588	.48404	.34662	.75197	.97130	.45377
#3	1.7161	2.0349	.51913	.48962	.34765	.75404	.97443	.45488

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.37199	.07418	.16741	.03802	.28161	.50771	.03796	.38625
Stddev	.00287	.00032	.00080	.00031	.00335	.00225	.00028	.00517
%RSD	.77195	.42714	.47578	.80770	1.1896	.44319	.73861	1.3386

#1	.37044	.07413	.16715	.03827	.28499	.50556	.03803	.38036
#2	.37023	.07389	.16678	.03768	.27829	.50752	.03765	.38838
#3	.37531	.07452	.16831	.03812	.28155	.51005	.03820	.39002

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.0658	.02939	.32355	.14332	.30912	.94602	9.3990	
Stddev	.0082	.00015	.00485	.00077	.00106	.00190	.0123	
%RSD	.77053	.50025	1.5000	.54072	.34214	.20108	.13134	

#1	1.0598	.02925	.31796	.14271	.30814	.94536	9.3916	
#2	1.0625	.02936	.32602	.14306	.31024	.94816	9.3921	
#3	1.0752	.02954	.32668	.14419	.30898	.94453	9.4132	

Sample Name: S2 Acquired: 2/23/2018 10:58:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2985.3	3769.5	70963.	11844.	5120.1
Stddev	33.9	20.5	535.	37.	23.1
%RSD	1.1344	.54417	.75337	.31027	.45173
#1	2950.9	3786.4	70401.	11886.	5137.6
#2	3018.6	3775.5	71465.	11818.	5128.9
#3	2986.3	3746.7	71024.	11827.	5093.9

Sample Name: S3 Acquired: 2/23/2018 11:02:07 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08081	.11517	1.7559	.15037	.30426	4.4995	13.973	.99842
Stddev	.00026	.00101	.0057	.00015	.00133	.0166	.059	.01026
%RSD	.32004	.87337	.32422	.10069	.43847	.36933	.41870	1.0276

#1	.08062	.11617	1.7534	.15020	.30284	4.4875	13.948	.99869
#2	.08070	.11416	1.7519	.15046	.30448	4.5185	14.039	.98802
#3	.08111	.11519	1.7624	.15047	.30548	4.4926	13.930	1.0085

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.3857	4.0266	1.0216	.97098	.69435	1.4915	1.9273	.91488
Stddev	.0131	.0113	.0053	.00405	.00160	.0016	.0058	.00223
%RSD	.38673	.28137	.52374	.41717	.23099	.10815	.29876	.24340

#1	3.3835	4.0161	1.0161	.96782	.69291	1.4896	1.9215	.91237
#2	3.3738	4.0386	1.0219	.96958	.69608	1.4923	1.9330	.91565
#3	3.3997	4.0252	1.0268	.97555	.69407	1.4925	1.9275	.91661

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.74038	.15610	.33993	.07558	.56215	.97671	.07804	.77374
Stddev	.00230	.00048	.00213	.00024	.00726	.00192	.00073	.00965
%RSD	.31034	.30572	.62583	.32391	1.2907	.19615	.93581	1.2471

#1	.73907	.15651	.33751	.07532	.56421	.97451	.07858	.77472
#2	.73905	.15557	.34151	.07560	.56816	.97765	.07721	.76363
#3	.74304	.15620	.34077	.07581	.55409	.97799	.07835	.78286

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.1273	.05956	.60110	.28713	.61850	1.9061	18.832	
Stddev	.0062	.00023	.00770	.00131	.00146	.0060	.054	
%RSD	.29216	.38408	1.2804	.45755	.23588	.31527	.28543	

#1	2.1226	.05955	.60047	.28762	.61683	1.9017	18.780	
#2	2.1250	.05933	.59374	.28564	.61953	1.9129	18.887	
#3	2.1344	.05978	.60909	.28812	.61914	1.9036	18.828	

Sample Name: S3 Acquired: 2/23/2018 11:02:07 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2822.4	3565.2	67773.	11428.	4778.1
Stddev	23.9	12.6	379.	45.	17.3
%RSD	.84841	.35481	.55944	.39296	.36214
#1	2800.9	3578.0	67604.	11422.	4783.4
#2	2818.1	3564.7	67508.	11476.	4792.2
#3	2848.2	3552.8	68208.	11387.	4758.8

Sample Name: S4 Acquired: 2/23/2018 11:05:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.15743	.21387	3.3764	.29044	.59038	8.6652	26.459	1.8827
Stddev	.00174	.00153	.0392	.00269	.00645	.0266	.073	.0081
%RSD	1.1054	.71647	1.1612	.92758	1.0924	.30734	.27438	.43172

#1	.15635	.21283	3.3457	.28830	.58514	8.6944	26.501	1.8870
#2	.15650	.21315	3.3631	.28955	.58841	8.6590	26.375	1.8734
#3	.15944	.21563	3.4206	.29346	.59758	8.6422	26.500	1.8879

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.3882	7.5555	1.8434	1.8306	1.3161	2.7621	3.5904	1.7642
Stddev	.0719	.0229	.0073	.0213	.0050	.0122	.0151	.0085
%RSD	1.1259	.30331	.39365	1.1642	.37886	.44231	.42021	.48433

#1	6.3307	7.5754	1.8491	1.8146	1.3219	2.7695	3.6017	1.7658
#2	6.3652	7.5304	1.8459	1.8224	1.3134	2.7480	3.5732	1.7550
#3	6.4689	7.5606	1.8353	1.8548	1.3131	2.7688	3.5962	1.7719

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3935	.27824	.64544	.14330	.95841	1.8505	.15326	1.4146
Stddev	.0150	.00214	.00307	.00093	.00662	.0067	.00094	.0070
%RSD	1.0800	.76916	.47520	.64575	.69081	.36212	.61117	.49704

#1	1.3813	.27869	.64610	.14429	.95717	1.8583	.15221	1.4179
#2	1.3888	.27591	.64210	.14316	.95250	1.8469	.15355	1.4066
#3	1.4103	.28012	.64812	.14246	.96557	1.8464	.15402	1.4194

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.9547	.11636	1.1290	.53174	1.1459	3.6578	35.154	
Stddev	.0399	.00114	.0048	.00505	.0089	.0126	.254	
%RSD	1.0089	.97837	.42538	.95060	.77469	.34395	.72287	

#1	3.9287	.11532	1.1318	.52782	1.1560	3.6707	35.421	
#2	3.9347	.11618	1.1234	.52995	1.1419	3.6456	34.915	
#3	4.0006	.11757	1.1317	.53745	1.1397	3.6572	35.127	

Sample Name: S4 Acquired: 2/23/2018 11:05:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2762.8	3480.3	67723.	11571.	4627.4
Stddev	18.5	31.9	317.	34.	42.5
%RSD	.66992	.91779	.46862	.29138	.91849
#1	2767.2	3496.5	67626.	11534.	4658.3
#2	2778.8	3500.9	68078.	11581.	4645.1
#3	2742.5	3443.5	67466.	11599.	4578.9

Sample Name: S5 Acquired: 2/23/2018 11:09:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.32695	.41370	6.6466	.59703	1.2292	17.408	52.446	3.7523
Stddev	.00067	.00077	.0096	.00228	.0056	.069	.291	.0162
%RSD	.20613	.18578	.14504	.38132	.45899	.39727	.55546	.43069

#1	.32704	.41458	6.6378	.59650	1.2284	17.329	52.550	3.7464
#2	.32623	.41315	6.6450	.59506	1.2240	17.448	52.672	3.7706
#3	.32757	.41338	6.6569	.59952	1.2352	17.449	52.117	3.7399

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.423	14.847	3.5801	3.6124	2.6133	5.3544	6.9777	3.5174
Stddev	.007	.014	.0145	.0042	.0010	.0124	.0062	.0058
%RSD	.05618	.09508	.40476	.11513	.03852	.23165	.08861	.16429

#1	12.417	14.831	3.5852	3.6126	2.6121	5.3684	6.9843	3.5234
#2	12.422	14.858	3.5915	3.6081	2.6137	5.3500	6.9720	3.5170
#3	12.431	14.851	3.5638	3.6164	2.6140	5.3448	6.9767	3.5119

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7179	.57408	1.2947	.27938	1.9164	3.7162	.31232	2.7481
Stddev	.0003	.00096	.0070	.00262	.0109	.0154	.00101	.0168
%RSD	.01149	.16689	.54129	.93649	.56769	.41560	.32327	.61263

#1	2.7176	.57323	1.3025	.27648	1.9055	3.6986	.31332	2.7361
#2	2.7182	.57512	1.2889	.28156	1.9165	3.7231	.31130	2.7674
#3	2.7179	.57391	1.2929	.28009	1.9273	3.7271	.31234	2.7409

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	7.9775	.23759	2.1877	1.0397	2.2561	7.4839	69.600	
Stddev	.0245	.00078	.0112	.0003	.0124	.0453	.718	
%RSD	.30707	.32748	.51249	.03109	.54830	.60506	1.0322	

#1	7.9819	.23847	2.1821	1.0398	2.2434	7.5336	68.806	
#2	7.9511	.23699	2.2006	1.0400	2.2569	7.4451	70.204	
#3	7.9995	.23731	2.1803	1.0394	2.2681	7.4729	69.792	

Sample Name: S5 Acquired: 2/23/2018 11:09:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2546.2	3140.4	64210.	11177.	4220.9
Stddev	13.6	8.8	383.	102.	2.6
%RSD	.53373	.27919	.59684	.90930	.06060
#1	2556.7	3137.7	64509.	11290.	4219.1
#2	2551.0	3150.2	64343.	11146.	4223.8
#3	2530.9	3133.3	63778.	11094.	4219.8

Sample Name: S6 Acquired: 2/23/2018 11:13:59 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	47.234	24.347	14.474	5.7111	3.7276
Stddev	.262	.305	.071	.0274	.0061
%RSD	.55552	1.2541	.49033	.48046	.16449

#1	47.264	24.339	14.512	5.7296	3.7328
#2	46.958	24.656	14.519	5.7241	3.7292
#3	47.481	24.045	14.393	5.6796	3.7208

Int. Std.	Y_3710
Units	Cts/S
Avg	10598.
Stddev	8.
%RSD	.07653

#1	10594.
#2	10592.
#3	10607.

Sample Name: ICV Acquired: 2/23/2018 11:44:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9555930	1.126649	.9767467	.9863375	.9311641	2.409555
Stddev	.0107048	.011842	.0134108	.0062569	.0116532	.010638
%RSD	1.120228	1.051069	1.373003	.6343574	1.251469	.4414837

#1	.9444370	1.117311	.9696387	.9813081	.9208136	2.421836
#2	.9565611	1.122669	.9683863	.9843601	.9288930	2.403222
#3	.9657809	1.139969	.9922153	.9933441	.9437857	2.403606

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5149078	.5056861	.4938336	10.57046	.4872868	.4917354
Stddev	.0005941	.0038705	.0070512	.01734	.0009790	.0056160
%RSD	.1153809	.7653973	1.427845	.1640873	.2009098	1.142074

#1	.5147666	.5101553	.4886119	10.55047	.4869467	.4885814
#2	.5155597	.5034593	.4910344	10.57939	.4865233	.4884053
#3	.5143969	.5034435	.5018546	10.58151	.4883905	.4982194

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5205278	5.382383	.5289299	5.856433	.5176933	.4735357
Stddev	.0042173	.008882	.0013280	.026009	.0064784	.0027530
%RSD	.8102002	.1650170	.2510708	.4441038	1.251389	.5813637

#1	.5252134	5.372355	.5280314	5.845860	.5129432	.4767101
#2	.5170363	5.389257	.5283030	5.886063	.5150638	.4720940
#3	.5193337	5.385538	.5304552	5.837376	.5250730	.4718031

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.475480	.5242505	1.102264	9.458326	F .0143439	F .0080313
Stddev	.110226	.0048030	.018162	.050413	.0021536	.0004888
%RSD	1.163278	.9161688	1.647687	.5329963	15.01406	6.085667

#1	9.348261	.5190904	1.119180	9.402437	.0132692	.0082738
#2	9.542463	.5285910	1.083071	9.472172	.0129392	.0074687
#3	9.535716	.5250700	1.104540	9.500368	.0168234	.0083513

Sample Name: ICV Acquired: 2/23/2018 11:44:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0008546	.0129385	.0000323	F -.000544	.0001874	.0027660
Stddev	.0001971	.0026076	.0010155	.001015	.0004653	.0008264
%RSD	23.06745	20.15353	3145.103	186.6406	248.2824	29.87758

#1	.0007253	.0099375	-.000214	-.000038	-.000057	.0034331
#2	.0010815	.0146515	-.000838	.000119	-.000105	.0018415
#3	.0007571	.0142263	.001148	-.001712	.000724	.0030234

Elem	Sr4077
Units	ppm
Avg	.0119824
Stddev	.0000452
%RSD	.3775592

#1	.0120052
#2	.0119303
#3	.0120118

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3175.018	3945.567	75392.78	11922.23	5690.785
Stddev	9.056	31.237	66.26	25.72	54.724
%RSD	.2852256	.7917017	.0878896	.2157229	.9616200

#1	3164.617	3972.690	75464.33	11895.40	5728.632
#2	3179.282	3952.598	75380.47	11924.64	5715.683
#3	3181.155	3911.414	75333.53	11946.66	5628.039

Sample Name: ICB Acquired: 2/23/2018 11:48:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002661	.0001235	.0007417	-.001519	.0001600	.0065257	-.000028
Stddev	.0010896	.0005149	.0007954	.003279	.0005714	.0020273	.000495
%RSD	409.4536	416.7405	107.2330	215.8507	357.0933	31.06637	1788.419

#1	.0013960	.0006973	.0016123	-.003698	-.000073	.0056568	-.000297
#2	.0001805	-.000029	.0005599	.002252	.000811	.0050777	-.000329
#3	-.000778	-.000298	.0000530	-.003111	-.000258	.0088426	.000543

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000039	-.000028	-.003381	-.000253	.0000692	.0006838	.0068836
Stddev	.000036	.000032	.011522	.000166	.0000357	.0013593	.0078420
%RSD	93.35655	112.6560	340.7666	65.72792	51.54331	198.7992	113.9243

#1	.000003	.000007	-.013893	-.000282	.0000784	-.000404	.0067336
#2	-.000056	-.000055	-.005187	-.000074	.0000993	.000248	-.000882
#3	-.000062	-.000037	.008937	-.000403	.0000298	.002208	.014799

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000151	.0120684	.0000572	.0001723	-.214619	.0002589	-.002457
Stddev	.000523	.0126469	.0002983	.0000630	.117722	.0014264	.003073
%RSD	346.4678	104.7936	521.4324	36.54373	54.85154	550.9580	125.0781

#1	.000449	.0243163	.0003991	.0001751	-.282340	-.001314	-.005477
#2	-.000507	-.000943	-.000150	.0002338	-.078686	.000621	.000666
#3	-.000395	.012832	-.000077	.0001080	-.282832	.001470	-.002559

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.196349	.0000738	-.001258	-.000069	.0043492	-.002314	-.000708
Stddev	.031742	.0008334	.000615	.000226	.0018593	.000112	.000271
%RSD	16.16587	1128.905	48.86759	328.1523	42.74945	4.848536	38.31190

#1	-.184746	.0007690	-.001196	.000038	.0054143	-.002341	-.000433
#2	-.172041	-.000850	-.001901	-.000328	.0054309	-.002410	-.000716
#3	-.232259	.000302	-.000676	.000084	.0022023	-.002190	-.000975

Sample Name: ICB Acquired: 2/23/2018 11:48:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000093	.0017371	-.000026
Stddev	.000642	.0006855	.000053
%RSD	690.8922	39.46193	207.7623

#1	-.000781	.0025005	.000031
#2	.000490	.0015366	-.000074
#3	.000012	.0011742	-.000035

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3257.605	4080.633	77438.21	12024.00	6044.555
Stddev	5.300	12.032	194.02	57.49	14.034
%RSD	.1627037	.2948598	.2505445	.4781162	.2321775

#1	3263.725	4088.506	77506.59	11986.22	6057.042
#2	3254.583	4066.783	77588.79	12090.16	6029.367
#3	3254.508	4086.611	77219.27	11995.62	6047.256

Sample Name: ICSA Acquired: 2/23/2018 11:52:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073498	-.003876	-.009369	-.020120	.0055525	257.0700
Stddev	.0006164	.001637	.000120	.001561	.0021807	4.8511
%RSD	8.386491	42.22977	1.280425	7.757425	39.27460	1.887090

#1	.0077255	-.005625	-.009245	-.019281	.0079968	253.1851
#2	.0076854	-.003622	-.009484	-.021921	.0038061	255.5176
#3	.0066384	-.002381	-.009377	-.019158	.0048547	262.5074

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066921	.0010594	-.001128	268.8269	.0496222	.0000921
Stddev	.0004015	.0000303	.000091	6.3762	.0003252	.0002910
%RSD	6.000191	2.860736	8.067417	2.371865	.6553843	315.9150

#1	.0071232	.0010897	-.001139	264.0142	.0495375	-.000203
#2	.0063288	.0010290	-.001032	266.4079	.0499814	.000379
#3	.0066243	.0010594	-.001213	276.0587	.0493478	.000100

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006207	107.0299	.0114080	265.2621	.0030250	-.006334
Stddev	.002198	2.6762	.0008491	6.7369	.0001056	.000208
%RSD	35.41988	2.500426	7.443193	2.539702	3.491671	3.283148

#1	-.005366	105.1449	.0105996	260.1545	.0029177	-.006141
#2	-.008702	105.8518	.0122927	262.7346	.0031289	-.006307
#3	-.004553	110.0931	.0113319	272.8972	.0030284	-.006554

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.033936	-.002224	-.019225	-.526459	-.001350	F .1765254
Stddev	.142832	.001073	.000666	.098503	.001274	.0063738
%RSD	420.8817	48.24527	3.463615	18.71048	94.36035	3.610710

#1	-.198803	-.000990	-.019476	-.596449	-.002808	.1712983
#2	.044617	-.002747	-.019729	-.569109	-.000793	.1746520
#3	.052377	-.002936	-.018470	-.413818	-.000450	.1836260

Sample Name: ICSA Acquired: 2/23/2018 11:52:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013910	.0188610	-.006465	-.002050	-.002467	.0055535
Stddev	.0000901	.0039022	.000804	.000630	.000911	.0002813
%RSD	6.480446	20.68956	12.44165	30.74467	36.94146	5.066207

#1	.0013162	.0230812	-.006817	-.001839	-.003489	.0058683
#2	.0013657	.0181183	-.005545	-.002759	-.002174	.0054655
#3	.0014911	.0153834	-.007034	-.001553	-.001738	.0053266

Elem	Sr4077
Units	ppm
Avg	.1086849
Stddev	.0023761
%RSD	2.186181

#1	.1068242
#2	.1078692
#3	.1113614

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2851.426	3570.791	67255.09	11043.77	4696.529
Stddev	40.973	22.210	1126.00	157.71	28.956
%RSD	1.436916	.6219836	1.674227	1.428038	.6165457

#1	2898.707	3550.606	68544.07	11170.23	4667.987
#2	2829.232	3567.185	66463.02	11094.03	4695.718
#3	2826.338	3594.584	66758.18	10867.06	4725.883

Sample Name: ICSAB Acquired: 2/23/2018 11:56:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0975248	.1033125	.0390603	.0286698	.5788712	245.2437
Stddev	.0028221	.0009745	.0019420	.0048514	.0046007	.3049
%RSD	2.893757	.9432427	4.971783	16.92176	.7947751	.1243193

#1	.1007084	.1035004	.0371730	.0280369	.5765466	245.3650
#2	.0965355	.1022577	.0410527	.0338065	.5758966	245.4692
#3	.0953305	.1041793	.0389551	.0241658	.5841704	244.8968

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5303151	.5224798	1.028317	257.2935	.5332441	.5088011
Stddev	.0021055	.0039205	.003289	.9471	.0019392	.0025548
%RSD	.3970369	.7503678	.3198402	.3680867	.3636604	.5021110

#1	.5298109	.5236529	1.026222	256.6381	.5318268	.5067769
#2	.5285075	.5181067	1.026620	256.8629	.5354541	.5079549
#3	.5326270	.5256800	1.032107	258.3793	.5324514	.5116716

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5127722	102.2773	.5313437	253.3882	1.027479	F .0715090
Stddev	.0032035	.4684	.0054693	1.3274	.004505	.0003063
%RSD	.6247418	.4579596	1.029335	.5238482	.4384841	.4282915

#1	.5099244	101.9461	.5274846	252.1689	1.023573	.0714271
#2	.5162406	102.0726	.5289439	253.1937	1.026457	.0712520
#3	.5121516	102.8132	.5376027	254.8022	1.032408	.0718479

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003709	.5217639	1.141461	-1.07108	.0119966	F .1674062
Stddev	.169018	.0069539	.012295	.03836	.0023779	.0013633
%RSD	4557.283	1.332775	1.077165	3.581496	19.82132	.8143988

#1	-.123533	.5254864	1.139513	-1.08978	.0117627	.1681816
#2	-.077208	.5260641	1.130256	-1.09652	.0144828	.1658320
#3	.189615	.5137411	1.154614	-1.02696	.0097443	.1682050

Sample Name: ICSAB Acquired: 2/23/2018 11:56:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023245	.0209635	-.003983	-.001881	-.002363	.0053120
Stddev	.0001435	.0052797	.000673	.000274	.000879	.0012745
%RSD	6.171524	25.18503	16.89234	14.54588	37.19213	23.99329

#1	.0024890	.0269509	-.004710	-.002059	-.003264	.0067193
#2	.0022253	.0169758	-.003383	-.001566	-.002315	.0042355
#3	.0022593	.0189638	-.003855	-.002017	-.001509	.0049811

Elem	Sr4077
Units	ppm
Avg	.1043961
Stddev	.0002987
%RSD	.2861008

#1	.1041098
#2	.1047058
#3	.1043726

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2867.385	3635.181	68509.10	11426.33	4792.368
Stddev	17.885	14.443	290.73	11.83	20.572
%RSD	.6237251	.3973065	.4243622	.1035291	.4292710

#1	2859.846	3645.976	68217.89	11424.27	4806.046
#2	2887.805	3640.792	68799.35	11415.67	4802.349
#3	2854.504	3618.775	68510.06	11439.06	4768.709

Sample Name: CCV010 Acquired: 2/23/2018 12:00:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.921176	4.915943	24.55571	4.890257	4.923522	405.5862	10.38255
Stddev	.040163	.002309	.14227	.031040	.037450	5.1496	.12821
%RSD	.8161195	.0469672	.5793844	.6347216	.7606369	1.269666	1.234836

#1	4.904075	4.916908	24.50981	4.882124	4.909855	411.3794	10.52211
#2	4.892394	4.917612	24.44206	4.864094	4.894825	403.8506	10.35553
#3	4.967059	4.913308	24.71527	4.924554	4.965886	401.5287	10.27000

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5122564	2.474375	405.1104	14.99476	2.482700	15.37118	403.2087
Stddev	.0041915	.011501	4.5784	.05558	.012582	.17355	4.7629
%RSD	.8182371	.4647993	1.130157	.3706650	.5068006	1.129069	1.181244

#1	.5170750	2.475076	410.1023	15.05892	2.485038	15.56400	408.5178
#2	.5094538	2.462540	404.1217	14.96380	2.469112	15.32204	401.7969
#3	.5102405	2.485510	401.1071	14.96155	2.493949	15.22749	399.3113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.98270	401.2420	2.469656	1.250756	401.9015	2.543331	14.39230
Stddev	.16817	4.8648	.017592	.005114	4.3770	.025906	.12997
%RSD	1.122430	1.212431	.7123451	.4088645	1.089080	1.018599	.9030498

#1	15.16503	406.6516	2.464371	1.254590	406.5881	2.573226	14.49034
#2	14.94939	399.8478	2.455312	1.252729	401.1971	2.527466	14.44168
#3	14.83368	397.2265	2.489285	1.244950	397.9195	2.529300	14.24488

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.0914	5.107593	5.438441	4.851088	5.140668	4.992069	4.939344
Stddev	1.5426	.016248	.055972	.038790	.019820	.042491	.024775
%RSD	.9946479	.3181186	1.029200	.7996245	.3855498	.8511645	.5015756

#1	156.7261	5.123487	5.503068	4.837598	5.159537	5.040584	4.933040
#2	154.8869	5.108281	5.406766	4.820843	5.142448	4.961474	4.918330
#3	153.6613	5.091012	5.405489	4.894822	5.120018	4.974148	4.966661

Sample Name: CCV010 Acquired: 2/23/2018 12:00:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV010 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.082592	5.232028	5.147369
Stddev	.052013	.056194	.058761
%RSD	1.023362	1.074037	1.141576

#1	5.138804	5.293199	5.187580
#2	5.072805	5.220186	5.174594
#3	5.036168	5.182698	5.079934

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2609.482	3281.515	63695.06	10878.12	4274.815
Stddev	17.650	25.863	391.71	88.55	21.623
%RSD	.6763854	.7881294	.6149716	.8140216	.5058176

#1	2599.761	3293.233	63518.06	10779.65	4280.874
#2	2598.830	3299.445	63423.08	10903.50	4292.763
#3	2629.856	3251.868	64144.02	10951.21	4250.810

Sample Name: CCB010 Acquired: 2/23/2018 12:04:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005203	-.001159	.0004262	-.000603	-.000376	.0006024	.0005291
Stddev	.0015519	.000744	.0003635	.001556	.000795	.0099118	.0000825
%RSD	298.2723	64.18009	85.27268	257.9808	211.5282	1645.433	15.59953

#1	.0022740	-.001083	.0000524	-.001003	-.000680	.0111825	.0004890
#2	-.000675	-.000456	.0004480	.001114	.000526	-.000908	.0006241
#3	-.000038	-.001937	.0007783	-.001921	-.000973	-.008468	.0004743

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000042	.0000179	-.002029	-.000279	.0002632	.0005785	.0059590
Stddev	.0000113	.0000199	.008447	.000172	.0001101	.0008084	.0055777
%RSD	270.2666	110.6692	416.2552	61.45615	41.81727	139.7461	93.60201

#1	-.000000	-.000004	-.003589	-.000120	.0002249	.0000686	-.000208
#2	.000017	.000035	.007089	-.000257	.0003873	.0001563	.010651
#3	-.000004	.000023	-.009588	-.000461	.0001774	.0015106	.007435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	.0098270	.0002675	-.000416	-.157605	.0002760	-.000209
Stddev	.000106	.0267661	.0000402	.000043	.131444	.0010834	.006152
%RSD	994.3247	272.3739	15.03079	10.42652	83.40121	392.6009	2948.987

#1	.000110	.0315235	.0003110	-.000465	-.081161	.0004843	-.003657
#2	-.000054	.0180409	.0002317	-.000384	-.309382	.0012402	-.003863
#3	-.000088	-.020084	.0002597	-.000398	-.082271	-.000897	.006894

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.202436	-.000008	.0017591	.0001588	.0020384	-.002390	-.000445
Stddev	.060871	.003157	.0004763	.0001493	.0012667	.000650	.000325
%RSD	30.06920	40274.60	27.07888	94.02802	62.14408	27.17925	73.20227

#1	-.148101	.003190	.0022110	.0002604	.0034385	-.002534	-.000737
#2	-.268217	-.000090	.0012616	-.000013	.0009718	-.002956	-.000503
#3	-.190988	-.003123	.0018047	.000229	.0017048	-.001681	-.000094

Sample Name: CCB010 Acquired: 2/23/2018 12:04:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB010 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003574	.0035229	-.000005
Stddev	.0005231	.0011123	.000052
%RSD	146.3754	31.57291	1070.289

#1	-.000205	.0047989	.000040
#2	.000830	.0030116	-.000062
#3	.000447	.0027582	.000008

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3186.981	4080.969	75287.39	11705.95	6008.360
Stddev	34.316	27.541	373.42	83.52	40.539
%RSD	1.076765	.6748677	.4959885	.7134552	.6747028

#1	3180.439	4088.930	75226.36	11801.94	6018.962
#2	3156.406	4103.652	74948.25	11666.02	6042.544
#3	3224.097	4050.324	75687.56	11649.90	5963.573

Sample Name: PB106518BL Acquired: 2/23/2018 12:08:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003420	.0000681	.0001219	-.001070	-.000534	.0065068	.0005060
Stddev	.0028430	.0007342	.0021217	.001560	.001387	.0030094	.0002444
%RSD	831.3606	1078.084	1740.271	145.7495	259.7178	46.24930	48.29323

#1	.0000052	.0008366	-.001268	.000306	.000316	.0099523	.0002386
#2	.0033383	-.000006	.002564	-.000752	.000216	.0043933	.0005619
#3	-.002318	-.000626	-.000930	-.002764	-.002134	.0051747	.0007177

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000035	-.000031	-.010560	-.000018	.0000629	.0015363	.0017674
Stddev	.000052	.000022	.006940	.000185	.0001765	.0021826	.0088519
%RSD	147.0094	71.49188	65.72058	1040.528	280.4894	142.0698	500.8463

#1	-.000072	-.000055	-.015423	-.000227	.0002220	.0040477	.0069921
#2	.000024	-.000028	-.002612	.000127	.0000937	.0004623	.0067632
#3	-.000059	-.000011	-.013644	.000046	-.000127	.0000988	-.008453

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000136	-.001088	.0003717	-.000294	-.003093	-.000213	-.001965
Stddev	.0004111	.019896	.0002390	.000091	.138275	.003425	.004593
%RSD	3017.929	1828.407	64.30817	31.02005	4470.588	1606.945	233.7829

#1	-.000457	-.018551	.0006385	-.000230	-.130195	.003692	-.003587
#2	.000197	.020571	.0001770	-.000398	-.023232	-.001624	.003219
#3	.000301	-.005285	.0002996	-.000253	.144147	-.002708	-.005526

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.208969	.0008108	-.000414	-.000061	.0026735	-.002148	-.000711
Stddev	.054166	.0010690	.000443	.000212	.0028400	.000303	.000181
%RSD	25.92080	131.8457	107.0232	347.3626	106.2260	14.10895	25.48967

#1	-.209083	.0015176	.000067	.000162	.0026204	-.001885	-.000651
#2	-.154746	.0013339	-.000504	-.000085	-.000140	-.002479	-.000915
#3	-.263079	-.000419	-.000806	-.000261	.005540	-.002078	-.000568

Sample Name: PB106518BL Acquired: 2/23/2018 12:08:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003864	.0023940	.0000100
Stddev	.0007028	.0006971	.0000287
%RSD	181.8615	29.11935	287.0491

#1	.0011975	.0030104	.0000337
#2	-.000043	.0016375	.0000181
#3	.000005	.0025340	-.000022

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3226.512	4100.153	76264.26	11718.23	6052.057
Stddev	33.143	13.102	645.69	75.10	17.243
%RSD	1.027220	.3195401	.8466421	.6408858	.2849159

#1	3191.480	4105.392	75704.83	11711.59	6063.231
#2	3257.372	4109.825	76970.81	11646.67	6060.743
#3	3230.685	4085.243	76117.14	11796.43	6032.199

Sample Name: PB106518BS Acquired: 2/23/2018 12:12:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210760	.0514925	.0180678	.0670880	.1104794	.3997585
Stddev	.0014968	.0008114	.0019036	.0012343	.0018093	.0054422
%RSD	7.101762	1.575754	10.53567	1.839877	1.637660	1.361368

#1	.0226477	.0516538	.0164705	.0684532	.1085452	.3983645
#2	.0196675	.0506125	.0175588	.0660507	.1107627	.3951488
#3	.0209127	.0522110	.0201742	.0667602	.1121303	.4057620

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3983749	.0106991	.0100120	10.38029	.0201870	.0949144
Stddev	.0014349	.0000356	.0000847	.05084	.0000442	.0007228
%RSD	.3601956	.3332499	.8455667	.4897782	.2188665	.7615241

#1	.3994850	.0107329	.0099153	10.40613	.0202366	.0942382
#2	.3988852	.0107027	.0100477	10.41302	.0201518	.0948287
#3	.3967546	.0106618	.0100729	10.32171	.0201727	.0956762

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526462	.2177486	.0309447	9.713191	.0797101	.0196380
Stddev	.0002159	.0017230	.0000863	.091665	.0009136	.0002199
%RSD	.4101948	.7912970	.2788245	.9437118	1.146207	1.119977

#1	.0528404	.2194177	.0309475	9.802065	.0790746	.0194138
#2	.0526846	.2178517	.0308570	9.718539	.0792987	.0196466
#3	.0524137	.2159763	.0310295	9.618970	.0807572	.0198534

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.451949	.1015263	.1274874	9.701442	.0250477	F .0197984
Stddev	.070182	.0004053	.0073517	.077281	.0009403	.0010457
%RSD	.7425120	.3992057	5.766597	.7965893	3.753907	5.281813

#1	9.466421	.1011541	.1333310	9.717258	.0243188	.0192079
#2	9.375659	.1014668	.1192330	9.769591	.0261090	.0210058
#3	9.513766	.1019581	.1298983	9.617477	.0247153	.0191814

Sample Name: PB106518BS Acquired: 2/23/2018 12:12:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201283	.1767184	.1877248	F .0131786	.2019731	.0989844
Stddev	.0002990	.0020609	.0021008	.0002714	.0030155	.0001749
%RSD	1.485376	1.166184	1.119108	2.059653	1.493020	.1766533

#1	.0199360	.1759912	.1886760	.0132923	.2003377	.0987869
#2	.0204727	.1751197	.1891819	.0133747	.2054530	.0991196
#3	.0199760	.1790443	.1853166	.0128688	.2001287	.0990466

Elem	Sr4077
Units	ppm
Avg	.2016514
Stddev	.0005908
%RSD	.2929633

#1	.2019969
#2	.2019880
#3	.2009693

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3223.170	4010.900	75882.68	11819.18	5796.569
Stddev	12.814	18.172	447.42	30.73	28.158
%RSD	.3975506	.4530597	.5896214	.2599936	.4857628

#1	3230.385	4030.719	75998.70	11813.64	5826.382
#2	3208.375	4006.961	75388.68	11791.60	5792.900
#3	3230.748	3995.021	76260.66	11852.31	5770.427

Sample Name: J1531-01 Acquired: 2/23/2018 12:16:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA662 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0914395	.0081159	22.96405	-.044120	.0088962	82.00220	1.241179
Stddev	.0014684	.0062198	.00141	.003882	.0021989	.29237	.003874
%RSD	1.605904	76.63753	.0061234	8.798603	24.71682	.3565343	.3121338

#1	.0900216	.0147434	22.96307	-.046284	.0063665	82.30564	1.237775
#2	.0929537	.0071988	22.96342	-.046438	.0099729	81.97864	1.240366
#3	.0913433	.0024055	22.96566	-.039639	.0103492	81.72233	1.245394

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111209	.1863886	531.9921	.1784000	.3102946	.7047889	250.5550
Stddev	.0000254	.0003161	1.7237	.0007291	.0000843	.0041681	1.0797
%RSD	.2282674	.1696160	.3240157	.4086858	.0271733	.5913906	.4309400

#1	.0111375	.1860411	530.9512	.1784996	.3102968	.7074637	249.9786
#2	.0110917	.1866593	531.0434	.1776263	.3103778	.7069165	249.8858
#3	.0111336	.1864652	533.9818	.1790742	.3102092	.6999864	251.8006

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.22228	260.6964	.2722323	.0003554	.8085872	.2458788	10.04944
Stddev	.06702	1.1987	.0007742	.0002715	.1227534	.0046264	.02398
%RSD	.2766891	.4597944	.2843826	76.39262	15.18122	1.881569	.2386505

#1	24.18696	259.8943	.2730738	.0004292	.6993056	.2510828	10.02478
#2	24.18032	260.1205	.2715503	.0000546	.7850517	.2443219	10.05086
#3	24.29958	262.0743	.2720727	.0005824	.9414043	.2422317	10.07268

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.745400	6.148748	.4484845	.0052939	8.749019	18.06327	.0064590
Stddev	.058935	.061515	.0010657	.0001261	.074701	.06771	.0005715
%RSD	.7609028	1.000450	.2376220	2.382799	.8538246	.3748253	8.848315

#1	7.811533	6.082644	.4479190	.0052493	8.662972	18.14007	.0058304
#2	7.698434	6.159287	.4478208	.0051961	8.786824	18.01223	.0065993
#3	7.726235	6.204313	.4497138	.0054363	8.797260	18.03750	.0069473

Sample Name: J1531-01 Acquired: 2/23/2018 12:16:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA662 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7173816	.0754280	.1697056
Stddev	.0027052	.0012615	.0004002
%RSD	.3770996	1.672514	.2358075

#1	.7203855	.0745988	.1701677
#2	.7151377	.0768799	.1694772
#3	.7166215	.0748054	.1694719

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3221.712	4022.159	77654.67	13075.32	4636.135
Stddev	19.348	7.193	139.84	49.02	2.146
%RSD	.6005444	.1788256	.1800816	.3749234	.0462933

#1	3238.294	4015.917	77815.57	13025.85	4637.460
#2	3226.386	4020.535	77562.44	13123.88	4633.659
#3	3200.455	4030.025	77586.00	13076.24	4637.286

Sample Name: J1531-02 Acquired: 2/23/2018 12:20:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA663 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0945169	.0060070	15.63590	-.038345	.0056638	76.44319	1.413332
Stddev	.0019565	.0025500	.09432	.002475	.0008498	.53188	.001180
%RSD	2.070026	42.45045	.6032067	6.455505	15.00409	.6957831	.0834902

#1	.0966795	.0035288	15.60503	-.038484	.0048185	75.82993	1.414368
#2	.0928695	.0058689	15.74178	-.040747	.0065180	76.77867	1.412047
#3	.0940018	.0086232	15.56088	-.035802	.0056549	76.72097	1.413582

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094909	.1127719	281.6975	.1252031	.1827582	.1949703	217.8541
Stddev	.0001401	.0005091	1.6256	.0002904	.0006996	.0017807	1.8350
%RSD	1.476099	.4514524	.5770672	.2319090	.3828041	.9133379	.8423225

#1	.0096426	.1126193	283.5701	.1255293	.1823517	.1957408	219.9563
#2	.0093665	.1133399	280.8724	.1249730	.1835660	.1929340	217.0331
#3	.0094634	.1123565	280.6498	.1251071	.1823568	.1962360	216.5729

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.12642	134.6511	.1818282	-.003946	1.429706	.2893826	7.032265
Stddev	.13944	1.1937	.0009627	.000120	.203514	.0056717	.020441
%RSD	.7692675	.8865095	.5294465	3.035455	14.23464	1.959919	.2906715

#1	18.28107	136.0059	.1811948	-.003935	1.662540	.2831006	7.019224
#2	18.08792	134.1932	.1829360	-.003832	1.340840	.2909207	7.055823
#3	18.01028	133.7541	.1813537	-.004071	1.285739	.2941266	7.021749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.632842	5.550792	.3877115	.0049478	5.940495	16.88471	.0041297
Stddev	.089021	.033212	.0033511	.0000712	.023889	.19281	.0006480
%RSD	1.342127	.5983335	.8643386	1.440030	.4021372	1.141940	15.69228

#1	6.560404	5.586499	.3914098	.0050290	5.967793	17.10534	.0041753
#2	6.732222	5.545054	.3868483	.0048959	5.930281	16.80032	.0047538
#3	6.605900	5.520822	.3848764	.0049186	5.923410	16.74849	.0034601

Sample Name: J1531-02 Acquired: 2/23/2018 12:20:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA663 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7171501	.0602982	.1177101
Stddev	.0021370	.0005916	.0001544
%RSD	.2979860	.9810932	.1311767

#1	.7182614	.0597686	.1178344
#2	.7185025	.0601893	.1177587
#3	.7146864	.0609366	.1175372

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3215.939	4072.975	77169.07	12832.10	4844.097
Stddev	36.731	18.352	436.16	76.10	25.167
%RSD	1.142152	.4505803	.5652058	.5930321	.5195489

#1	3173.636	4082.460	76667.27	12753.97	4852.698
#2	3239.737	4051.821	77382.77	12836.34	4815.757
#3	3234.444	4084.643	77457.18	12905.99	4863.837

Sample Name: J1531-03 Acquired: 2/23/2018 12:24:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA664 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0727652	.0039077	2.234728	-.027436	.0043356	82.25321	2.085977
Stddev	.0010291	.0024150	.002568	.002593	.0012720	.23649	.004603
%RSD	1.414341	61.80105	.1149343	9.452885	29.33971	.2875116	.2206693

#1	.0733458	.0030886	2.232242	-.025036	.0029159	82.22130	2.080909
#2	.0715769	.0066257	2.237372	-.027084	.0047190	82.03430	2.087124
#3	.0733728	.0020088	2.234571	-.030187	.0053717	82.50403	2.089898

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095056	.0084551	44.07421	.1033867	.1487930	.1969977	188.5884
Stddev	.0000992	.0000476	.09935	.0058646	.0002638	.0015597	.4558
%RSD	1.043409	.5634080	.2254116	5.672518	.1773263	.7917214	.2416682

#1	.0095224	.0084721	43.97485	.1094025	.1488613	.1987286	188.3650
#2	.0095953	.0084013	44.07423	.1030716	.1490160	.1965629	189.1127
#3	.0093991	.0084919	44.17355	.0976860	.1485017	.1957015	188.2874

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.93859	21.87975	.1511247	-.008493	.4418627	.2830911	1.245641
Stddev	.01355	.04864	.0003490	.000822	.0992577	.0012293	.032771
%RSD	.1047479	.2223274	.2309224	9.680123	22.46348	.4342318	2.630839

#1	12.94082	21.89890	.1511710	-.009442	.5423274	.2824379	1.282369
#2	12.95089	21.91591	.1507549	-.008021	.4394029	.2823263	1.235168
#3	12.92406	21.82445	.1514483	-.008016	.3438577	.2845090	1.219387

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.735563	4.435078	.3299004	.0041194	3.117271	19.59513	.0038540
Stddev	.076737	.009502	.0056820	.0001984	.004323	.28825	.0010087
%RSD	1.139288	.2142490	1.722350	4.816458	.1386723	1.471053	26.17193

#1	6.819186	4.424846	.3233403	.0041449	3.117595	19.90608	.0048312
#2	6.719129	4.443624	.3330832	.0039095	3.121422	19.54247	.0039145
#3	6.668374	4.436764	.3332777	.0043039	3.112795	19.33684	.0028165

Sample Name: J1531-03 Acquired: 2/23/2018 12:24:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA664 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9326620	.0504025	.0996909
Stddev	.0055066	.0006519	.0001576
%RSD	.5904132	1.293476	.1580385

#1	.9341217	.0503976	.0998727
#2	.9265726	.0497530	.0996064
#3	.9372916	.0510568	.0995937

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3482.788	4569.670	82781.95	13350.39	5654.512
Stddev	79.099	7.279	2200.47	17.72	3.680
%RSD	2.271131	.1592799	2.658157	.1326967	.0650871

#1	3398.235	4565.702	80543.98	13333.93	5654.534
#2	3495.152	4578.070	82858.98	13348.09	5650.821
#3	3554.976	4565.237	84942.90	13369.14	5658.182

Sample Name: J1531-04 Acquired: 2/23/2018 12:28:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA665 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0859345	.0132131	35.11501	-.044257	.0074798	62.39502	1.969382
Stddev	.0038960	.0027736	.61095	.003777	.0014788	.07179	.005483
%RSD	4.533734	20.99158	1.739866	8.534703	19.77034	.1150515	.2784288

#1	.0829615	.0100105	34.62605	-.045380	.0091861	62.47789	1.964727
#2	.0844968	.0147871	34.91909	-.040045	.0065692	62.35516	1.967993
#3	.0903450	.0148416	35.79989	-.047345	.0066841	62.35201	1.975426

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099797	.2643623	766.3814	.0835077	.2751678	.4017000	226.3609
Stddev	.0001744	.0052640	9.6385	.0005447	.0056237	.0003192	.1634
%RSD	1.747668	1.991194	1.257664	.6523111	2.043730	.0794611	.0721902

#1	.0101514	.2606312	777.1776	.0837455	.2711382	.4020640	226.2849
#2	.0098027	.2620723	758.6418	.0838932	.2727727	.4015677	226.2492
#3	.0099850	.2703834	763.3248	.0828845	.2815926	.4014682	226.5484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.38955	369.9246	.2258760	.0089838	2.699396	.1922791	14.52912
Stddev	.01793	.1180	.0043332	.0007256	.110926	.0020523	.09565
%RSD	.0654502	.0319115	1.918404	8.077115	4.109276	1.067340	.6583505

#1	27.40259	369.7935	.2224609	.0095240	2.581433	.1901734	14.41877
#2	27.39696	370.0226	.2244166	.0081590	2.801598	.1923907	14.58019
#3	27.36911	369.9576	.2307505	.0092683	2.715157	.1942734	14.58840

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.087227	7.439626	.4145972	.0059527	9.164389	15.52931	.0085347
Stddev	.093396	.117032	.0046296	.0003485	.180143	.09310	.0003863
%RSD	1.835899	1.573093	1.116655	5.854826	1.965686	.5994917	4.526235

#1	5.194773	7.403569	.4102977	.0056202	9.090359	15.61899	.0085058
#2	5.026505	7.344865	.4194982	.0059228	9.033056	15.53579	.0081636
#3	5.040404	7.570444	.4139957	.0063153	9.369753	15.43314	.0089346

Sample Name: J1531-04 Acquired: 2/23/2018 12:28:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA665 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6879261	.0769383	.3093102
Stddev	.0009169	.0004810	.0008180
%RSD	.1332904	.6251147	.2644756

#1	.6870882	.0771791	.3100496
#2	.6889056	.0772513	.3084314
#3	.6877845	.0763845	.3094494

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3027.276	3763.122	73197.67	12476.30	4298.152
Stddev	7.531	44.794	177.80	95.84	59.948
%RSD	.2487553	1.190351	.2428987	.7681992	1.394741

#1	3035.711	3793.707	73170.44	12387.25	4340.110
#2	3021.228	3783.953	73035.06	12463.93	4324.853
#3	3024.890	3711.705	73387.51	12577.73	4229.493

Sample Name: J1531-05 Acquired: 2/23/2018 12:32:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA666 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1040776	.0001157	5.271118	-.034170	.0069088	74.45140	3.416080
Stddev	.0013979	.0005816	.177116	.001342	.0011580	.32193	.001681
%RSD	1.343165	502.9471	3.360117	3.926888	16.76057	.4324082	.0492115

#1	.1046581	-.000414	5.474616	-.035437	.0061533	74.22649	3.416961
#2	.1050918	.000022	5.151728	-.032764	.0082419	74.82018	3.417138
#3	.1024830	.000738	5.187008	-.034310	.0063311	74.30753	3.414142

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102280	.0186552	133.9548	.1394898	.1423099	.3438213	200.9276
Stddev	.0002192	.0007560	.1496	.0003787	.0049752	.0006497	.4568
%RSD	2.143507	4.052395	.1117079	.2715024	3.496040	.1889703	.2273368

#1	.0104758	.0195070	134.1141	.1392589	.1480380	.3437507	201.2337
#2	.0100590	.0180641	133.9330	.1392837	.1390655	.3445035	200.4026
#3	.0101493	.0183944	133.8172	.1399269	.1398262	.3432098	201.1466

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.82407	56.75547	.1645446	-.010060	.6128229	.3190029	2.045756
Stddev	.02996	.15669	.0060365	.000536	.1232249	.0024485	.033291
%RSD	.2336187	.2760734	3.668589	5.330330	20.10775	.7675551	1.627298

#1	12.85846	56.87106	.1715118	-.010678	.6603183	.3192443	2.043667
#2	12.80365	56.57714	.1608805	-.009775	.4729180	.3213218	2.080042
#3	12.81009	56.81822	.1612416	-.009726	.7052326	.3164426	2.013559

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.957979	6.709167	.3525649	.0047789	4.620331	9.135608	.0044055
Stddev	.152179	.222846	.0016600	.0001673	.154088	.102771	.0006058
%RSD	2.554200	3.321512	.4708428	3.500366	3.335003	1.124949	13.75015

#1	6.123442	6.962584	.3544817	.0049447	4.796568	9.251620	.0050461
#2	5.926481	6.543792	.3516136	.0046102	4.511033	9.055975	.0043283
#3	5.824014	6.621124	.3515994	.0047817	4.553392	9.099228	.0038420

Sample Name: J1531-05 Acquired: 2/23/2018 12:32:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA666 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7209896	.0505465	.1173894
Stddev	.0033966	.0013145	.0001328
%RSD	.4711082	2.600653	.1131281

#1	.7191150	.0501280	.1172708
#2	.7249104	.0494921	.1175329
#3	.7189433	.0520193	.1173645

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3345.880	4229.587	79848.77	12989.49	5191.295
Stddev	50.190	97.832	517.94	97.48	147.812
%RSD	1.500040	2.313049	.6486488	.7504671	2.847311

#1	3306.666	4117.135	79448.92	12876.97	5021.307
#2	3328.531	4295.149	79663.53	13048.46	5289.583
#3	3402.442	4276.476	80433.85	13043.03	5262.993

Sample Name: J1531-06 Acquired: 2/23/2018 12:36:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA667 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1074873	.0007555	17.07675	-.041286	.0082678	81.21725	5.308731
Stddev	.0038846	.0028831	.06841	.001458	.0022238	.15329	.013191
%RSD	3.614045	381.6298	.4006176	3.530286	26.89696	.1887359	.2484770

#1	.1053741	-.001122	17.01672	-.039845	.0108257	81.14802	5.296660
#2	.1051173	.004075	17.06229	-.042760	.0067938	81.39295	5.306721
#3	.1119704	-.000687	17.15124	-.041253	.0071839	81.11080	5.322811

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113824	.0968917	365.6283	.1210979	.2230735	.5440864	243.2668
Stddev	.0000357	.0004130	1.0632	.0004123	.0014672	.0028967	1.0551
%RSD	.3138792	.4262976	.2907969	.3404331	.6577197	.5323971	.4337028

#1	.0114236	.0966493	364.4061	.1210457	.2217439	.5445604	242.1470
#2	.0113635	.0966572	366.1380	.1215338	.2228290	.5409820	243.4111
#3	.0113601	.0973687	366.3406	.1207142	.2246476	.5467169	244.2423

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.38994	172.9885	.2071932	-.005651	1.053991	.3274746	5.801818
Stddev	.04471	.7071	.0010421	.000441	.187972	.0021569	.021186
%RSD	.2571216	.4087290	.5029621	7.810514	17.83427	.6586584	.3651676

#1	17.33877	172.1826	.2066339	-.005161	.896022	.3256847	5.780070
#2	17.40963	173.2779	.2065501	-.006017	1.004067	.3268698	5.822395
#3	17.42143	173.5049	.2083956	-.005774	1.261885	.3298694	5.802990

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.920167	5.135958	.4304419	.0060090	7.229413	10.64857	.0084044
Stddev	.019929	.020372	.0051775	.0001427	.049519	.04673	.0004304
%RSD	.2879835	.3966619	1.202835	2.374864	.6849612	.4387931	5.121440

#1	6.942717	5.126301	.4246944	.0060374	7.194896	10.68980	.0088054
#2	6.904921	5.122210	.4318904	.0061354	7.207194	10.65809	.0084581
#3	6.912862	5.159363	.4347409	.0058543	7.286150	10.59782	.0079496

Sample Name: J1531-06 Acquired: 2/23/2018 12:36:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA667 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6696579	.0675633	.1753129
Stddev	.0034426	.0011788	.0004239
%RSD	.5140842	1.744715	.2417937

#1	.6702425	.0667442	.1750325
#2	.6727707	.0689143	.1758005
#3	.6659603	.0670314	.1751057

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3212.201	4012.712	77217.32	12891.49	4725.530
Stddev	11.684	21.267	530.23	52.70	21.709
%RSD	.3637532	.5299966	.6866661	.4087794	.4593922

#1	3225.693	4028.182	77820.53	12928.96	4737.632
#2	3205.492	4021.494	76824.91	12831.23	4738.490
#3	3205.418	3988.461	77006.53	12914.28	4700.467

Sample Name: J1531-07 Acquired: 2/23/2018 12:40:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA668 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0870108	.0052168	18.09776	-.037118	.0078057	41.49561
Stddev	.0070690	.0061584	.49537	.008184	.0008925	.62116
%RSD	8.124274	118.0495	2.737168	22.04835	11.43397	1.496920

#1	.0928132	.0080098	18.66839	-.046566	.0067779	41.09514
#2	.0890816	-.001843	17.84682	-.032567	.0083857	41.18053
#3	.0791377	.009484	17.77809	-.032221	.0082534	42.21117

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.710996	.0070053	.0267215	F 1081.613	.1066803	.1778067
Stddev	.029427	.0001552	.0008603	12.405	.0011443	.0046535
%RSD	1.719892	2.216017	3.219438	1.146921	1.072623	2.617181

#1	1.696144	.0069330	.0277019	1078.901	.1054120	.1831077
#2	1.691955	.0068995	.0263700	1070.788	.1076353	.1759178
#3	1.744890	.0071836	.0260927	1095.150	.1069936	.1743946

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4875408	188.0719	17.98688	393.2029	.2142419	-.010056
Stddev	.0037301	3.7923	.36978	8.5700	.0067304	.000400
%RSD	.7650827	2.016401	2.055810	2.179541	3.141505	3.973092

#1	.4866983	186.7670	17.85143	389.8715	.2220079	-.010430
#2	.4843040	185.1043	17.70392	386.7988	.2106127	-.009635
#3	.4916201	192.3443	18.40528	402.9384	.2101049	-.010103

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.355202	.1387834	1.665298	10.59689	8.980758	.3683917
Stddev	.087986	.0049421	.029408	.22568	.228348	.0090487
%RSD	6.492488	3.561044	1.765907	2.129707	2.542638	2.456264

#1	1.373876	.1333999	1.651569	10.50842	9.242862	.3681150
#2	1.259377	.1398355	1.645265	10.42885	8.874585	.3594846
#3	1.432351	.1431148	1.699059	10.85341	8.824826	.3775756

Sample Name: J1531-07 Acquired: 2/23/2018 12:40:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA668 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037046	24.33910	7.948491	.0010746	.3796958	.0612598
Stddev	.0003019	.62274	.131466	.0014554	.0060181	.0010522
%RSD	8.148157	2.558608	1.653974	135.4408	1.584985	1.717622

#1	.0040336	25.05118	7.879236	.0027104	.3764977	.0621330
#2	.0036397	24.06975	7.866130	-.000077	.3759519	.0600916
#3	.0034404	23.89638	8.100106	.000590	.3866378	.0615549

Elem	Sr4077
Units	ppm
Avg	.5697302
Stddev	.0077342
%RSD	1.357518

#1	.5660173
#2	.5645526
#3	.5786208

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2912.105	3702.110	70389.83	12435.38	4277.454
Stddev	27.981	76.377	567.34	168.94	102.216
%RSD	.9608490	2.063078	.8059998	1.358521	2.389641

#1	2905.151	3614.407	70443.77	12473.48	4159.907
#2	2942.908	3737.918	70928.28	12582.02	4327.010
#3	2888.258	3754.004	69797.45	12250.65	4345.446

Sample Name: J1531-08 Acquired: 2/23/2018 12:44:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA669 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1342107	.0058325	7.874680	-.031186	.0059108	53.56967	1.925540
Stddev	.0023541	.0023418	.017480	.000344	.0020196	.02801	.013728
%RSD	1.754027	40.15040	.2219776	1.102381	34.16813	.0522811	.7129240

#1	.1333288	.0038276	7.864143	-.031582	.0074022	53.54005	1.939319
#2	.1324249	.0052637	7.865040	-.030961	.0036125	53.59572	1.925436
#3	.1368784	.0084064	7.894858	-.031017	.0067176	53.57324	1.911864

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079445	.0454635	414.7740	.1215972	.1638166	.3708282	173.7909
Stddev	.0000954	.0002314	2.5163	.0004789	.0005880	.0038908	1.6561
%RSD	1.201356	.5089705	.6066717	.3938479	.3589352	1.049212	.9529314

#1	.0080320	.0453320	416.9913	.1211687	.1634375	.3714084	175.2644
#2	.0078427	.0453279	415.2915	.1215087	.1635184	.3743962	174.1098
#3	.0079589	.0457307	412.0391	.1221142	.1644940	.3666798	171.9986

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.71929	153.2733	.1798684	-.006941	1.327031	.1858924	2.956147
Stddev	.13481	1.3508	.0002567	.000480	.152623	.0037760	.021595
%RSD	.8575791	.8813146	.1427151	6.910089	11.50106	2.031302	.7304981

#1	15.81884	154.2859	.1798837	-.007452	1.501546	.1854917	2.968626
#2	15.77316	153.7945	.1796043	-.006501	1.218511	.1898528	2.931211
#3	15.56588	151.7396	.1801170	-.006871	1.261038	.1823327	2.968602

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.476600	8.110032	.3232197	.0048939	9.027447	8.238641	.0058560
Stddev	.058989	.038931	.0068985	.0001610	.026968	.031082	.0001125
%RSD	.6959062	.4800386	2.134295	3.289431	.2987383	.3772735	1.920509

#1	8.429220	8.142316	.3305536	.0047107	9.039636	8.215241	.0057265
#2	8.542670	8.066799	.3222453	.0050128	8.996536	8.226774	.0059133
#3	8.457911	8.120982	.3168603	.0049583	9.046169	8.273909	.0059284

Sample Name: J1531-08 Acquired: 2/23/2018 12:44:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA669 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5640261	.0512094	.3125160
Stddev	.0027219	.0008207	.0005552
%RSD	.4825854	1.602729	.1776711

#1	.5612120	.0520993	.3128941
#2	.5666454	.0510470	.3127754
#3	.5642208	.0504821	.3118785

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3166.187	3940.963	76143.43	12570.95	4757.542
Stddev	24.940	8.014	409.20	64.74	10.836
%RSD	.7876977	.2033546	.5374076	.5150168	.2277577

#1	3138.514	3937.191	75687.85	12627.54	4762.129
#2	3186.927	3950.168	76479.76	12500.35	4765.329
#3	3173.121	3935.532	76262.66	12584.95	4745.167

Sample Name: J1531-09 Acquired: 2/23/2018 12:48:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA670 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0749977	.0048580	14.52745	-.037012	.0069338	69.55103	1.833044
Stddev	.0045625	.0030139	.01781	.003894	.0004377	.32675	.005963
%RSD	6.083449	62.03901	.1225662	10.52043	6.312675	.4697931	.3253168

#1	.0801908	.0060493	14.53306	-.041469	.0067943	69.34836	1.836159
#2	.0731696	.0014306	14.54177	-.035299	.0065828	69.92797	1.836805
#3	.0716329	.0070941	14.50751	-.034269	.0074242	69.37676	1.826169

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097647	.1242877	418.6754	.1188986	.2747953	.3081893	202.9684
Stddev	.0001766	.0004849	1.2090	.0005299	.0001789	.0025007	.7229
%RSD	1.808861	.3901112	.2887722	.4456924	.0651030	.8114033	.3561464

#1	.0095969	.1239860	419.4911	.1192567	.2746208	.3075651	203.7759
#2	.0099490	.1248469	419.2488	.1182898	.2747869	.3109429	202.7477
#3	.0097481	.1240300	417.2864	.1191492	.2749783	.3060598	202.3817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.68763	171.1460	.2289228	-.006115	2.407082	.2253803	8.368388
Stddev	.07436	.7720	.0005695	.000361	.119495	.0010887	.027256
%RSD	.3594382	.4511020	.2487635	5.907866	4.964312	.4830323	.3256981

#1	20.73909	171.9131	.2287643	-.005717	2.338128	.2242456	8.370188
#2	20.72143	171.1558	.2295547	-.006424	2.338056	.2264162	8.394700
#3	20.60238	170.3691	.2284493	-.006203	2.545063	.2254790	8.340277

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.704843	5.666832	.3783833	.0047175	9.126545	13.02185	.0055064
Stddev	.091292	.056260	.0015916	.0000784	.058632	.11510	.0006587
%RSD	1.361587	.9927947	.4206417	1.662867	.6424302	.8838894	11.96277

#1	6.705361	5.663833	.3797156	.0047816	9.119646	12.90636	.0051419
#2	6.795875	5.724531	.3788136	.0046300	9.188320	13.13655	.0051104
#3	6.613293	5.612131	.3766208	.0047408	9.071668	13.02263	.0062667

Sample Name: J1531-09 Acquired: 2/23/2018 12:48:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA670 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7047354	.0693790	.3008637
Stddev	.0067354	.0007376	.0011866
%RSD	.9557375	1.063143	.3943803

#1	.6995978	.0685739	.3008781
#2	.7123609	.0700222	.3020429
#3	.7022475	.0695408	.2996700

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3188.563	4001.719	76743.92	12727.24	4739.751
Stddev	13.813	3.971	406.30	71.04	10.153
%RSD	.4332082	.0992447	.5294260	.5581857	.2142105

#1	3185.431	3997.134	76412.94	12751.77	4732.571
#2	3176.585	4004.032	76621.44	12647.18	4735.314
#3	3203.673	4003.993	77197.37	12782.76	4751.367

Sample Name: J1531-10 Acquired: 2/23/2018 12:52:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA671 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0999990	.0079478	15.54040	-.036667	.0058904	76.63465	2.227376
Stddev	.0024005	.0022273	.05387	.001083	.0020872	.11163	.008159
%RSD	2.400550	28.02364	.3466330	2.953503	35.43471	.1456594	.3662946

#1	.1012592	.0084943	15.57751	-.035417	.0044454	76.75525	2.236534
#2	.0972308	.0098510	15.47861	-.037257	.0049424	76.61375	2.224712
#3	.1015069	.0054982	15.56507	-.037327	.0082834	76.53495	2.220883

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103068	.0466176	116.4744	.1243915	.2035496	.3688598	193.7030
Stddev	.0000995	.0002806	.3503	.0012449	.0008552	.0036953	.7565
%RSD	.9649718	.6018801	.3007170	1.000803	.4201398	1.001802	.3905257

#1	.0103579	.0468825	116.8101	.1235580	.2043768	.3718217	194.3670
#2	.0101921	.0463236	116.5021	.1237940	.2026690	.3700389	193.8624
#3	.0103703	.0466466	116.1112	.1258226	.2036031	.3647190	192.8795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.21527	53.76072	.2064161	-.007770	.9717054	.2744259	3.936197
Stddev	.07555	.15780	.0007737	.000368	.0439675	.0018580	.040570
%RSD	.4659368	.2935170	.3748145	4.730232	4.524773	.6770399	1.030692

#1	16.26627	53.89947	.2064327	-.008162	.9462321	.2758402	3.889917
#2	16.25106	53.79361	.2056343	-.007433	.9464095	.2751160	3.965628
#3	16.12847	53.58906	.2071813	-.007716	1.022475	.2723217	3.953046

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.636591	5.681822	.3438522	.0042408	4.338599	7.837578	.0051821
Stddev	.024381	.038591	.0030448	.0001895	.002594	.022500	.0004205
%RSD	.3192601	.6792000	.8855084	4.468023	.0597953	.2870781	8.113449

#1	7.641461	5.666217	.3458812	.0043505	4.341531	7.841947	.0047009
#2	7.658169	5.725772	.3453244	.0043498	4.336600	7.857572	.0053675
#3	7.610143	5.653478	.3403511	.0040220	4.337666	7.813214	.0054780

Sample Name: J1531-10 Acquired: 2/23/2018 12:52:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA671 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6093310	.0616079	.0904029
Stddev	.0013450	.0004322	.0002855
%RSD	.2207304	.7016026	.3158188

#1	.6087180	.0614220	.0906534
#2	.6108732	.0621019	.0904632
#3	.6084016	.0612996	.0900920

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3481.733	4347.496	82972.05	13469.72	5216.636
Stddev	32.858	14.567	1006.52	20.12	22.173
%RSD	.9437350	.3350562	1.213082	.1493975	.4250470

#1	3517.636	4340.130	83984.56	13491.62	5198.482
#2	3474.406	4364.275	82959.95	13452.05	5241.349
#3	3453.156	4338.084	81971.63	13465.50	5210.078

Sample Name: J1531-11 Acquired: 2/23/2018 12:56:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA672 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1018921	.0011937	1.919817	-.040489	.0055937	96.25318	1.771178
Stddev	.0023753	.0010658	.011262	.000617	.0015179	.12451	.003575
%RSD	2.331156	89.27872	.5866234	1.523588	27.13579	.1293544	.2018192

#1	.0993319	.0017510	1.926054	-.039861	.0069576	96.11967	1.774277
#2	.1023203	.0018653	1.926580	-.041094	.0058651	96.27375	1.767268
#3	.1040242	-.000035	1.906816	-.040512	.0039584	96.36612	1.771990

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095531	.0069428	55.91814	.1841366	.1618923	.1614788	245.9397
Stddev	.0000649	.0000332	.09823	.0003169	.0011311	.0016240	.4264
%RSD	.6796823	.4781952	.1756712	.1721244	.6986509	1.005706	.1733889

#1	.0094828	.0069347	55.89403	.1844356	.1628581	.1627743	245.5502
#2	.0095656	.0069793	55.83421	.1841698	.1621709	.1596569	245.8735
#3	.0096109	.0069144	56.02618	.1838044	.1606480	.1620051	246.3954

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.08097	28.08445	.1115294	-.013567	.5432925	.4004845	.9653125
Stddev	.02506	.01758	.0003060	.000422	.1973684	.0038672	.0030677
%RSD	.1779949	.0625917	.2743469	3.108236	36.32819	.9656340	.3177901

#1	14.05208	28.10121	.1118824	-.013801	.3210099	.3961487	.9647081
#2	14.09398	28.06615	.1113390	-.013080	.6108781	.4017274	.9686374
#3	14.09686	28.08598	.1113669	-.013820	.6979896	.4035775	.9625920

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.986885	3.008396	.4177926	.0083031	2.391862	20.13573	.0067269
Stddev	.057335	.053872	.0016370	.0002345	.041153	.19084	.0008169
%RSD	1.149720	1.790723	.3918233	2.823866	1.720553	.9477562	12.14308

#1	4.948999	2.976271	.4164829	.0085214	2.372811	20.09183	.0076039
#2	4.958810	2.978326	.4172672	.0083327	2.363685	19.97067	.0065890
#3	5.052847	3.070590	.4196278	.0080553	2.439088	20.34469	.0059878

Sample Name: J1531-11 Acquired: 2/23/2018 12:56:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA672 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7648202	.0650144	.1050385
Stddev	.0035793	.0008307	.0002729
%RSD	.4679926	1.277656	.2598233

#1	.7607429	.0640573	.1047578
#2	.7674446	.0655473	.1053029
#3	.7662730	.0654386	.1050549

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3276.418	4123.526	77939.68	12579.98	5321.905
Stddev	10.845	25.562	246.73	73.65	24.306
%RSD	.3310136	.6199067	.3165617	.5854338	.4567106

#1	3265.980	4103.330	77708.96	12633.84	5302.117
#2	3287.630	4114.984	78199.79	12610.04	5314.563
#3	3275.644	4152.266	77910.28	12496.05	5349.035

Sample Name: J1531-12 Acquired: 2/23/2018 13:00:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA673 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0672532	.0091901	14.21121	-.029435	.0055845	65.65999	1.347474
Stddev	.0002044	.0021864	.06699	.000297	.0022789	.22113	.000878
%RSD	.3038847	23.79050	.4713885	1.009762	40.80824	.3367796	.0651834

#1	.0670436	.0106767	14.15481	-.029521	.0044156	65.88507	1.348301
#2	.0672640	.0066796	14.19356	-.029104	.0041271	65.65187	1.347569
#3	.0674519	.0102139	14.28526	-.029680	.0082106	65.44304	1.346552

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102724	.1940497	162.3461	.1020399	.2060092	.1576023	179.0616
Stddev	.0001704	.0007606	.2419	.0005976	.0007820	.0007215	.0922
%RSD	1.659131	.3919798	.1490196	.5856834	.3796008	.4578050	.0514880

#1	.0103214	.1933343	162.1768	.1025296	.2057241	.1584311	179.1483
#2	.0100828	.1939663	162.6232	.1013740	.2054097	.1572607	179.0718
#3	.0104130	.1948487	162.2383	.1022162	.2068937	.1571150	178.9648

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.68134	77.91370	.1928999	-.004070	.4904307	.2379838	11.21956
Stddev	.03380	.08819	.0007729	.000283	.0540698	.0033665	.09458
%RSD	.2026410	.1131952	.4006547	6.946124	11.02496	1.414588	.8429771

#1	16.67887	77.97147	.1923415	-.004327	.4545437	.2414069	11.24466
#2	16.71632	77.81218	.1925763	-.004117	.4641290	.2346769	11.29905
#3	16.64884	77.95744	.1937820	-.003767	.5526193	.2378676	11.11496

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.426349	4.830598	.3164716	.0038732	4.733304	12.69963	.0036051
Stddev	.030223	.004981	.0043805	.0003728	.015234	.05392	.0002078
%RSD	.4702936	.1031198	1.384174	9.625383	.3218380	.4245460	5.765064

#1	6.412212	4.832931	.3189552	.0042700	4.719843	12.75053	.0036430
#2	6.461049	4.833985	.3190460	.0035302	4.730228	12.64313	.0037914
#3	6.405786	4.824879	.3114137	.0038195	4.749841	12.70522	.0033809

Sample Name: J1531-12 Acquired: 2/23/2018 13:00:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA673 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6616934	.0599583	.0755768
Stddev	.0012114	.0006894	.0001458
%RSD	.1830806	1.149849	.1929626

#1	.6628621	.0591623	.0756138
#2	.6604433	.0603457	.0757006
#3	.6617747	.0603668	.0754161

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3382.675	4248.160	81291.84	13239.34	5109.354
Stddev	34.244	15.661	843.17	39.63	19.645
%RSD	1.012339	.3686432	1.037215	.2993439	.3845003

#1	3364.508	4261.528	80859.94	13221.91	5127.501
#2	3361.341	4252.023	80752.12	13211.42	5112.069
#3	3422.174	4230.930	82263.46	13284.70	5088.493

Sample Name: J1531-13 Acquired: 2/23/2018 13:04:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA674 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2167283	.0051451	9.929463	-.038595	.0058571	82.66409	1.623788
Stddev	.0034091	.0031439	.085881	.002406	.0015742	.53433	.005414
%RSD	1.573004	61.10402	.8649124	6.233234	26.87605	.6463891	.3333990

#1	.2196427	.0031967	9.862336	-.036229	.0040639	83.16763	1.625426
#2	.2129794	.0034666	10.02624	-.041039	.0064963	82.72110	1.628194
#3	.2175628	.0087720	9.89981	-.038517	.0070112	82.10354	1.617745

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100403	.0242000	86.53774	.1701387	.1695479	.3762856	224.2391
Stddev	.0000225	.0002246	.21020	.0006229	.0013832	.0012337	.3875
%RSD	.2244621	.9281495	.2429024	.3661267	.8157888	.3278740	.1727967

#1	.0100143	.0240208	86.55259	.1694410	.1681648	.3774815	224.4299
#2	.0100540	.0244520	86.74013	.1706389	.1709311	.3763581	224.4941
#3	.0100525	.0241273	86.32051	.1703362	.1695478	.3750172	223.7932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.21365	39.34058	.1888325	-.011369	.9665194	.3275824	2.326313
Stddev	.04105	.07383	.0015085	.000124	.2625285	.0033666	.051906
%RSD	.2698426	.1876800	.7988653	1.091785	27.16226	1.027703	2.231243

#1	15.24936	39.28760	.1880889	-.011267	1.268725	.3308900	2.297377
#2	15.22281	39.42492	.1905685	-.011333	.836032	.3241598	2.295325
#3	15.16880	39.30922	.1878402	-.011507	.794801	.3276974	2.386237

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.539879	4.641864	.3929698	.0054566	4.107874	10.85215	.0087771
Stddev	.100098	.048180	.0044735	.0003041	.035046	.12270	.0004871
%RSD	1.530580	1.037943	1.138383	5.573617	.8531352	1.130662	5.549865

#1	6.585135	4.631353	.3885549	.0057970	4.101809	10.94382	.0093042
#2	6.609356	4.694432	.3928549	.0053614	4.145556	10.89987	.0086834
#3	6.425144	4.599807	.3974996	.0052116	4.076256	10.71275	.0083436

Sample Name: J1531-13 Acquired: 2/23/2018 13:04:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA674 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6999810	.0578118	.0937530
Stddev	.0069433	.0009904	.0005858
%RSD	.9919282	1.713072	.6248279

#1	.7073042	.0587748	.0941926
#2	.6991457	.0578644	.0939785
#3	.6934932	.0567961	.0930880

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3457.171	4299.632	82367.58	13258.39	5241.891
Stddev	35.479	20.169	737.04	110.95	34.451
%RSD	1.026245	.4690976	.8948178	.8368196	.6572201

#1	3483.313	4314.834	82947.27	13196.97	5268.618
#2	3471.417	4276.751	82617.37	13191.72	5203.011
#3	3416.783	4307.312	81538.11	13386.46	5254.045

Sample Name: J1531-14 Acquired: 2/23/2018 13:08:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA675 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0692983	.0051783	5.165902	-.024926	.0058287	74.68753	2.018215
Stddev	.0024905	.0019341	.041162	.002154	.0007549	.13068	.002634
%RSD	3.593898	37.35056	.7968012	8.641960	12.95206	.1749743	.1305299

#1	.0678460	.0038789	5.185873	-.025496	.0060022	74.83222	2.015251
#2	.0721740	.0042549	5.193269	-.026738	.0050021	74.57808	2.019105
#3	.0678747	.0074011	5.118564	-.022544	.0064818	74.65229	2.020289

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085798	.0267016	87.95761	.1098275	.1792739	.2033822	185.0089
Stddev	.0001531	.0002810	.23783	.0004941	.0018159	.0022520	.6535
%RSD	1.783843	1.052447	.2703899	.4498697	1.012936	1.107249	.3532181

#1	.0087557	.0269533	87.94328	.1102970	.1804930	.2036049	185.1207
#2	.0085067	.0267531	88.20229	.1098733	.1801418	.2010272	185.5993
#3	.0084770	.0263984	87.72728	.1093121	.1771869	.2055145	184.3068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.05761	40.14243	.1550173	-.009191	.5875001	.2697159	2.132672
Stddev	.05810	.12843	.0009560	.000232	.1018794	.0017196	.018974
%RSD	.3858805	.3199436	.6167275	2.523701	17.34117	.6375594	.8896736

#1	15.07245	40.26095	.1558757	-.009427	.5416943	.2677333	2.141013
#2	15.10686	40.16038	.1551893	-.008963	.5165639	.2708016	2.110957
#3	14.99353	40.00597	.1539870	-.009183	.7042421	.2706130	2.146047

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.567081	3.588202	.3250806	.0055398	3.554081	14.79457	.0054193
Stddev	.012844	.020726	.0013758	.0000942	.004594	.22333	.0005754
%RSD	.2307181	.5776037	.4232302	1.701145	.1292502	1.509517	10.61691

#1	5.565453	3.611444	.3239357	.0056248	3.556944	14.98315	.0059172
#2	5.555128	3.571640	.3246991	.0054385	3.556518	14.85260	.0047894
#3	5.580662	3.581523	.3266069	.0055561	3.548783	14.54795	.0055512

Sample Name: J1531-14 Acquired: 2/23/2018 13:08:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA675 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7990871	.0595690	.0762408
Stddev	.0039373	.0005093	.0000767
%RSD	.4927233	.8549626	.1006689

#1	.8033086	.0595245	.0763017
#2	.7984380	.0590834	.0762662
#3	.7955147	.0600991	.0761546

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3356.021	4268.807	80332.26	13007.95	5365.059
Stddev	25.534	32.921	268.57	105.04	39.882
%RSD	.7608334	.7712033	.3343217	.8074790	.7433570

#1	3346.872	4248.444	80531.20	12952.68	5342.717
#2	3384.868	4251.190	80438.82	12942.10	5341.357
#3	3336.321	4306.788	80026.77	13129.08	5411.104

Sample Name: J1531-15 Acquired: 2/23/2018 13:12:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA676 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0687948	.0065929	.8079957	-.031671	.0042250	75.09933	1.945057
Stddev	.0022515	.0023935	.0039524	.002837	.0016261	.17090	.004954
%RSD	3.272779	36.30416	.4891553	8.958568	38.48843	.2275656	.2547075

#1	.0682687	.0093101	.8076749	-.031191	.0044546	74.90524	1.941549
#2	.0712628	.0047964	.8042136	-.034718	.0057241	75.22724	1.942898
#3	.0668530	.0056723	.8120987	-.029105	.0024963	75.16551	1.950724

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101197	.0023815	52.65623	.1108852	.1389789	.1476184	178.8496
Stddev	.0000811	.0000304	.11783	.0011458	.0005526	.0026934	.3191
%RSD	.8012254	1.276967	.2237642	1.033314	.3976041	1.824597	.1783913

#1	.0100815	.0023473	52.73562	.1109168	.1386647	.1451944	179.1043
#2	.0102128	.0024056	52.52085	.1120149	.1386551	.1471427	178.4917
#3	.0100647	.0023916	52.71222	.1097240	.1396169	.1505179	178.9527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.98527	26.69214	.1715093	-.010531	.5915001	.2386944	.8073336
Stddev	.03613	.07615	.0004786	.000436	.1057592	.0025976	.0103060
%RSD	.2410860	.2853045	.2790376	4.138788	17.87984	1.088242	1.276550

#1	15.01645	26.60596	.1720532	-.010293	.6441947	.2386392	.8184012
#2	14.94568	26.72005	.1711529	-.011034	.6605596	.2361249	.7980123
#3	14.99368	26.75039	.1713217	-.010266	.4697459	.2413191	.8055874

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.844070	3.486635	.3092782	.0032266	2.077004	15.77601	.0044867
Stddev	.063098	.006397	.0013787	.0000385	.009777	.06405	.0003197
%RSD	1.302574	.1834714	.4457703	1.191995	.4707422	.4059682	7.124678

#1	4.781995	3.481115	.3108060	.0032348	2.069603	15.70313	.0042726
#2	4.908143	3.485145	.3081267	.0032603	2.073321	15.82331	.0043333
#3	4.842071	3.493646	.3089020	.0031847	2.088088	15.80158	.0048541

Sample Name: J1531-15 Acquired: 2/23/2018 13:12:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA676 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6033591	.0487768	.0681510
Stddev	.0007655	.0013579	.0001270
%RSD	.1268668	2.783920	.1863991

#1	.6041855	.0483686	.0681024
#2	.6026744	.0476698	.0680554
#3	.6032176	.0502920	.0682951

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3611.776	4565.717	85695.07	13841.69	5502.883
Stddev	7.254	11.799	423.74	59.44	11.628
%RSD	.2008494	.2584264	.4944733	.4294399	.2113040

#1	3608.113	4561.238	85782.02	13862.51	5501.450
#2	3620.131	4579.100	85234.59	13774.64	5515.160
#3	3607.082	4556.814	86068.58	13887.92	5492.038

Sample Name: J1531-16 Acquired: 2/23/2018 13:16:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA676D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0743783	.0052198	.8417271	-.031178	.0040541	77.06874	1.994925
Stddev	.0040698	.0002314	.0027675	.004710	.0016819	.16990	.000505
%RSD	5.471789	4.433909	.3287877	15.10621	41.48558	.2204485	.0253074

#1	.0719457	.0050479	.8399919	-.025793	.0058709	77.01659	1.994450
#2	.0721124	.0051286	.8402708	-.033213	.0037398	77.25860	1.994871
#3	.0790767	.0054830	.8449187	-.034528	.0025515	76.93103	1.995455

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103601	.0026193	53.95597	.1141761	.1445477	.1484091	183.1246
Stddev	.0002063	.0000112	.04607	.0009944	.0005891	.0025921	.2623
%RSD	1.991050	.4270434	.0853860	.8709320	.4075800	1.746574	.1432398

#1	.0101687	.0026064	53.94111	.1132561	.1443005	.1513757	183.2683
#2	.0105786	.0026247	54.00764	.1152311	.1441224	.1465816	183.2837
#3	.0103332	.0026267	53.91917	.1140411	.1452202	.1472700	182.8219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.34843	27.28140	.1780543	-.011102	.4178882	.2446268	.8271957
Stddev	.02191	.09375	.0011125	.000231	.0548652	.0042956	.0087580
%RSD	.1427506	.3436345	.6248391	2.084333	13.12917	1.755999	1.058758

#1	15.36660	27.23874	.1774601	-.011332	.3613423	.2432996	.8212350
#2	15.35460	27.38889	.1773651	-.011104	.4709021	.2494295	.8372510
#3	15.32410	27.21657	.1793378	-.010869	.4214203	.2411514	.8231012

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.115975	3.542165	.3152107	.0028227	2.131067	16.40029	.0044374
Stddev	.008890	.016652	.0044087	.0000649	.011256	.09281	.0002178
%RSD	.1737708	.4700979	1.398665	2.299847	.5281907	.5658780	4.908957

#1	5.108040	3.542391	.3201669	.0028960	2.125526	16.29535	.0042864
#2	5.125583	3.525401	.3117255	.0027725	2.123655	16.43397	.0043386
#3	5.114301	3.558702	.3137398	.0027996	2.144019	16.47155	.0046871

Sample Name: J1531-16 Acquired: 2/23/2018 13:16:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA676D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6186135	.0506233	.0700897
Stddev	.0021314	.0008947	.0001183
%RSD	.3445375	1.767450	.1687667

#1	.6176838	.0504827	.0700858
#2	.6210518	.0515801	.0702098
#3	.6171049	.0498073	.0699734

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3518.891	4425.151	83997.21	13443.66	5308.793
Stddev	19.025	13.068	425.90	49.30	12.122
%RSD	.5406658	.2953076	.5070381	.3666952	.2283293

#1	3537.445	4432.320	84319.62	13458.11	5320.197
#2	3519.801	4433.066	84157.61	13484.12	5310.120
#3	3499.427	4410.068	83514.40	13388.75	5296.063

Sample Name: J1531-17 Acquired: 2/23/2018 13:20:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA676S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1347719	.1104640	.8451681	.0599028	.1783254	77.96340	5.783066
Stddev	.0009023	.0006662	.0006717	.0035032	.0011764	.32435	.011771
%RSD	.6694884	.6030848	.0794783	5.848108	.6596961	.4160282	.2035478

#1	.1351692	.1106946	.8457622	.0560149	.1795914	77.65895	5.771579
#2	.1337392	.1097131	.8444392	.0628139	.1781190	78.30453	5.782517
#3	.1354074	.1109842	.8453027	.0608797	.1772659	77.92673	5.795102

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1034764	.1083760	52.32258	.4640540	1.200410	.6105871	180.5277
Stddev	.0004421	.0002961	.06228	.0013357	.002024	.0052959	.6515
%RSD	.4272131	.2732147	.1190295	.2878242	.1686085	.8673395	.3609099

#1	.1039868	.1082768	52.29202	.4652251	1.200247	.6064773	180.4354
#2	.1032147	.1087089	52.28148	.4625993	1.202510	.6087203	179.9272
#3	.1032276	.1081422	52.39423	.4643375	1.198472	.6165635	181.2204

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.85966	26.43082	1.230067	.0807736	.5467625	1.167452	1.770217
Stddev	.04611	.01487	.002413	.0003360	.1268366	.004082	.025653
%RSD	.2907205	.0562607	.1961401	.4159930	23.19775	.3496162	1.449144

#1	15.85354	26.42175	1.229141	.0807347	.5716494	1.162805	1.748728
#2	15.81691	26.44798	1.232806	.0811274	.6593111	1.170457	1.798618
#3	15.90852	26.42273	1.228255	.0804588	.4093271	1.169094	1.763306

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.788080	3.504905	.3118531	.0033310	2.086350	16.75263	.0038598
Stddev	.043674	.014530	.0004846	.0002717	.010546	.06695	.0002013
%RSD	.9121337	.4145577	.1554103	8.157170	.5054805	.3996607	5.214647

#1	4.838028	3.501340	.3115310	.0032249	2.086761	16.82135	.0040296
#2	4.769129	3.520886	.3124105	.0036398	2.096685	16.74895	.0036375
#3	4.757082	3.492491	.3116179	.0031283	2.075605	16.68759	.0039124

Sample Name: J1531-17 Acquired: 2/23/2018 13:20:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA676S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6028656	.0511836	.0678770
Stddev	.0026193	.0009499	.0002208
%RSD	.4344697	1.855852	.3253174

#1	.6009718	.0522387	.0676711
#2	.6017702	.0503966	.0678497
#3	.6058547	.0509155	.0681101

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3522.023	4476.979	83770.81	13615.17	5402.964
Stddev	8.081	11.048	459.77	28.96	11.082
%RSD	.2294384	.2467656	.5488483	.2126993	.2051082

#1	3522.063	4466.504	84007.21	13582.32	5399.849
#2	3513.922	4475.912	83240.93	13637.01	5393.772
#3	3530.084	4488.522	84064.28	13626.18	5415.270

Sample Name: J1531-15LX5 Acquired: 2/23/2018 13:24:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA676L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178854	.0022061	.1677032	-.007645	.0015032	17.09229	.4451139
Stddev	.0012219	.0009644	.0016876	.001831	.0006842	.06191	.0010435
%RSD	6.831600	43.71384	1.006323	23.94477	45.51469	.3622003	.2344416

#1	.0167883	.0032533	.1688545	-.009614	.0019001	17.08530	.4457256
#2	.0192022	.0020107	.1657660	-.007329	.0018962	17.15739	.4439090
#3	.0176658	.0013544	.1684892	-.005993	.0007132	17.03417	.4457071

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023530	.0002933	12.20278	.0257638	.0281247	.0337589	41.97708
Stddev	.0000719	.0000573	.00269	.0004973	.0000948	.0011443	.23518
%RSD	3.054849	19.55413	.0220741	1.930092	.3369611	3.389774	.5602520

#1	.0022890	.0002373	12.20517	.0256942	.0281315	.0324953	41.99721
#2	.0023393	.0003519	12.19986	.0262923	.0282159	.0347254	41.73248
#3	.0024308	.0002906	12.20332	.0253051	.0280267	.0340561	42.20154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.522662	6.157222	.0346610	-.003111	-.052452	.0556465	.1854825
Stddev	.015408	.058424	.0003623	.000439	.071002	.0039073	.0105985
%RSD	.4374058	.9488693	1.045220	14.12314	135.3655	7.021550	5.713999

#1	3.526970	6.206783	.0348645	-.002983	-.027146	.0599106	.1875043
#2	3.505559	6.172079	.0342428	-.003600	-.132640	.0547910	.1949245
#3	3.535458	6.092804	.0348759	-.002750	.002430	.0522379	.1740188

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7734623	.7081409	.0681647	.0005946	.4224068	3.902823	-.000308
Stddev	.0825036	.0123005	.0000785	.0002157	.0041219	.021080	.000236
%RSD	10.66679	1.737012	.1152047	36.28079	.9758028	.5401270	76.67152

#1	.8397691	.7151212	.0681698	.0004949	.4221055	3.913115	-.000064
#2	.6810687	.7153633	.0682405	.0008421	.4266711	3.878574	-.000535
#3	.7995490	.6939382	.0680837	.0004467	.4184439	3.916781	-.000325

Sample Name: J1531-15LX5 Acquired: 2/23/2018 13:24:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA676L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1397256	.0122909	.0158250
Stddev	.0010313	.0000292	.0000263
%RSD	.7380818	.2372505	.1658863

#1	.1403981	.0123069	.0158351
#2	.1402405	.0123086	.0157952
#3	.1385383	.0122573	.0158447

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3195.775	4104.676	75803.64	11982.20	5690.892
Stddev	11.393	14.900	250.08	35.25	22.464
%RSD	.3565149	.3630021	.3299082	.2942092	.3947421

#1	3193.689	4094.525	75680.99	11951.67	5678.749
#2	3185.569	4121.782	75638.55	12020.79	5716.815
#3	3208.068	4097.722	76091.36	11974.15	5677.114

Sample Name: CCV011 Acquired: 2/23/2018 13:28:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.920601	4.904998	24.43259	4.909568	4.949682	397.3227	10.23757
Stddev	.011276	.018315	.11115	.020253	.024309	1.0079	.08125
%RSD	.2291622	.3733872	.4549319	.4125236	.4911316	.2536703	.7936617

#1	4.922729	4.925805	24.39759	4.915963	4.942708	398.4212	10.33037
#2	4.908412	4.891322	24.34315	4.886890	4.929623	396.4405	10.20316
#3	4.930661	4.897865	24.55703	4.925852	4.976717	397.1065	10.17919

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5047304	2.468276	396.1138	14.65148	2.495760	15.01275	387.9930
Stddev	.0015863	.007814	2.1824	.02841	.012155	.02570	3.4796
%RSD	.3142911	.3165914	.5509420	.1938724	.4870155	.1712137	.8968281

#1	.5062020	2.466945	398.5642	14.68073	2.492232	15.04214	391.8665
#2	.5049393	2.461212	395.3979	14.64972	2.485760	14.99451	386.9805
#3	.5030500	2.476670	394.3794	14.62400	2.509289	15.00158	385.1318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.40823	385.8392	2.447779	1.244083	399.1460	2.441937	13.61322
Stddev	.09425	2.9966	.011602	.007629	2.8345	.011833	.01949
%RSD	.6541571	.7766566	.4739940	.6131831	.7101414	.4845667	.1431609

#1	14.51093	389.0672	2.445984	1.252163	402.2850	2.450188	13.63563
#2	14.38808	385.3044	2.437178	1.243080	398.3791	2.428380	13.60020
#3	14.32568	383.1459	2.460173	1.237006	396.7739	2.447243	13.60384

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.9426	5.046647	5.400696	4.846041	5.136477	4.956732	4.893542
Stddev	.3066	.015321	.028875	.019404	.018177	.022664	.021922
%RSD	.1978518	.3035818	.5346507	.4004011	.3538786	.4572416	.4479760

#1	154.9136	5.063207	5.426211	4.838840	5.122320	4.973434	4.892205
#2	154.6517	5.043758	5.406527	4.831267	5.156975	4.965828	4.872319
#3	155.2627	5.032977	5.369351	4.868016	5.130136	4.930932	4.916102

Sample Name: CCV011 Acquired: 2/23/2018 13:28:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV011 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.005722	5.201498	5.084811
Stddev	.010008	.027908	.050276
%RSD	.1999286	.5365339	.9887471

#1	5.007250	5.232536	5.055647
#2	4.995038	5.193482	5.142865
#3	5.014878	5.178475	5.055922

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2615.394	3276.968	63926.84	10886.97	4270.528
Stddev	18.314	14.547	203.41	17.93	17.665
%RSD	.7002297	.4439059	.3181991	.1646740	.4136516

#1	2595.600	3276.176	63700.70	10886.69	4266.849
#2	2618.845	3291.895	63984.95	10869.18	4289.743
#3	2631.737	3262.834	64094.89	10905.03	4254.993

Sample Name: CCB011 Acquired: 2/23/2018 13:32:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011032	.0006644	.0006184	-.000284	-.000280	.0085592	.0001548
Stddev	.0020348	.0022762	.0015993	.002249	.001655	.0058321	.0003648
%RSD	184.4515	342.6040	258.6136	791.4110	591.9310	68.13831	235.5796

#1	.0006565	.0032230	.0019516	-.001921	.001202	.0133071	.0000753
#2	-.000671	-.001136	.0010585	.002280	-.002065	.0103214	.0005528
#3	.003324	-.000094	-.001155	-.001212	.000024	.0020492	-.000164

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000664	.0000381	.0008432	-.000205	.0001010	.0015191	.0008322
Stddev	.0000644	.0000328	.0166268	.000120	.0000406	.0004130	.0063009
%RSD	97.03521	86.10177	1971.873	58.59084	40.22355	27.18570	757.1759

#1	.0000026	.0000755	.0088422	-.000334	.0001277	.0012059	-.002323
#2	.0001315	.0000139	-.018271	-.000097	.0000542	.0013643	.008087
#3	.0000651	.0000250	.011959	-.000183	.0001211	.0019871	-.003268

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000204	.0133807	.0001447	-.000706	-.103298	.0000350	-.000462
Stddev	.000546	.0050892	.0002499	.000219	.192854	.0026803	.002540
%RSD	267.6729	38.03404	172.7268	31.01474	186.6967	7660.203	550.0705

#1	.000311	.0169467	.0002330	-.000464	.049768	.0020789	.000008
#2	-.000777	.0156429	-.000137	-.000766	-.039757	.0010257	-.003204
#3	-.000147	.0075526	.000338	-.000890	-.319905	-.003000	.001811

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.545979	.0035736	.0002712	.0001734	.0119461	-.001695	-.000688
Stddev	.057287	.0010791	.0009506	.0001956	.0021812	.000737	.000124
%RSD	10.49259	30.19700	350.4643	112.8401	18.25849	43.45464	18.02366

#1	-.479872	.0033350	-.000682	.0000691	.0143943	-.000880	-.000831
#2	-.581091	.0047521	.001219	.0003990	.0102099	-.001893	-.000623
#3	-.576974	.0026337	.000277	.0000520	.0112342	-.002313	-.000609

Sample Name: CCB011 Acquired: 2/23/2018 13:32:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000397	.0034249	.0000871
Stddev	.000872	.0004937	.0000393
%RSD	219.6403	14.41566	45.13991

#1	-.000760	.0039652	.0000634
#2	.000598	.0033123	.0001325
#3	-.001028	.0029972	.0000654

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3204.340	3985.201	75836.48	11698.46	5883.611
Stddev	23.021	11.083	746.99	68.89	7.924
%RSD	.7184400	.2781134	.9849958	.5889078	.1346778

#1	3177.775	3989.014	74996.07	11631.67	5878.898
#2	3216.801	3993.874	76088.56	11694.44	5892.759
#3	3218.445	3972.714	76424.81	11769.28	5879.174

Sample Name: J1531-18 Acquired: 2/23/2018 13:36:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA677 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0746698	.0068601	6.011058	-.031439	.0053619	64.32547	1.572849
Stddev	.0027189	.0022649	.118002	.000717	.0023916	.12531	.001213
%RSD	3.641216	33.01485	1.963090	2.280242	44.60404	.1947997	.0771437

#1	.0754972	.0090941	5.876613	-.031519	.0044853	64.42243	1.574065
#2	.0768790	.0069206	6.059102	-.030686	.0035323	64.18398	1.572844
#3	.0716334	.0045656	6.097461	-.032113	.0080682	64.37000	1.571638

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099646	.0360026	168.0839	.1022501	.1773293	.2702956	189.7722
Stddev	.0001048	.0008560	.1765	.0005425	.0039349	.0017716	.2588
%RSD	1.052110	2.377662	.1050309	.5305971	2.218995	.6554218	.1363966

#1	.0100497	.0350235	168.2787	.1023045	.1730040	.2700456	190.0690
#2	.0098475	.0363746	168.0382	.1016823	.1782870	.2686623	189.6544
#3	.0099965	.0366096	167.9346	.1027633	.1806971	.2721789	189.5933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.90303	77.17866	.1975131	-.009627	.7260830	.2576169	2.986657
Stddev	.03159	.13220	.0044088	.000282	.0289957	.0037164	.023695
%RSD	.1986109	.1712966	2.232156	2.925456	3.993437	1.442619	.7933659

#1	15.93279	77.32980	.1924687	-.009951	.7233128	.2611797	2.978453
#2	15.90640	77.12163	.1994410	-.009448	.7563644	.2537639	3.013364
#3	15.86989	77.08453	.2006296	-.009480	.6985719	.2579072	2.968154

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.981102	4.739070	.3366656	.0042322	4.722219	18.91127	.0058204
Stddev	.062165	.101388	.0030544	.0002969	.104398	.24398	.0000394
%RSD	.8904789	2.139405	.9072486	7.015079	2.210780	1.290121	.6771803

#1	7.051898	4.634872	.3374478	.0041738	4.611088	19.02988	.0058116
#2	6.935436	4.744945	.3392528	.0045540	4.737332	18.63066	.0057861
#3	6.955971	4.837393	.3332962	.0039689	4.818237	19.07326	.0058634

Sample Name: J1531-18 Acquired: 2/23/2018 13:36:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA677 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7119950	.0482032	.0815754
Stddev	.0027594	.0007626	.0003854
%RSD	.3875631	1.582012	.4724993

#1	.7150584	.0476870	.0816929
#2	.7097043	.0478435	.0811449
#3	.7112223	.0490791	.0818884

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3381.078	4250.485	80410.95	13095.14	5092.085
Stddev	19.810	58.958	269.85	83.21	86.531
%RSD	.5859077	1.387095	.3355888	.6353975	1.699333

#1	3392.651	4318.499	80617.62	13034.51	5191.415
#2	3358.204	4219.048	80105.66	13190.00	5051.793
#3	3392.379	4213.907	80509.56	13060.91	5033.047

Sample Name: J1531-19 Acquired: 2/23/2018 13:40:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA678 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0856128	.0023907	5.842403	-.035180	.0078975	71.37158	1.456447
Stddev	.0007866	.0019252	.017872	.002583	.0011215	.23574	.000776
%RSD	.9188400	80.52757	.3059025	7.341733	14.20121	.3303030	.0532874

#1	.0864970	.0046105	5.827381	-.036370	.0087818	71.11379	1.455759
#2	.0853509	.0011772	5.837660	-.032217	.0066360	71.42477	1.457288
#3	.0849906	.0013844	5.862168	-.036954	.0082746	71.57619	1.456295

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101353	.0308097	510.2400	.1185157	.1785205	.2967423	206.2593
Stddev	.0001715	.0001735	.2569	.0003497	.0007761	.0052778	.7285
%RSD	1.691814	.5631339	.0503526	.2950966	.4347652	1.778585	.3532082

#1	.0100558	.0307403	510.5165	.1183966	.1777391	.2970272	207.0037
#2	.0103321	.0306817	510.1948	.1182410	.1792913	.2913278	206.2264
#3	.0100181	.0310072	510.0087	.1189094	.1785311	.3018719	205.5478

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.44990	241.5433	.2088516	-.011160	1.198774	.2586449	2.351789
Stddev	.05335	.8006	.0003634	.000682	.183894	.0011072	.036899
%RSD	.2891437	.3314694	.1739777	6.111410	15.34014	.4280700	1.568961

#1	18.50236	242.2768	.2090082	-.011711	1.386774	.2574832	2.355460
#2	18.45163	241.6640	.2084362	-.010397	1.019282	.2587635	2.313192
#3	18.39571	240.6892	.2091103	-.011371	1.190266	.2596880	2.386715

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.815222	4.967386	.3603257	.0041249	4.874328	21.64417	.0101575
Stddev	.065464	.027780	.0032643	.0001086	.020968	.14215	.0015591
%RSD	.8376410	.5592521	.9059337	2.633111	.4301648	.6567509	15.34887

#1	7.740138	4.976847	.3640588	.0040151	4.877872	21.59007	.0104548
#2	7.860328	4.936111	.3580077	.0041273	4.851815	21.80543	.0084712
#3	7.845201	4.989200	.3589107	.0042323	4.893298	21.53702	.0115465

Sample Name: J1531-19 Acquired: 2/23/2018 13:40:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA678 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7259456	.0589353	.1968292
Stddev	.0010358	.0006408	.0003597
%RSD	.1426818	1.087368	.1827429

#1	.7247545	.0590464	.1965867
#2	.7264463	.0595134	.1972425
#3	.7266358	.0582462	.1966585

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3185.720	3973.317	76082.74	12719.12	4616.484
Stddev	28.919	13.930	434.58	31.75	11.403
%RSD	.9077745	.3506006	.5711967	.2496486	.2469956

#1	3173.761	3979.057	75909.32	12744.79	4617.721
#2	3218.700	3983.460	76577.25	12683.61	4627.218
#3	3164.698	3957.433	75761.64	12728.95	4604.514

Sample Name: J1531-20 Acquired: 2/23/2018 13:43:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA679 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0590815	.0043659	.6529869	-.034520	.0057789	42.91867	1.252644
Stddev	.0037168	.0002955	.0071631	.005256	.0018010	.04067	.006094
%RSD	6.290991	6.768004	1.096975	15.22703	31.16533	.0947527	.4864901

#1	.0603143	.0046937	.6610121	-.028980	.0077992	42.96387	1.249677
#2	.0620252	.0042838	.6472401	-.035143	.0043417	42.88504	1.259653
#3	.0549049	.0041201	.6507086	-.039437	.0051957	42.90710	1.248602

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074964	.0029961	771.6402	.0967056	.1058481	.1353581	166.9019
Stddev	.0002379	.0001228	8.3152	.0004697	.0007375	.0014523	.8133
%RSD	3.174119	4.096994	1.077604	.4857431	.6967430	1.072964	.4872701

#1	.0072306	.0031134	769.8625	.0962114	.1064359	.1336820	166.8985
#2	.0076897	.0030062	780.7006	.0971463	.1050206	.1361481	167.7168
#3	.0075688	.0028686	764.3576	.0967590	.1060877	.1362443	166.0903

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.04506	379.2648	.1269377	-.010810	.7616603	.1801370	.8122577
Stddev	.08279	2.0811	.0003556	.000466	.3614612	.0006406	.0012765
%RSD	.5502673	.5487067	.2801523	4.308239	47.45702	.3556211	.1571533

#1	15.06793	378.9436	.1269025	-.011079	1.161653	.1803732	.8122464
#2	15.11401	381.4878	.1266009	-.010272	.664904	.1794118	.8135399
#3	14.95324	377.3630	.1273096	-.011078	.458424	.1806260	.8109869

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.901921	3.325546	.2982639	.0031894	4.099926	15.52221	.0024013
Stddev	.028110	.031696	.0017346	.0004462	.027677	.07775	.0006057
%RSD	.4762852	.9531036	.5815727	13.99065	.6750487	.5008906	25.22531

#1	5.927730	3.361247	.2995794	.0031555	4.131333	15.47215	.0027256
#2	5.906063	3.314675	.2989142	.0027612	4.079102	15.61178	.0017025
#3	5.871970	3.300716	.2962981	.0036517	4.089344	15.48269	.0027759

Sample Name: J1531-20 Acquired: 2/23/2018 13:43:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA679 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6358520	.0432172	.2475954
Stddev	.0016865	.0006559	.0006353
%RSD	.2652398	1.517596	.2565778

#1	.6376094	.0439416	.2481725
#2	.6356999	.0430465	.2476990
#3	.6342467	.0426636	.2469147

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2936.341	3738.409	70665.03	12000.17	4508.948
Stddev	15.177	13.292	338.50	38.19	26.326
%RSD	.5168822	.3555495	.4790251	.3182191	.5838611

#1	2950.264	3728.134	71024.13	11974.71	4488.557
#2	2920.162	3753.420	70619.16	11981.73	4538.668
#3	2938.597	3733.672	70351.81	12044.08	4499.618

Sample Name: J1531-21 Acquired: 2/23/2018 13:48:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA680 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0872388	.0010057	.9733514	-.033406	.0062899	78.16118	1.334351
Stddev	.0035600	.0022916	.0035344	.001942	.0024052	.22438	.006005
%RSD	4.080714	227.8531	.3631173	5.812068	38.23831	.2870720	.4500553

#1	.0860063	-.001134	.9764041	-.035049	.0037101	78.15195	1.329331
#2	.0844589	.000728	.9694793	-.033906	.0066894	77.94156	1.332719
#3	.0912513	.003424	.9741709	-.031264	.0084704	78.39003	1.341004

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114310	.0030024	102.9549	.1281730	.1283852	.1649949	191.8489
Stddev	.0000130	.0001547	.3843	.0017695	.0002757	.0036105	.1939
%RSD	.1132977	5.153019	.3732789	1.380570	.2147133	2.188269	.1010732

#1	.0114162	.0028265	102.7159	.1267410	.1285689	.1615575	191.8971
#2	.0114363	.0031174	102.7505	.1276267	.1280682	.1646705	191.6354
#3	.0114404	.0030631	103.3982	.1301512	.1285184	.1687567	192.0141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.03345	27.81900	.1406197	-.011251	.4181051	.3293551	1.408106
Stddev	.02520	.05090	.0007801	.000102	.0674112	.0029479	.013797
%RSD	.2284217	.1829861	.5547868	.9103481	16.12303	.8950503	.9798182

#1	11.02792	27.76689	.1407431	-.011149	.3739427	.3321286	1.416163
#2	11.01147	27.86861	.1413309	-.011252	.3846748	.3296774	1.415980
#3	11.06096	27.82149	.1397853	-.011354	.4956979	.3262593	1.392175

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.016472	5.922717	.3341442	.0060618	5.659991	19.14890	.0061996
Stddev	.021559	.020222	.0027458	.0001836	.017363	.04112	.0004474
%RSD	.2689310	.3414260	.8217437	3.029052	.3067609	.2147466	7.216653

#1	8.010781	5.939497	.3354144	.0061687	5.674791	19.19295	.0058025
#2	7.998330	5.928389	.3309933	.0058498	5.664303	19.14222	.0061119
#3	8.040305	5.900265	.3360250	.0061670	5.640879	19.11153	.0066844

Sample Name: J1531-21 Acquired: 2/23/2018 13:48:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA680 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7517980	.0503596	.1059970
Stddev	.0034804	.0004670	.0003585
%RSD	.4629424	.9272693	.3382498

#1	.7517444	.0499311	.1056961
#2	.7483447	.0508573	.1059011
#3	.7553048	.0502904	.1063937

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3441.434	4325.386	82321.45	13435.61	5283.818
Stddev	41.589	11.111	272.54	39.72	10.396
%RSD	1.208492	.2568883	.3310653	.2956542	.1967540

#1	3399.290	4313.762	82007.75	13434.24	5274.185
#2	3442.567	4335.901	82499.98	13476.00	5294.838
#3	3482.446	4326.497	82456.63	13396.59	5282.429

Sample Name: PB106590BL Acquired: 2/23/2018 13:52:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001005	-.002102	-.000510	-.001648	-.000572	.0041318	.0001460
Stddev	.001744	.000336	.000786	.001924	.000994	.0039228	.0002289
%RSD	173.5704	16.00400	154.0519	116.7744	173.5981	94.94148	156.7957

#1	.000914	-.002296	-.000982	-.002841	-.000123	.0062323	.0003431
#2	-.001434	-.001714	-.000945	.000572	-.001712	.0065570	-.000105
#3	-.002494	-.002297	.000397	-.002674	.000117	-.000394	.000200

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000202	-.000065	.0071666	-.000242	.0000020	.0020624	.0044178
Stddev	.0000243	.000024	.0107688	.000138	.0002492	.0027647	.0040820
%RSD	120.0999	37.93463	150.2637	57.15613	12681.75	134.0525	92.39965

#1	.0000090	-.000092	.0181389	-.000181	-.000233	-.001126	.0029701
#2	.0000480	-.000046	.0067474	-.000401	-.000025	.003521	.0012569
#3	.0000035	-.000056	-.003386	-.000145	.000263	.003793	.0090264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000411	-.008612	.0002210	-.000270	-.030898	.0007478	-.002568
Stddev	.000162	.036595	.0003895	.000392	.179037	.0027816	.002149
%RSD	39.48762	424.9366	176.2491	145.1377	579.4510	371.9659	83.69404

#1	-.000567	-.036455	.0003039	-.000467	-.148157	.0035714	-.004150
#2	-.000422	.032838	.0005623	.000181	.175183	-.001990	-.000121
#3	-.000243	-.022219	-.000203	-.000524	-.119719	.000662	-.003434

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.726679	.0026521	-.003788	.0000862	.0087661	-.001461	-.000630
Stddev	.012773	.0017157	.000432	.0000967	.0029925	.001120	.000299
%RSD	1.757678	64.69439	11.40832	112.1636	34.13676	76.65478	47.45484

#1	-.715659	.0033787	-.003586	.0001650	.0122103	-.001985	-.000572
#2	-.723700	.0038849	-.004284	-.000022	.0068022	-.002222	-.000954
#3	-.740678	.0006926	-.003493	.000115	.0072859	-.000175	-.000364

Sample Name: PB106590BL Acquired: 2/23/2018 13:52:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000627	.0034986	.0000033
Stddev	.000348	.0007112	.0000134
%RSD	55.45845	20.32868	410.8662

#1	-.000440	.0028262	.0000154
#2	-.000413	.0034265	.0000056
#3	-.001028	.0042431	-.000011

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3211.330	4066.464	76462.08	11842.45	6017.084
Stddev	6.643	51.982	155.75	55.54	79.662
%RSD	.2068549	1.278317	.2036996	.4690113	1.323932

#1	3218.893	4099.077	76302.92	11904.65	6061.970
#2	3208.657	4093.797	76614.19	11797.81	6064.175
#3	3206.441	4006.517	76469.12	11824.89	5925.107

Sample Name: PB106590BS Acquired: 2/23/2018 13:56:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190256	.0496242	.0179464	.0667320	.1093691	.3948302
Stddev	.0018370	.0010094	.0005695	.0014164	.0012159	.0095411
%RSD	9.655627	2.034142	3.173559	2.122463	1.111703	2.416514

#1	.0176591	.0498393	.0176911	.0681967	.1083632	.3839338
#2	.0211139	.0505088	.0185990	.0666298	.1107202	.4016870
#3	.0183037	.0485246	.0175492	.0653695	.1090238	.3988699

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3972808	.0105394	.0097953	10.27622	.0196249	.0941625
Stddev	.0020156	.0001137	.0000529	.01466	.0000518	.0003985
%RSD	.5073452	1.078504	.5396237	.1426384	.2639696	.4232410

#1	.3988776	.0105152	.0098036	10.29208	.0196798	.0937169
#2	.3950160	.0106632	.0097388	10.26317	.0195769	.0942855
#3	.3979488	.0104397	.0098435	10.27342	.0196182	.0944850

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0531245	.2121323	.0299735	9.363601	.0775504	.0189944
Stddev	.0007361	.0068929	.0007015	.122490	.0003012	.0001862
%RSD	1.385697	3.249321	2.340474	1.308155	.3884420	.9801055

#1	.0522861	.2172122	.0301766	9.420300	.0777978	.0188969
#2	.0534225	.2042860	.0305511	9.447469	.0772150	.0188772
#3	.0536649	.2148987	.0291929	9.223034	.0776383	.0192091

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.656550	.0962193	.1235174	9.413786	F .0279695	F .0171967
Stddev	.216698	.0025976	.0044358	.043515	.0024842	.0010729
%RSD	2.244049	2.699619	3.591218	.4622511	8.881631	6.238731

#1	9.756276	.0981032	.1190355	9.391654	.0251256	.0182845
#2	9.407944	.0972985	.1236110	9.463919	.0297155	.0161394
#3	9.805431	.0932560	.1279056	9.385785	.0290675	.0171662

Sample Name: PB106590BS Acquired: 2/23/2018 13:56:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196874	.1790597	.1870844	F .0126901	.1963918	.1020840
Stddev	.0001474	.0043018	.0014957	.0005599	.0006415	.0003578
%RSD	.7489283	2.402447	.7994993	4.412230	.3266680	.3504570
#1	.0195600	.1750123	.1859546	.0120438	.1967482	.1017438
#2	.0196533	.1785895	.1887806	.0130289	.1967760	.1024571
#3	.0198489	.1835773	.1865179	.0129975	.1956511	.1020510

Elem	Sr4077
Units	ppm
Avg	.2007625
Stddev	.0004735
%RSD	.2358380
#1	.2007302
#2	.2012512
#3	.2003059

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3185.133	4051.612	75205.40	11761.69	5858.282
Stddev	10.657	2.852	179.28	59.12	8.332
%RSD	.3345829	.0704023	.2383906	.5026229	.1422257
#1	3182.546	4050.859	75031.59	11807.13	5848.895
#2	3176.008	4054.766	75194.92	11694.85	5864.803
#3	3196.846	4049.212	75389.70	11783.08	5861.146

Sample Name: J1532-01 Acquired: 2/23/2018 14:00:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA681 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0715984	.0036460	11.10963	-.035652	.0070964	83.00952	1.375131
Stddev	.0030103	.0023690	.05802	.002940	.0018211	.33016	.007765
%RSD	4.204469	64.97474	.5222648	8.245341	25.66214	.3977364	.5646382

#1	.0713801	.0059286	11.11125	-.034964	.0076221	82.95994	1.366170
#2	.0687032	.0011992	11.05081	-.033118	.0050703	82.70695	1.379347
#3	.0747120	.0038104	11.16682	-.038875	.0085969	83.36166	1.379875

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101196	.0914296	624.2601	.1091911	.1749649	.2787632	187.9552
Stddev	.0000693	.0004903	2.6922	.0006359	.0010472	.0013952	1.0027
%RSD	.6848586	.5362960	.4312686	.5824002	.5984995	.5004985	.5334611

#1	.0101887	.0913070	621.3619	.1097584	.1742513	.2775102	186.7976
#2	.0100501	.0910122	624.7353	.1085037	.1744764	.2785128	188.5197
#3	.0101198	.0919696	626.6831	.1093112	.1761670	.2802667	188.5485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.72171	306.2613	.2039846	-.006179	1.025411	.2638182	5.949840
Stddev	.04491	1.7199	.0011783	.000217	.178103	.0051967	.033867
%RSD	.2856668	.5615911	.5776263	3.517933	17.36893	1.969814	.5692039

#1	15.67531	304.3822	.2028261	-.006113	.948012	.2678998	5.974640
#2	15.72485	306.6439	.2039460	-.006003	1.229119	.2655869	5.963624
#3	15.76497	307.7577	.2051817	-.006422	.899103	.2579681	5.911255

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.99943	8.560034	.3423778	.0052342	8.029037	6.691685	.0049432
Stddev	.11439	.028629	.0047313	.0003237	.016950	.027803	.0013484
%RSD	1.039988	.3344535	1.381892	6.183800	.2111132	.4154907	27.27817

#1	10.96938	8.582976	.3371561	.0053404	8.034786	6.710912	.0044760
#2	10.90306	8.569177	.3463797	.0048707	8.042364	6.659806	.0038905
#3	11.12585	8.527950	.3435977	.0054913	8.009959	6.704338	.0064631

Sample Name: J1532-01 Acquired: 2/23/2018 14:00:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA681 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5845401	.0695590	.2653698
Stddev	.0036992	.0009871	.0006228
%RSD	.6328430	1.419104	.2347074

#1	.5831401	.0693325	.2651801
#2	.5817453	.0687048	.2648639
#3	.5887350	.0706396	.2660655

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3089.846	3899.142	74549.20	12517.98	4411.284
Stddev	11.879	7.671	241.35	120.75	19.762
%RSD	.3844653	.1967391	.3237478	.9646147	.4479920

#1	3101.715	3903.113	74795.15	12543.33	4413.692
#2	3089.867	3904.014	74539.73	12624.04	4429.732
#3	3077.956	3890.300	74312.73	12386.56	4390.429

Sample Name: J1532-02 Acquired: 2/23/2018 14:04:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA682 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0785956	.0207706	41.07489	-.048050	.0084417	39.63477
Stddev	.0084552	.0021601	.23967	.004175	.0007311	.67705
%RSD	10.75790	10.39956	.5835071	8.688851	8.660310	1.708212

#1	.0712151	.0225031	40.99482	-.047089	.0076008	40.37397
#2	.0878210	.0183504	40.88551	-.052622	.0089259	39.48561
#3	.0767508	.0214582	41.34436	-.044439	.0087986	39.04475

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7783587	.0098767	.5503145	F 1228.626	.0356385	.3520025
Stddev	.0161131	.0001283	.0036772	21.220	.0011369	.0019363
%RSD	2.070136	1.298975	.6682039	1.727127	3.189961	.5500877

#1	.7965970	.0100037	.5486680	1251.391	.0343890	.3517869
#2	.7724263	.0098794	.5477482	1225.091	.0366118	.3501829
#3	.7660528	.0097471	.5545272	1209.395	.0359147	.3540375

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2495985	245.9091	F 33.47000	606.0391	.2077192	.0323133
Stddev	.0044870	5.1113	.72119	12.6563	.0009280	.0001432
%RSD	1.797667	2.078513	2.154728	2.088361	.4467459	.4430274

#1	.2541386	251.7564	34.28279	620.4486	.2069969	.0323349
#2	.2494902	243.6791	33.22058	600.9455	.2073949	.0321606
#3	.2451667	242.2917	32.90662	596.7233	.2087659	.0324445

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.786116	.1188320	20.67138	5.059892	8.992402	.4490812
Stddev	.227010	.0043283	.33432	.161099	.164880	.0133539
%RSD	12.70970	3.642410	1.617312	3.183849	1.833547	2.973593

#1	1.528679	.1227313	21.01963	5.231894	8.925153	.4641383
#2	1.957593	.1141747	20.35299	5.035247	8.871775	.4386739
#3	1.872076	.1195898	20.64151	4.912536	9.180278	.4444314

Sample Name: J1532-02 Acquired: 2/23/2018 14:04:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA682 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051977	16.80259	6.586302	.0138403	.3445429	.0731486
Stddev	.0003614	.23941	.067759	.0003391	.0059006	.0013438
%RSD	6.953685	1.424847	1.028784	2.450108	1.712596	1.837082

#1	.0047811	16.73856	6.660124	.0135666	.3508773	.0745078
#2	.0054270	16.60171	6.571842	.0137347	.3435490	.0718208
#3	.0053850	17.06751	6.526940	.0142197	.3392023	.0731172

Elem	Sr4077
Units	ppm
Avg	.3482861
Stddev	.0062968
%RSD	1.807953

#1	.3551759
#2	.3468532
#3	.3428292

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2935.650	3731.780	70980.78	12079.77	4207.488
Stddev	29.721	20.866	553.83	161.75	21.570
%RSD	1.012405	.5591521	.7802479	1.339033	.5126544

#1	2913.256	3735.614	70430.85	11914.95	4209.702
#2	2969.368	3750.464	71538.42	12086.09	4227.865
#3	2924.325	3709.263	70973.07	12238.27	4184.896

Sample Name: J1532-03 Acquired: 2/23/2018 14:08:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA683 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0961592	.0060597	1.678336	-.033628	.0065210	97.37277	1.601710
Stddev	.0022253	.0015510	.005916	.003390	.0011557	.45871	.003881
%RSD	2.314141	25.59504	.3525038	10.08157	17.72289	.4710895	.2423129

#1	.0939231	.0044075	1.682044	-.029833	.0057342	96.84520	1.602478
#2	.0961809	.0074843	1.671513	-.034694	.0059809	97.59567	1.605150
#3	.0983735	.0062873	1.681451	-.036357	.0078478	97.67742	1.597503

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081777	.0113394	52.02827	.1429668	.1465866	.1507277	219.2631
Stddev	.0001107	.0000168	.26161	.0005956	.0003335	.0005188	1.8123
%RSD	1.353049	.1479286	.5028167	.4165883	.2274996	.3442091	.8265566

#1	.0083039	.0113388	52.21534	.1423125	.1463852	.1507411	221.1766
#2	.0080974	.0113564	52.14015	.1434774	.1464032	.1502023	219.0400
#3	.0081319	.0113229	51.72933	.1431104	.1469716	.1512397	217.5726

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.76535	27.86166	.1027072	-.012090	1.020485	.3426533	1.058101
Stddev	.11926	.16405	.0004773	.000474	.020351	.0015062	.015642
%RSD	.7564430	.5887914	.4647036	3.920617	1.994228	.4395757	1.478336

#1	15.88586	28.04446	.1026020	-.012287	1.042285	.3431496	1.045032
#2	15.76281	27.72725	.1032283	-.011550	1.017182	.3409615	1.053838
#3	15.64739	27.81329	.1022913	-.012435	1.001987	.3438487	1.075433

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.78518	6.770233	.3867477	.0101670	6.299002	7.251773	.0059922
Stddev	.05784	.048761	.0041688	.0002887	.054287	.068580	.0010976
%RSD	.5363352	.7202260	1.077914	2.839988	.8618330	.9456948	18.31771

#1	10.72510	6.790335	.3915083	.0103459	6.317156	7.325180	.0058630
#2	10.84050	6.714635	.3849847	.0098339	6.237964	7.189345	.0071487
#3	10.78993	6.805730	.3837500	.0103212	6.341885	7.240794	.0049649

Sample Name: J1532-03 Acquired: 2/23/2018 14:08:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA683 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7995164	.0730957	.0903442
Stddev	.0041193	.0003936	.0001631
%RSD	.5152248	.5385181	.1805772

#1	.8041609	.0726566	.0903154
#2	.7980828	.0732138	.0905198
#3	.7963054	.0734168	.0901974

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3216.506	4043.149	76572.29	12224.96	5239.715
Stddev	22.657	16.114	418.13	94.91	12.036
%RSD	.7044064	.3985388	.5460587	.7763827	.2297164

#1	3199.392	4024.923	76294.80	12117.51	5228.495
#2	3242.200	4049.025	77053.21	12259.98	5252.428
#3	3207.926	4055.500	76368.86	12297.38	5238.221

Sample Name: J1532-04 Acquired: 2/23/2018 14:12:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA684 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0728485	.0094847	31.55751	-.041367	.0068912	53.61789	2.678108
Stddev	.0011792	.0039798	.08701	.002593	.0010628	.27011	.021517
%RSD	1.618733	41.96014	.2757104	6.269287	15.42197	.5037678	.8034234

#1	.0715547	.0109961	31.65264	-.044357	.0067195	53.89229	2.693407
#2	.0731280	.0124873	31.48197	-.040010	.0059248	53.60910	2.687411
#3	.0738629	.0049706	31.53791	-.039733	.0080294	53.35229	2.653505

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107495	.2131695	666.5566	.0620891	.3213305	1.038486	215.4000
Stddev	.0001831	.0007553	5.8767	.0003221	.0009973	.006968	2.3518
%RSD	1.703023	.3543017	.8816494	.5187440	.3103793	.6709873	1.091839

#1	.0106357	.2139430	670.6353	.0618784	.3219985	1.041284	217.1342
#2	.0109607	.2124339	669.2139	.0624598	.3201841	1.043619	216.3426
#3	.0106521	.2131317	659.8206	.0619290	.3218090	1.030553	212.7231

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.44634	304.5559	.2782367	.0034314	1.006078	.1614876	10.10364
Stddev	.25183	2.8943	.0011761	.0003282	.175650	.0008003	.01797
%RSD	.9896700	.9503447	.4226823	9.564743	17.45888	.4955824	.1778085

#1	25.61326	306.2649	.2794246	.0034983	.925357	.1613101	10.10845
#2	25.56910	306.1888	.2782126	.0030748	1.207578	.1607908	10.11872
#3	25.15667	301.2141	.2770729	.0037209	.885299	.1623617	10.08377

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.665666	7.743952	.4028314	.0041419	10.07614	5.181903	.0047653
Stddev	.092738	.039679	.0050128	.0001809	.03412	.060182	.0011974
%RSD	1.209783	.5123834	1.244395	4.366951	.3386397	1.161390	25.12769

#1	7.698872	7.788318	.4038831	.0040126	10.11505	5.217371	.0034655
#2	7.737229	7.731680	.4072349	.0043486	10.05133	5.215922	.0050070
#3	7.560896	7.711860	.3973762	.0040645	10.06203	5.112416	.0058235

Sample Name: J1532-04 Acquired: 2/23/2018 14:12:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA684 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4170137	.0643213	.2684076
Stddev	.0018052	.0003212	.0017426
%RSD	.4328979	.4994191	.6492434

#1	.4190778	.0639549	.2696861
#2	.4157299	.0645544	.2691140
#3	.4162334	.0644547	.2664227

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3040.342	3862.167	73590.00	12277.22	4465.997
Stddev	23.720	13.599	496.69	132.58	13.251
%RSD	.7801908	.3521069	.6749429	1.079919	.2967182

#1	3033.939	3846.951	73652.72	12194.27	4451.281
#2	3020.480	3866.416	73064.93	12207.26	4476.985
#3	3066.607	3873.135	74052.35	12430.13	4469.725

Sample Name: J1532-05 Acquired: 2/23/2018 14:16:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA685 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0795423	.0090577	8.463018	-.031657	.0052391	85.35038	2.157685
Stddev	.0026509	.0008532	.027376	.001750	.0013335	.92893	.027955
%RSD	3.332667	9.420228	.3234742	5.526476	25.45283	1.088378	1.295597

#1	.0764823	.0086788	8.436221	-.032599	.0038563	84.34775	2.130641
#2	.0811392	.0100347	8.461895	-.029638	.0053440	86.18180	2.186469
#3	.0810054	.0084594	8.490938	-.032733	.0065171	85.52159	2.155946

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104508	.0178415	68.75776	.1050860	.1770013	.2617980	188.0032
Stddev	.0002004	.0001985	.97750	.0008115	.0003032	.0041801	2.6210
%RSD	1.917915	1.112506	1.421664	.7722464	.1713234	1.596682	1.394148

#1	.0103994	.0176838	67.88343	.1058657	.1766645	.2570094	185.9912
#2	.0106719	.0177763	69.81312	.1042461	.1772526	.2647167	190.9672
#3	.0102811	.0180643	68.57671	.1051463	.1770868	.2636680	187.0513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.24745	31.86896	.2118894	-.010682	.3222757	.2362325	1.756247
Stddev	.25459	.49205	.0005407	.000272	.0707373	.0053430	.011973
%RSD	1.395195	1.543963	.2551859	2.541793	21.94931	2.261768	.6817520

#1	18.03236	31.40499	.2113634	-.010739	.2531761	.2363955	1.743211
#2	18.52854	32.38494	.2118611	-.010921	.3945443	.2414921	1.758778
#3	18.18144	31.81695	.2124437	-.010387	.3191068	.2308098	1.766753

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.120983	5.824703	.3323814	.0048932	4.719333	4.337630	.0038542
Stddev	.161872	.020806	.0037466	.0001834	.018022	.075224	.0011713
%RSD	1.774720	.3572053	1.127200	3.748322	.3818701	1.734224	30.39060

#1	8.962764	5.831733	.3291911	.0047263	4.700202	4.308481	.0035713
#2	9.286276	5.841083	.3365071	.0048639	4.735990	4.423067	.0028503
#3	9.113908	5.801292	.3314460	.0050896	4.721808	4.281343	.0051411

Sample Name: J1532-05 Acquired: 2/23/2018 14:16:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA685 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4658457	.0637277	.0825949
Stddev	.0059155	.0012852	.0010235
%RSD	1.269832	2.016767	1.239166

#1	.4603785	.0626037	.0816548
#2	.4721254	.0651290	.0836852
#3	.4650333	.0634505	.0824447

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3655.452	4582.966	86837.79	13694.37	5447.371
Stddev	23.394	12.488	259.10	115.57	11.401
%RSD	.6399681	.2724811	.2983738	.8439462	.2092940

#1	3661.696	4590.053	86640.79	13789.05	5456.642
#2	3629.570	4590.298	87131.29	13565.58	5450.830
#3	3675.090	4568.547	86741.29	13728.48	5434.641

Sample Name: J1532-06 Acquired: 2/23/2018 14:20:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA686 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0664737	.0073040	13.86546	-.036059	.0064604	70.18005	2.524213
Stddev	.0027893	.0019377	.05917	.000801	.0027715	.38383	.009112
%RSD	4.196036	26.52921	.4267164	2.221228	42.89924	.5469256	.3609956

#1	.0654355	.0053735	13.84216	-.036972	.0045659	70.57659	2.529248
#2	.0643524	.0072897	13.82150	-.035473	.0051740	70.15320	2.529696
#3	.0696331	.0092488	13.93273	-.035734	.0096413	69.81034	2.513694

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092715	.1356624	472.1022	.0816225	.2407865	.4930523	201.8657
Stddev	.0001700	.0005222	1.2918	.0005591	.0010394	.0018868	.4901
%RSD	1.833803	.3848950	.2736167	.6849893	.4316758	.3826819	.2428090

#1	.0093098	.1356195	473.1499	.0810214	.2410950	.4917693	201.9909
#2	.0090855	.1351630	472.4978	.0817191	.2396277	.4921689	202.2811
#3	.0094190	.1362046	470.6589	.0821270	.2416367	.4952188	201.3251

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.97611	216.6503	.2003251	-.001068	.9134560	.2082988	6.725528
Stddev	.03769	.2656	.0005067	.000213	.0767237	.0015376	.075444
%RSD	.1886740	.1225991	.2529449	19.99576	8.399276	.7381641	1.121751

#1	20.01235	216.6673	.2002115	-.001205	1.002005	.2090551	6.810467
#2	19.97885	216.9070	.2008790	-.000822	.866757	.2065295	6.699816
#3	19.93712	216.3766	.1998849	-.001176	.871606	.2093118	6.666301

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.108174	8.604416	.3644195	.0053019	8.307359	3.806684	.0080646
Stddev	.019538	.026056	.0057141	.0002584	.003924	.043527	.0004500
%RSD	.2145103	.3028255	1.567997	4.873312	.0472411	1.143447	5.579852

#1	9.111678	8.634018	.3650108	.0055085	8.308807	3.849110	.0076461
#2	9.125723	8.584954	.3698150	.0053850	8.302916	3.762133	.0085406
#3	9.087121	8.594275	.3584328	.0050122	8.310353	3.808811	.0080071

Sample Name: J1532-06 Acquired: 2/23/2018 14:20:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA686 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5373166	.0694242	.2058001
Stddev	.0047900	.0002958	.0004032
%RSD	.8914713	.4260485	.1959227

#1	.5418068	.0697591	.2062546
#2	.5378684	.0691987	.2054853
#3	.5322745	.0693147	.2056604

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3192.464	4037.624	77002.91	12684.34	4805.340
Stddev	13.366	12.866	216.93	26.87	16.666
%RSD	.4186850	.3186567	.2817190	.2118573	.3468212

#1	3177.433	4031.407	76881.32	12661.08	4802.228
#2	3196.942	4052.417	76874.05	12678.17	4823.343
#3	3203.016	4029.046	77253.37	12713.76	4790.450

Sample Name: J1532-07 Acquired: 2/23/2018 14:23:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA687 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0955495	-.002070	5.059821	-.044132	.0063320	84.06414	1.618370
Stddev	.0042017	.002411	.098280	.003295	.0022274	.82173	.022023
%RSD	4.397447	116.4460	1.942366	7.465647	35.17698	.9774992	1.360832

#1	.0947661	-.004769	5.009514	-.046062	.0041449	83.70626	1.610525
#2	.0917946	-.000130	5.173070	-.040328	.0062534	85.00411	1.643242
#3	.1000879	-.001312	4.996878	-.046006	.0085976	83.48204	1.601344

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103217	.0455822	244.7580	.1491347	.1652020	.1926660	224.3924
Stddev	.0000132	.0008158	2.8936	.0019142	.0023337	.0030347	3.2236
%RSD	.1281217	1.789681	1.182209	1.283532	1.412605	1.575101	1.436599

#1	.0103194	.0451453	243.0455	.1469565	.1645939	.1927544	222.1492
#2	.0103360	.0465233	248.0988	.1498990	.1677795	.1956556	228.0865
#3	.0103098	.0450779	243.1296	.1505488	.1632326	.1895881	222.9414

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.42618	118.8955	.1770489	-.012478	.4280900	.3138076	4.029218
Stddev	.17346	1.5467	.0028267	.000384	.0944407	.0053282	.056645
%RSD	1.291950	1.300894	1.596573	3.075123	22.06095	1.697920	1.405860

#1	13.31495	117.8256	.1755570	-.012049	.4250545	.3084604	3.985493
#2	13.62605	120.6689	.1803090	-.012595	.5240118	.3191166	4.008953
#3	13.33754	118.1919	.1752806	-.012789	.3352036	.3138458	4.093208

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.809562	4.212987	.3812155	.0048901	4.107052	4.301025	.0083289
Stddev	.107102	.110514	.0058544	.0004165	.085473	.039165	.0017720
%RSD	1.371418	2.623184	1.535715	8.517670	2.081130	.9105964	21.27560

#1	7.801953	4.139777	.3784496	.0049939	4.048586	4.265476	.0084486
#2	7.920265	4.340111	.3879403	.0044315	4.205147	4.343009	.0065001
#3	7.706468	4.159074	.3772564	.0052448	4.067424	4.294591	.0100381

Sample Name: J1532-07 Acquired: 2/23/2018 14:23:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA687 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5574978	.0618253	.1075007
Stddev	.0062642	.0008037	.0011509
%RSD	1.123632	1.299914	1.070596

#1	.5540920	.0626321	.1068394
#2	.5647270	.0618189	.1088297
#3	.5536742	.0610248	.1068331

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3196.224	4065.372	76771.59	12791.64	4895.110
Stddev	12.851	55.693	386.22	146.56	76.542
%RSD	.4020569	1.369944	.5030780	1.145719	1.563642

#1	3202.757	4094.091	77179.97	12822.71	4929.147
#2	3204.496	4001.181	76412.21	12632.04	4807.453
#3	3181.420	4100.844	76722.59	12920.17	4948.730

Sample Name: J1532-08 Acquired: 2/23/2018 14:27:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA688 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0815326	.0045446	1.474355	-.030062	.0053124	75.30264	1.675865
Stddev	.0018562	.0015313	.004827	.006671	.0008589	.34583	.010676
%RSD	2.276588	33.69371	.3273862	22.19100	16.16867	.4592586	.6370599

#1	.0831487	.0028648	1.477184	-.037762	.0056856	74.99135	1.666409
#2	.0819439	.0049065	1.468782	-.026398	.0059215	75.67491	1.673744
#3	.0795053	.0058625	1.477099	-.026026	.0043299	75.24166	1.687443

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109195	.0066021	56.17919	.1274180	.2248829	.1535013	179.1367
Stddev	.0000357	.0001482	.40733	.0014148	.0014886	.0001841	1.0664
%RSD	.3273028	2.244288	.7250509	1.110328	.6619253	.1199558	.5952793

#1	.0109567	.0067703	55.87275	.1278589	.2256117	.1533351	178.4281
#2	.0108854	.0065451	56.02339	.1285599	.2231703	.1534695	178.6189
#3	.0109164	.0064909	56.64142	.1258353	.2258666	.1536993	180.3631

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.83655	24.01703	.1420480	-.011080	.2391812	.3200670	1.686824
Stddev	.09830	.11845	.0005535	.000201	.0556555	.0065925	.013234
%RSD	.6207023	.4931980	.3896587	1.811779	23.26920	2.059737	.7845290

#1	15.76749	23.91520	.1425178	-.011305	.1764427	.3185322	1.671657
#2	15.79307	23.98888	.1414378	-.011016	.2584901	.3272916	1.692793
#3	15.94909	24.14702	.1421882	-.010919	.2826107	.3143773	1.696022

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.651693	4.073167	.3080179	.0060559	3.848723	6.303847	.0066498
Stddev	.106575	.052622	.0048108	.0001195	.038776	.011881	.0007131
%RSD	1.392834	1.291921	1.561848	1.973795	1.007509	.1884701	10.72416

#1	7.528714	4.060276	.3076605	.0059202	3.856240	6.297788	.0063251
#2	7.717118	4.028188	.3033958	.0061021	3.806738	6.317536	.0074675
#3	7.709247	4.131037	.3129974	.0061455	3.883190	6.296218	.0061568

Sample Name: J1532-08 Acquired: 2/23/2018 14:27:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA688 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5972106	.0497316	.0601667
Stddev	.0025523	.0006038	.0002443
%RSD	.4273646	1.214220	.4060570

#1	.5948035	.0502073	.0598921
#2	.5998867	.0499352	.0602478
#3	.5969415	.0490523	.0603601

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3420.987	4352.903	81405.75	12922.05	5304.761
Stddev	17.311	16.874	238.23	56.03	22.341
%RSD	.5060233	.3876414	.2926398	.4336120	.4211593

#1	3410.036	4333.740	81174.71	12916.95	5279.707
#2	3440.945	4365.535	81650.56	12868.75	5322.615
#3	3411.981	4359.435	81391.98	12980.46	5311.959

Sample Name: J1532-09 Acquired: 2/23/2018 14:31:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA688D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0806543	.0060413	1.418308	-.026663	.0041610	71.83008	1.602762
Stddev	.0040463	.0018432	.008185	.002266	.0014667	.13798	.005645
%RSD	5.016869	30.50957	.5770646	8.499391	35.24933	.1920857	.3522016

#1	.0760068	.0054648	1.413359	-.027186	.0026408	71.71748	1.607916
#2	.0825616	.0045553	1.413810	-.024181	.0042745	71.98400	1.603640
#3	.0833945	.0081038	1.427755	-.028622	.0055676	71.78878	1.596729

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103182	.0063317	53.75616	.1200225	.2169147	.1486660	171.7495
Stddev	.0001198	.0001024	.08591	.0007989	.0017350	.0025210	.5723
%RSD	1.161000	1.616573	.1598081	.6656630	.7998439	1.695720	.3332406

#1	.0103365	.0063265	53.85074	.1199352	.2163677	.1474798	172.3731
#2	.0101903	.0062320	53.73479	.1192708	.2155191	.1469569	171.2482
#3	.0104277	.0064365	53.68296	.1208615	.2188572	.1515612	171.6273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.18696	23.00320	.1370251	-.010708	.2687874	.3068973	1.612592
Stddev	.05162	.04571	.0014958	.000265	.1026187	.0015339	.032700
%RSD	.3398658	.1987099	1.091653	2.478216	38.17839	.4997955	2.027769

#1	15.24581	23.04042	.1358474	-.010948	.1722480	.3052815	1.645466
#2	15.16570	22.95218	.1365198	-.010423	.3765610	.3083334	1.612241
#3	15.14938	23.01699	.1387082	-.010754	.2575534	.3070769	1.580070

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.140843	3.911168	.2955641	.0055356	3.710090	6.106195	.0064786
Stddev	.039969	.055489	.0023931	.0002888	.045304	.058181	.0004606
%RSD	.5597230	1.418743	.8096763	5.216660	1.221100	.9528198	7.110231

#1	7.175358	3.892012	.2978206	.0052421	3.698304	6.116287	.0060377
#2	7.150119	3.867795	.2958172	.0055451	3.671844	6.043629	.0064413
#3	7.097052	3.973698	.2930545	.0058195	3.760122	6.158671	.0069568

Sample Name: J1532-09 Acquired: 2/23/2018 14:31:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA688D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5734357	.0483683	.0576654
Stddev	.0013960	.0010629	.0000810
%RSD	.2434513	2.197451	.1404983

#1	.5747036	.0474013	.0576108
#2	.5736638	.0495063	.0576268
#3	.5719396	.0481973	.0577585

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3543.214	4486.768	84841.54	13447.12	5479.174
Stddev	41.523	26.148	532.77	93.27	36.130
%RSD	1.171892	.5827821	.6279564	.6936098	.6594048

#1	3496.103	4509.305	84254.00	13479.13	5504.486
#2	3559.054	4492.900	84977.40	13520.18	5495.237
#3	3574.486	4458.099	85293.22	13342.07	5437.798

Sample Name: J1532-10 Acquired: 2/23/2018 14:35:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA688S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1419937	.1079646	1.432781	.0587026	.1803432	76.62152	5.552164
Stddev	.0013934	.0016305	.006170	.0021122	.0017073	.27177	.010611
%RSD	.9813237	1.510168	.4306272	3.598126	.9467116	.3546890	.1911193

#1	.1404682	.1090357	1.426250	.0610782	.1783736	76.77156	5.564007
#2	.1423134	.1087699	1.433583	.0579932	.1812522	76.78518	5.548966
#3	.1431995	.1060882	1.438511	.0570365	.1814036	76.30780	5.543521

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1046581	.1108080	53.81810	.4741325	1.274580	.6225948	174.8422
Stddev	.0014223	.0007965	.05337	.0014979	.004712	.0008008	.6786
%RSD	1.358957	.7187895	.0991699	.3159301	.3696747	.1286244	.3881435

#1	.1060105	.1099683	53.87507	.4758289	1.269248	.6222622	175.6258
#2	.1031750	.1109030	53.80997	.4729919	1.276305	.6220140	174.4567
#3	.1047889	.1115527	53.76926	.4735767	1.278186	.6235084	174.4441

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.16947	23.19029	1.177561	.0804618	.3091252	1.254066	2.559545
Stddev	.04188	.10400	.005616	.0006710	.1652503	.005369	.010066
%RSD	.2590237	.4484685	.4768783	.8339807	53.45742	.4281511	.3932899

#1	16.21774	23.26813	1.172422	.0810837	.4996689	1.257037	2.549146
#2	16.14276	23.07218	1.176707	.0797506	.2226560	1.257293	2.569242
#3	16.14792	23.23057	1.183555	.0805512	.2050506	1.247868	2.560247

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.184531	3.835036	.3040600	.0059297	3.617531	9.975135	.0063409
Stddev	.028467	.033658	.0008727	.0001259	.024320	.132856	.0004422
%RSD	.3962315	.8776360	.2870111	2.122853	.6722839	1.331873	6.973632

#1	7.212942	3.806166	.3039221	.0060312	3.599748	10.08598	.0066910
#2	7.156008	3.826939	.3049934	.0057888	3.607600	9.82786	.0058440
#3	7.184645	3.872004	.3032644	.0059691	3.645245	10.01157	.0064877

Sample Name: J1532-10 Acquired: 2/23/2018 14:35:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA688S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6447207	.0508950	.0581003
Stddev	.0025423	.0005181	.0003165
%RSD	.3943304	1.017939	.5448153

#1	.6476077	.0510192	.0584153
#2	.6428165	.0503261	.0581035
#3	.6437379	.0513396	.0577822

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3533.013	4500.700	84243.59	13311.15	5495.564
Stddev	12.139	5.836	145.18	69.86	17.340
%RSD	.3435741	.1296674	.1723375	.5248567	.3155357

#1	3544.476	4501.042	84383.90	13239.49	5512.579
#2	3534.268	4506.358	84252.90	13379.07	5496.196
#3	3520.296	4494.701	84093.98	13314.89	5477.916

Sample Name: J1532-08LX5 Acquired: 2/23/2018 14:39:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA688L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234930	.0031953	.2952960	-.008242	.0001346	16.46858	.3659601
Stddev	.0015486	.0006295	.0025085	.000842	.0017344	.00564	.0013367
%RSD	6.591873	19.70072	.8494791	10.21165	1288.238	.0342517	.3652553

#1	.0224049	.0028029	.2975707	-.007517	-.001067	16.47424	.3644337
#2	.0252659	.0028616	.2957116	-.008044	-.000652	16.46855	.3665250
#3	.0228081	.0039214	.2926056	-.009165	.002123	16.46296	.3669216

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024257	.0010251	12.42757	.0286572	.0442736	.0362923	40.43734
Stddev	.0000339	.0000422	.06381	.0002075	.0001897	.0007836	.24345
%RSD	1.395308	4.112331	.5134177	.7240113	.4285030	2.159265	.6020411

#1	.0024530	.0009779	12.36148	.0284566	.0444381	.0363075	40.19155
#2	.0024364	.0010591	12.43240	.0288710	.0443166	.0355012	40.44209
#3	.0023879	.0010382	12.48882	.0286439	.0440660	.0370683	40.67838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.580436	5.366043	.0280987	-.003137	-.068391	.0699842	.3598526
Stddev	.027796	.107962	.0003637	.000215	.206195	.0014575	.0061230
%RSD	.7763182	2.011942	1.294449	6.868790	301.4954	2.082602	1.701530

#1	3.549853	5.244317	.0284430	-.002891	-.267230	.0699956	.3669151
#2	3.587293	5.450202	.0281348	-.003226	-.082389	.0714359	.3560343
#3	3.604160	5.403611	.0277182	-.003293	.144447	.0685210	.3566085

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.185322	.7845430	.0658619	.0012856	.7457795	2.131885	-.000455
Stddev	.061443	.0060509	.0009855	.0002492	.0048141	.007273	.000356
%RSD	5.183636	.7712678	1.496280	19.38399	.6455123	.3411485	78.27767

#1	1.190615	.7904308	.0647438	.0015286	.7505875	2.124964	-.000168
#2	1.121404	.7848569	.0666041	.0010307	.7409593	2.139465	-.000853
#3	1.243947	.7783412	.0662379	.0012974	.7457917	2.131224	-.000343

Sample Name: J1532-08LX5 Acquired: 2/23/2018 14:39:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA688L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1445081	.0130677	.0132686
Stddev	.0008516	.0004520	.0000401
%RSD	.5892880	3.458684	.3018854

#1	.1450179	.0133490	.0132758
#2	.1435250	.0125463	.0132255
#3	.1449814	.0133077	.0133046

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3206.138	4147.647	75775.21	11917.63	5784.506
Stddev	12.009	27.852	141.40	37.17	40.532
%RSD	.3745575	.6715077	.1866074	.3118640	.7006928

#1	3211.312	4120.894	75877.42	11952.73	5747.479
#2	3192.409	4145.567	75613.84	11921.46	5778.230
#3	3214.692	4176.481	75834.37	11878.69	5827.810

Sample Name: J1532-11 Acquired: 2/23/2018 14:43:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA689 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0936979	-.003635	8.947686	-.038291	.0089784	90.09443	1.310456
Stddev	.0035589	.001393	.025654	.003597	.0015757	5.10428	.069539
%RSD	3.798277	38.32461	.2867079	9.393214	17.55038	5.665476	5.306485

#1	.0973165	-.005202	8.949763	-.040113	.0099027	86.88786	1.268561
#2	.0902018	-.003165	8.972238	-.040613	.0098736	87.41495	1.272079
#3	.0935755	-.002537	8.921057	-.034148	.0071590	95.98048	1.390727

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126769	.0411777	174.2316	.1368660	.1828941	.2597964	229.2105
Stddev	.0006415	.0005079	9.4340	.0019599	.0004643	.0146479	12.1333
%RSD	5.060469	1.233558	5.414655	1.431981	.2538902	5.638234	5.293524

#1	.0124112	.0412159	168.7881	.1379584	.1833124	.2515945	222.4904
#2	.0122108	.0416655	168.7816	.1380363	.1829753	.2510868	221.9241
#3	.0134085	.0406517	185.1251	.1346034	.1823945	.2767078	243.2170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.45581	89.11607	.2002235	-.011098	.7255828	.3217511	4.032809
Stddev	.62778	5.00139	.0005147	.000967	.0643267	.0204276	.043839
%RSD	5.480032	5.612223	.2570650	8.716595	8.865517	6.348892	1.087052

#1	11.09678	86.19850	.1999574	-.012204	.6892765	.3081679	4.044313
#2	11.08995	86.25863	.1998964	-.010679	.7998546	.3118421	3.984365
#3	12.18070	94.89107	.2008168	-.010410	.6876172	.3452433	4.069749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.80494	6.163783	.4064047	.0061089	3.588352	5.747465	.0809339
Stddev	.96185	.035635	.0225292	.0004363	.015497	.313357	.0002241
%RSD	6.967423	.5781432	5.543549	7.142454	.4318772	5.452099	.2769433

#1	13.24367	6.147666	.3986323	.0056053	3.580461	5.587782	.0806795
#2	13.25559	6.139054	.3887907	.0063732	3.578388	5.546114	.0811021
#3	14.91557	6.204630	.4317911	.0063482	3.606206	6.108498	.0810202

Sample Name: J1532-11 Acquired: 2/23/2018 14:43:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA689 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6086382	.0667961	.1222357
Stddev	.0374353	.0035805	.0066138
%RSD	6.150669	5.360279	5.410690

#1	.5859235	.0657246	.1184975
#2	.5881453	.0638738	.1183374
#3	.6518457	.0707900	.1298721

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3384.087	4229.128	81020.14	12625.05	4907.479
Stddev	56.958	5.743	1072.74	583.85	7.147
%RSD	1.683106	.1358020	1.324040	4.624560	.1456400

#1	3321.749	4227.754	79798.84	12969.25	4903.417
#2	3433.413	4224.196	81809.93	12954.98	4903.288
#3	3397.098	4235.434	81451.63	11950.93	4915.731

Sample Name: J1532-12 Acquired: 2/23/2018 14:47:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA690 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0972958	.0068703	6.884467	-.036478	.0057481	89.66842	2.243289
Stddev	.0011406	.0011568	.090612	.003628	.0012247	.26774	.002205
%RSD	1.172317	16.83778	1.316183	9.945305	21.30621	.2985923	.0982873

#1	.0966400	.0065526	6.804498	-.037037	.0050077	89.74837	2.244169
#2	.0986128	.0081528	6.866020	-.039793	.0050749	89.88709	2.244919
#3	.0966344	.0059055	6.982884	-.032603	.0071617	89.36982	2.240781

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120211	.0277463	126.2639	.1143304	.1873383	.3360857	204.7079
Stddev	.0003407	.0004405	.3204	.0003813	.0026028	.0001785	.8317
%RSD	2.833788	1.587506	.2537374	.3335332	1.389357	.0530990	.4062715

#1	.0120710	.0272783	126.5233	.1147661	.1849434	.3362078	205.0488
#2	.0116583	.0278077	125.9057	.1140573	.1869632	.3358809	203.7599
#3	.0123341	.0281528	126.3626	.1141679	.1901083	.3361683	205.3149

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.41127	57.36151	.2143956	-.011022	.7143631	.2693552	2.715899
Stddev	.05870	.19472	.0025856	.000199	.2101448	.0019768	.023061
%RSD	.3371398	.3394609	1.205991	1.806015	29.41709	.7339024	.8491280

#1	17.44094	57.49765	.2120649	-.010830	.7470436	.2710319	2.689279
#2	17.34365	57.13848	.2139450	-.011009	.4897925	.2698582	2.728603
#3	17.44920	57.44842	.2171769	-.011228	.9062531	.2671754	2.729815

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.097037	7.850987	.3607489	.0039444	5.948264	3.526582	.0074164
Stddev	.054646	.118559	.0039921	.0003146	.093853	.019053	.0005444
%RSD	.6007016	1.510117	1.106613	7.977155	1.577821	.5402542	7.340832

#1	9.062053	7.741076	.3611781	.0036335	5.867241	3.528873	.0069483
#2	9.160008	7.835261	.3565596	.0039370	5.926446	3.506488	.0072869
#3	9.069051	7.976625	.3645091	.0042627	6.051104	3.544385	.0080138

Sample Name: J1532-12 Acquired: 2/23/2018 14:47:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA690 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5361598	.0650351	.1053544
Stddev	.0024129	.0005717	.0002457
%RSD	.4500368	.8790150	.2332434

#1	.5387033	.0652153	.1055684
#2	.5358729	.0654949	.1054088
#3	.5339031	.0643950	.1050861

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3541.103	4509.213	84886.59	13681.48	5167.869
Stddev	15.234	43.367	246.26	35.24	63.239
%RSD	.4302166	.9617425	.2901098	.2576077	1.223703

#1	3557.414	4543.300	85082.20	13647.15	5222.680
#2	3538.654	4523.939	84967.54	13717.57	5182.247
#3	3527.242	4460.401	84610.04	13679.71	5098.678

Sample Name: J1532-13 Acquired: 2/23/2018 14:51:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA691 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1005802	-.003765	5.533259	-.045292	.0068602	99.47759	1.501294
Stddev	.0051175	.004029	.053583	.002468	.0012699	.34837	.004851
%RSD	5.087976	107.0015	.9683799	5.449635	18.51162	.3501976	.3231464

#1	.1044604	.000676	5.485418	-.047790	.0055744	99.71450	1.506131
#2	.1024997	-.004787	5.523200	-.042854	.0068926	99.07759	1.501324
#3	.0947804	-.007185	5.591158	-.045233	.0081137	99.64067	1.496428

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142027	.0717124	278.2901	.1430791	.2075683	.2308903	241.8012
Stddev	.0000988	.0009867	1.5439	.0066469	.0024539	.0009152	2.0091
%RSD	.6956183	1.375905	.5547724	4.645616	1.182238	.3963708	.8309025

#1	.0141834	.0709909	279.5827	.1423196	.2053642	.2306006	243.5440
#2	.0143098	.0713096	278.7069	.1500731	.2071281	.2319153	242.2560
#3	.0141150	.0728368	276.5805	.1368445	.2102125	.2301551	239.6037

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.19670	130.4611	.1928192	-.011388	1.161402	.4072012	4.728847
Stddev	.10705	1.0446	.0017966	.000586	.097402	.0026578	.136881
%RSD	.6609642	.8006837	.9317389	5.149579	8.386601	.6527005	2.894602

#1	16.28461	131.4300	.1910955	-.010998	1.271179	.4067875	4.658136
#2	16.22801	130.5988	.1926815	-.012062	1.127705	.4100416	4.886622
#3	16.07748	129.3545	.1946807	-.011103	1.085323	.4047745	4.641784

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.562744	6.381773	.4167481	.0046983	7.292696	4.733404	.0074849
Stddev	.016801	.033666	.0039909	.0002047	.057890	.043441	.0011685
%RSD	.2559988	.5275363	.9576364	4.357772	.7938097	.9177534	15.61134

#1	6.580782	6.350172	.4206226	.0048507	7.231143	4.766033	.0080402
#2	6.547542	6.417180	.4169716	.0044656	7.346049	4.750083	.0061423
#3	6.559908	6.377966	.4126502	.0047787	7.300895	4.684095	.0082722

Sample Name: J1532-13 Acquired: 2/23/2018 14:51:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA691 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5693391	.0656935	.1619094
Stddev	.0013519	.0005560	.0002760
%RSD	.2374530	.8462893	.1704788

#1	.5679464	.0663277	.1621465
#2	.5706461	.0652904	.1616064
#3	.5694250	.0654623	.1619753

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3512.963	4573.374	84495.99	13901.06	4914.781
Stddev	102.789	25.150	2651.67	44.48	37.231
%RSD	2.926004	.5499259	3.138223	.3199462	.7575277

#1	3560.780	4595.703	85502.29	13849.70	4944.649
#2	3394.976	4578.290	81488.46	13926.52	4926.625
#3	3583.134	4546.129	86497.21	13926.95	4873.069

Sample Name: CCV012 Acquired: 2/23/2018 14:55:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.275878	5.302535	26.00292	5.257830	5.334394	400.4806
Stddev	.022323	.022256	.10436	.040112	.029310	1.3836
%RSD	.4231057	.4197290	.4013551	.7628933	.5494563	.3454746

#1	5.299951	5.319289	26.05504	5.288043	5.353416	402.0543
#2	5.271819	5.311036	26.07096	5.273127	5.349126	399.9322
#3	5.255863	5.277282	25.88276	5.212321	5.300640	399.4554

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.89471	.5431076	2.637619	410.1651	15.78698	2.691367
Stddev	.11427	.0072942	.006813	2.3177	.09451	.008155
%RSD	1.048858	1.343048	.2582982	.5650616	.5986892	.3030144

#1	10.96069	.5492633	2.642865	410.3084	15.70327	2.694272
#2	10.76276	.5350512	2.640073	407.7791	15.76820	2.697673
#3	10.96067	.5450082	2.629919	412.4078	15.88948	2.682158

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.80831	391.9480	15.18706	400.3813	2.590988	1.363008
Stddev	.04728	2.3979	.10507	2.3529	.010073	.012045
%RSD	.2990904	.6117778	.6918094	.5876570	.3887693	.8836923

#1	15.83423	391.7910	15.17705	400.0624	2.596001	1.349780
#2	15.75374	389.6324	15.08736	398.2042	2.597570	1.373343
#3	15.83696	394.4204	15.29677	402.8774	2.579392	1.365900

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	420.8954	2.558202	14.70065	F 167.7340	4.717200	F 5.827188
Stddev	2.7459	.022245	.29658	.6393	.025296	.064856
%RSD	.6523968	.8695504	2.017491	.3811495	.5362561	1.112989

#1	420.8379	2.583382	14.42737	168.0760	4.744154	5.886601
#2	418.1786	2.541216	15.01604	166.9964	4.713472	5.757999
#3	423.6696	2.550008	14.65855	168.1295	4.693975	5.836965

Sample Name: CCV012 Acquired: 2/23/2018 14:55:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.198853	5.511622	5.408629	5.185910	5.306534	5.692166
Stddev	.022818	.042379	.062477	.014858	.023695	.015657
%RSD	.4389059	.7689064	1.155142	.2865156	.4465214	.2750571

#1	5.216607	5.540056	5.459901	5.197252	5.332850	5.703267
#2	5.206836	5.531896	5.339040	5.191387	5.286892	5.674258
#3	5.173116	5.462914	5.426945	5.169090	5.299860	5.698972

Elem	Sr4077
Units	ppm
Avg	5.446484
Stddev	.080546
%RSD	1.478869

#1	5.515169
#2	5.357832
#3	5.466451

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2535.897	3205.616	62248.04	10661.52	4185.096
Stddev	34.433	11.775	707.93	136.95	13.217
%RSD	1.357829	.3673334	1.137275	1.284541	.3158013

#1	2573.151	3197.382	63064.81	10566.47	4177.204
#2	2505.240	3200.363	61868.59	10818.50	4177.729
#3	2529.300	3219.104	61810.72	10599.59	4200.354

Sample Name: CCB012 Acquired: 2/23/2018 14:59:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010235	-.000049	-.000167	-.003040	-.000511	.0102478	.0002491
Stddev	.0007573	.000701	.001077	.001627	.000725	.0035462	.0002646
%RSD	73.99068	1424.485	645.6919	53.51999	141.7013	34.60414	106.2444

#1	.0017728	.000477	.000498	-.002763	-.001321	.0138063	.0005373
#2	.0002585	.000220	-.001410	-.004787	-.000289	.0102230	.0001929
#3	.0010392	-.000845	.000411	-.001569	.000076	.0067141	.0000170

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000233	.0000203	-.000251	-.000159	.0001999	.0003972	.0075062
Stddev	.0000162	.0000240	.006403	.000406	.0001033	.0022273	.0046048
%RSD	69.73892	118.5217	2553.551	255.2215	51.66659	560.7651	61.34566

#1	.0000050	-.000007	.005712	-.000584	.0001807	-.001996	.0124772
#2	.0000358	.000030	.000554	-.000120	.0003115	.002410	.0033865
#3	.0000290	.000038	-.007019	.000226	.0001076	.000778	.0066550

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006067	.0211070	.0002002	-.000971	-.200774	-.001602	-.002315
Stddev	.0002915	.0125595	.0000977	.000341	.149753	.001730	.001906
%RSD	48.05114	59.50383	48.79488	35.09412	74.58802	107.9756	82.36586

#1	.0009199	.0354513	.0002241	-.001227	-.052594	-.000830	-.003801
#2	.0003434	.0120853	.0002836	-.000584	-.197675	-.000393	-.000165
#3	.0005567	.0157843	.0000927	-.001103	-.352053	-.003583	-.002978

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.243006	-.000338	.0007152	-.000023	.0123435	-.001433	-.000881
Stddev	.058207	.001503	.0007689	.000234	.0025187	.001296	.000339
%RSD	23.95283	444.9081	107.5132	1014.219	20.40480	90.40450	38.44868

#1	-.222299	-.001854	.0014746	.000010	.0151732	-.002347	-.000967
#2	-.197984	.001150	.0007339	.000193	.0115100	-.002004	-.000508
#3	-.308735	-.000309	-.000063	-.000272	.0103472	.000050	-.001169

Sample Name: CCB012 Acquired: 2/23/2018 14:59:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000908	.0044416	.0000222
Stddev	.0000582	.0004235	.0000656
%RSD	64.04485	9.534965	295.9395

#1	.0000354	.0048976	.0000958
#2	.0001514	.0043668	.0000008
#3	.0000857	.0040605	-.000030

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3213.266	4100.540	75802.08	11652.83	6040.487
Stddev	44.945	16.564	733.41	84.40	27.467
%RSD	1.398736	.4039427	.9675328	.7243215	.4547219

#1	3225.469	4097.260	75826.21	11617.61	6033.616
#2	3250.848	4085.862	76523.13	11591.74	6017.107
#3	3163.479	4118.499	75056.91	11749.14	6070.737

Sample Name: J1532-14 Acquired: 2/23/2018 15:03:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA692 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0927408	.0055470	10.71415	-.043714	.0076888	85.13902	3.010880
Stddev	.0002802	.0001930	.07180	.001407	.0019815	.12554	.013562
%RSD	.3021253	3.479642	.6700981	3.219662	25.77142	.1474583	.4504419

#1	.0926860	.0057446	10.65463	-.044020	.0054825	85.03195	3.022364
#2	.0924920	.0053590	10.69392	-.044943	.0093170	85.27719	3.014359
#3	.0930443	.0055374	10.79389	-.042178	.0082668	85.10791	2.995917

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111370	.0347142	188.0689	.1421820	.2157635	.3420994	219.6197
Stddev	.0001155	.0003109	.9121	.0002146	.0015210	.0017887	1.2961
%RSD	1.037198	.8956841	.4850058	.1509605	.7049629	.5228706	.5901760

#1	.0111353	.0343760	188.9339	.1420056	.2145130	.3438237	220.9682
#2	.0112533	.0347789	188.1567	.1421193	.2153206	.3402525	219.5078
#3	.0110223	.0349876	187.1160	.1424209	.2174568	.3422221	218.3832

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.33190	85.26290	.2265380	-.011765	.7525827	.2938762	3.102023
Stddev	.07637	.43258	.0017287	.000466	.2343411	.0025370	.038296
%RSD	.4676049	.5073500	.7630973	3.963640	31.13826	.8632929	1.234543

#1	16.40673	85.67976	.2256037	-.011320	.7456677	.2940450	3.117386
#2	16.33489	85.29280	.2254774	-.011725	.5217756	.2963247	3.058431
#3	16.25408	84.81615	.2285328	-.012250	.9903048	.2912591	3.130252

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.86496	6.112658	.4073184	.0077123	7.098339	14.51668	.0194076
Stddev	.05064	.006159	.0030574	.0001144	.013529	.09464	.0016777
%RSD	.4661073	.1007629	.7506082	1.483692	.1905874	.6519166	8.644316

#1	10.86389	6.117956	.4077833	.0075824	7.082785	14.59942	.0178901
#2	10.91613	6.105900	.4040552	.0077981	7.107374	14.53714	.0212092
#3	10.81486	6.114118	.4101166	.0077565	7.104858	14.41349	.0191237

Sample Name: J1532-14 Acquired: 2/23/2018 15:03:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA692 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7646013	.0669435	.1177044
Stddev	.0018147	.0006543	.0005415
%RSD	.2373453	.9773301	.4600165

#1	.7639261	.0674662	.1180601
#2	.7666568	.0662097	.1179718
#3	.7632208	.0671545	.1170812

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3360.850	4265.892	80322.70	12867.75	5049.879
Stddev	16.528	21.695	189.82	76.38	29.368
%RSD	.4917863	.5085799	.2363174	.5935724	.5815489

#1	3347.801	4283.076	80432.26	12859.63	5070.930
#2	3379.436	4273.087	80432.32	12795.76	5062.378
#3	3355.313	4241.513	80103.52	12947.87	5016.330

Sample Name: J1532-15 Acquired: 2/23/2018 15:07:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA693 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0786322	.0103207	17.53150	-.051422	.0074739	61.93367	1.997959
Stddev	.0071300	.0014795	.21740	.001203	.0006421	.57338	.021714
%RSD	9.067565	14.33536	1.240075	2.338620	8.591265	.9257993	1.086800

#1	.0718296	.0110753	17.78196	-.050969	.0082138	62.59355	2.022931
#2	.0780171	.0086160	17.42112	-.052786	.0071447	61.65055	1.987422
#3	.0860498	.0112707	17.39144	-.050512	.0070631	61.55693	1.983525

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117545	.1938291	776.1450	.0810867	.2909974	.9055250	253.0982
Stddev	.0002247	.0025921	10.9988	.0002895	.0037862	.0073035	2.3617
%RSD	1.911607	1.337330	1.417112	.3569707	1.301102	.8065438	.9331198

#1	.0120117	.1967755	788.8447	.0813782	.2953618	.9137062	255.7227
#2	.0116557	.1928120	769.6847	.0807993	.2885935	.9032068	252.4278
#3	.0115961	.1918997	769.9055	.0810826	.2890371	.8996620	251.1442

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.52161	377.2142	.2582648	-.001597	1.463300	.2090254	9.554579
Stddev	.20512	3.5484	.0036939	.000595	.300382	.0036430	.069323
%RSD	.8036959	.9406874	1.430291	37.23558	20.52769	1.742835	.7255477

#1	25.75088	380.9555	.2624638	-.001522	1.203702	.2132314	9.602961
#2	25.45845	376.7905	.2568151	-.002226	1.393885	.2068669	9.585616
#3	25.35551	373.8968	.2555157	-.001044	1.792312	.2069778	9.475161

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.732893	5.671513	.4425034	.0054785	10.52282	8.922252	.0116734
Stddev	.104436	.027674	.0020560	.0000989	.05602	.105583	.0014440
%RSD	1.195895	.4879547	.4646261	1.804850	.5324083	1.183370	12.36984

#1	8.839638	5.650920	.4448775	.0055410	10.52478	9.036737	.0131564
#2	8.630930	5.660647	.4413139	.0055300	10.46584	8.901308	.0115918
#3	8.728110	5.702971	.4413189	.0053645	10.57784	8.828710	.0102719

Sample Name: J1532-15 Acquired: 2/23/2018 15:07:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA693 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5377679	.0672113	.2520916
Stddev	.0032997	.0022371	.0019569
%RSD	.6135930	3.328513	.7762770

#1	.5415035	.0697367	.2543183
#2	.5365497	.0664192	.2513109
#3	.5352505	.0654780	.2506454

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2994.279	3828.915	72551.31	12181.90	4393.359
Stddev	15.057	32.133	42.87	77.09	49.772
%RSD	.5028610	.8392124	.0590899	.6328127	1.132884

#1	2986.923	3792.000	72574.32	12098.07	4336.088
#2	2984.313	3850.604	72577.76	12197.89	4417.846
#3	3011.600	3844.142	72501.85	12249.74	4426.144

Sample Name: J1532-16 Acquired: 2/23/2018 15:11:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA694 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0649929	.0073379	4.878884	-.028514	.0037703	62.06462	1.557150
Stddev	.0019578	.0035252	.012670	.000802	.0024944	.61201	.014369
%RSD	3.012319	48.04080	.2596957	2.811067	66.15953	.9860858	.9227700

#1	.0672536	.0097590	4.867802	-.029408	.0041635	62.76084	1.572924
#2	.0638674	.0032935	4.876153	-.028278	.0060447	61.82146	1.553720
#3	.0638578	.0089613	4.892697	-.027858	.0011026	61.61157	1.544807

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084157	.0438632	118.0492	.1033942	.1438025	.1610629	154.3132
Stddev	.0001481	.0002138	1.0795	.0111405	.0006970	.0018922	1.5230
%RSD	1.760149	.4874636	.9144286	10.77479	.4847068	1.174845	.9869254

#1	.0085863	.0436565	119.1796	.0970049	.1430019	.1627115	155.9443
#2	.0083420	.0438497	117.9389	.0969197	.1442742	.1614804	154.0670
#3	.0083189	.0440835	117.0291	.1162581	.1441314	.1589968	152.9284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.92031	47.02898	.1495673	-.007352	.2707563	.1960835	2.972664
Stddev	.12081	.53610	.0001948	.001361	.0535154	.0061631	.195076
%RSD	.8678695	1.139926	.1302734	18.51518	19.76513	3.143077	6.562314

#1	14.04942	47.54747	.1493789	-.006293	.2892638	.2030704	2.837128
#2	13.90151	47.06263	.1495551	-.006876	.3125614	.1914193	2.884621
#3	13.81000	46.47686	.1497680	-.008888	.2104439	.1937608	3.196243

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.784993	4.671397	.2769131	.0035364	3.686348	4.486264	.0025165
Stddev	.081316	.027845	.0036841	.0001888	.018734	.019932	.0013263
%RSD	.9256286	.5960698	1.330423	5.337900	.5081921	.4442946	52.70411

#1	8.851056	4.687596	.2797756	.0033758	3.696988	4.473889	.0015635
#2	8.694176	4.687351	.2782072	.0037443	3.697339	4.475645	.0019548
#3	8.809746	4.639245	.2727565	.0034890	3.664717	4.509257	.0040312

Sample Name: J1532-16 Acquired: 2/23/2018 15:11:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA694 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4802431	.0486424	.1035402
Stddev	.0030026	.0003990	.0007257
%RSD	.6252166	.8202826	.7008899

#1	.4837095	.0488636	.1043243
#2	.4784521	.0488818	.1034043
#3	.4785676	.0481818	.1028921

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3230.456	4230.939	77366.43	12865.59	5239.476
Stddev	226.134	11.037	5614.46	49.87	11.968
%RSD	7.000059	.2608726	7.256972	.3876386	.2284237

#1	3407.035	4242.737	81311.23	12808.54	5253.288
#2	3308.755	4220.865	79849.48	12900.89	5232.958
#3	2975.579	4229.215	70938.57	12887.35	5232.181

Sample Name: J1532-17 Acquired: 2/23/2018 15:15:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA695 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0811928	.0015233	11.85437	-.038147	.0056503	85.05390	1.497529
Stddev	.0034677	.0011701	.22759	.002104	.0003793	.28759	.004659
%RSD	4.270883	76.81075	1.919848	5.515468	6.713333	.3381289	.3111277

#1	.0783965	.0022663	11.74104	-.036187	.0053349	85.38067	1.492540
#2	.0801091	.0001746	11.70570	-.037884	.0060712	84.94170	1.498281
#3	.0850729	.0021292	12.11637	-.040370	.0055448	84.83931	1.501767

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102449	.0712157	258.3555	.1122761	.2176065	.4623598	217.9902
Stddev	.0000978	.0016670	.7130	.0002095	.0036067	.0032515	.9987
%RSD	.9544695	2.340736	.2759621	.1865853	1.657442	.7032399	.4581425

#1	.0101629	.0703786	257.7226	.1121800	.2159336	.4599314	217.0732
#2	.0103531	.0701332	258.2161	.1125163	.2151401	.4610942	217.8431
#3	.0102187	.0731353	259.1279	.1121318	.2217459	.4660538	219.0543

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.88811	126.2439	.1892820	-.008999	.7248592	.2779659	4.264967
Stddev	.05687	.6435	.0039963	.000117	.0550476	.0043014	.005581
%RSD	.3819646	.5097077	2.111275	1.302694	7.594240	1.547457	.1308681

#1	14.83575	125.6174	.1867458	-.008939	.7006051	.2730379	4.259518
#2	14.87997	126.2112	.1872115	-.008923	.6861036	.2798926	4.264712
#3	14.94861	126.9031	.1938886	-.009134	.7878688	.2809671	4.270672

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.539776	4.579305	.3749688	.0053413	4.737341	8.198297	.0050318
Stddev	.062691	.140118	.0042761	.0001459	.137448	.019265	.0009002
%RSD	.6571576	3.059815	1.140375	2.732289	2.901368	.2349831	17.89077

#1	9.581647	4.493922	.3708545	.0054973	4.659302	8.216956	.0059510
#2	9.467700	4.502977	.3746621	.0053185	4.656677	8.199457	.0049926
#3	9.569981	4.741015	.3793900	.0052081	4.896045	8.178479	.0041518

Sample Name: J1532-17 Acquired: 2/23/2018 15:15:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA695 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7243961	.0679947	.1481364
Stddev	.0013678	.0008526	.0003218
%RSD	.1888204	1.253917	.2172407

#1	.7255977	.0689609	.1482602
#2	.7229076	.0673481	.1477710
#3	.7246830	.0676751	.1483779

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3208.265	4052.201	77178.84	12472.32	4874.554
Stddev	18.482	55.991	386.03	100.11	82.849
%RSD	.5760894	1.381749	.5001718	.8026260	1.699621

#1	3195.544	4073.768	76780.45	12357.16	4916.139
#2	3199.786	4094.202	77204.87	12521.26	4928.374
#3	3229.466	3988.634	77551.19	12538.55	4779.149

Sample Name: J1532-18 Acquired: 2/23/2018 15:19:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA696 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0842183	-.004120	29.08188	-.035974	.0061972	48.03036	2.915887
Stddev	.0033362	.001355	.16806	.002258	.0015384	.25512	.016295
%RSD	3.961408	32.88318	.5778725	6.277638	24.82350	.5311584	.5588496

#1	.0866478	-.005685	29.27431	-.038537	.0079304	48.24777	2.934663
#2	.0855928	-.003310	28.96401	-.035108	.0049936	47.74951	2.905434
#3	.0804144	-.003367	29.00731	-.034277	.0056676	48.09381	2.907564

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067360	.0236142	743.9954	.1005299	.1177899	.1811942	168.1103
Stddev	.0001462	.0002885	2.3386	.0003655	.0010875	.0028600	.5944
%RSD	2.170860	1.221889	.3143292	.3635830	.9232429	1.578388	.3535989

#1	.0066971	.0239444	746.4287	.1002519	.1190317	.1794175	168.7851
#2	.0066131	.0234106	741.7647	.1003937	.1173304	.1844933	167.6641
#3	.0068977	.0234876	743.7928	.1009439	.1170075	.1796718	167.8818

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.84237	371.9669	.1144394	-.009133	.9750381	.2382912	1.820087
Stddev	.02884	1.5914	.0004102	.000129	.0742673	.0038364	.027159
%RSD	.2660031	.4278223	.3584077	1.409179	7.616863	1.609963	1.492176

#1	10.86817	373.2588	.1149061	-.009052	1.028262	.2426672	1.813777
#2	10.81123	370.1893	.1141362	-.009281	.890194	.2366996	1.849846
#3	10.84772	372.4525	.1142760	-.009065	1.006658	.2355068	1.796639

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.742862	3.638849	.3013328	.0049348	11.30687	6.987554	.0044021
Stddev	.061091	.036577	.0020105	.0003507	.13012	.048734	.0006011
%RSD	1.288070	1.005193	.6672048	7.106759	1.150782	.6974437	13.65575

#1	4.711461	3.666526	.3020866	.0045396	11.40401	6.969557	.0048130
#2	4.703858	3.652641	.3028574	.0050558	11.35758	6.950377	.0046810
#3	4.813268	3.597381	.2990543	.0052090	11.15904	7.042727	.0037121

Sample Name: J1532-18 Acquired: 2/23/2018 15:19:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA696 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5010699	.0563354	.3003084
Stddev	.0017461	.0006228	.0017856
%RSD	.3484785	1.105538	.5945954

#1	.4990555	.0563540	.3014963
#2	.5020041	.0557036	.2982550
#3	.5021502	.0569488	.3011740

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2828.927	3630.834	68471.99	11477.52	4462.146
Stddev	25.257	13.801	368.58	86.81	25.276
%RSD	.8928028	.3801048	.5382925	.7563882	.5664463

#1	2849.995	3619.287	68893.06	11504.63	4433.473
#2	2800.929	3646.119	68207.81	11547.55	4481.199
#3	2835.858	3627.095	68315.10	11380.39	4471.766

Sample Name: J1532-19 Acquired: 2/23/2018 15:23:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA697 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0865146	.0131884	30.63428	-.048433	.0087119	54.30999	1.219829
Stddev	.0034521	.0012453	.24341	.001584	.0021023	.31607	.005630
%RSD	3.990221	9.442031	.7945555	3.270541	24.13135	.5819727	.4615248

#1	.0877994	.0136312	30.91518	-.050187	.0110311	54.59710	1.225654
#2	.0826043	.0117823	30.48549	-.047106	.0081735	54.36155	1.219416
#3	.0891401	.0141517	30.50217	-.048008	.0069312	53.97130	1.214417

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108321	.1616230	726.2293	.0730350	.3328974	1.191786	244.5449
Stddev	.0001477	.0012013	3.6803	.0004515	.0027824	.007340	.8302
%RSD	1.363956	.7432634	.5067692	.6181498	.8358010	.6158800	.3395047

#1	.0109902	.1629931	730.0897	.0726316	.3360386	1.199348	245.4623
#2	.0108086	.1607502	725.8376	.0735227	.3307427	1.191319	244.3275
#3	.0106975	.1611258	722.7604	.0729508	.3319109	1.184691	243.8451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.52017	325.6363	.2501370	-.001153	1.297014	.1840741	7.341132
Stddev	.10466	1.2182	.0024974	.000363	.031578	.0016865	.121532
%RSD	.3946284	.3740983	.9983989	31.51291	2.434695	.9162127	1.655489

#1	26.63457	326.8436	.2530197	-.001287	1.307585	.1841462	7.384964
#2	26.49667	325.6577	.2487624	-.001431	1.321951	.1857234	7.434668
#3	26.42925	324.4075	.2486290	-.000742	1.261507	.1823527	7.203765

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.319782	7.065392	.4381543	.0039039	9.525699	15.59531	.0062570
Stddev	.094889	.098476	.0031852	.0001775	.139023	.02220	.0010255
%RSD	1.501461	1.393783	.7269655	4.547779	1.459450	.1423200	16.38982

#1	6.421426	7.177799	.4403583	.0038132	9.686174	15.62021	.0056393
#2	6.304392	7.024057	.4396023	.0041084	9.449077	15.57760	.0074408
#3	6.233529	6.994319	.4345023	.0037899	9.441845	15.58813	.0056908

Sample Name: J1532-19 Acquired: 2/23/2018 15:23:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA697 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5680743	.0651546	.2539711
Stddev	.0058153	.0001798	.0015310
%RSD	1.023682	.2758853	.6028252

#1	.5731369	.0650406	.2556449
#2	.5693632	.0653618	.2536267
#3	.5617227	.0650614	.2526416

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3053.289	3851.660	73783.49	12136.88	4474.050
Stddev	37.104	22.828	802.72	52.38	33.064
%RSD	1.215212	.5926735	1.087938	.4316044	.7390179

#1	3037.008	3825.311	73405.00	12076.39	4436.004
#2	3027.108	3865.452	73239.98	12166.75	4495.832
#3	3095.750	3864.218	74705.48	12167.49	4490.315

Sample Name: J1532-20 Acquired: 2/23/2018 15:27:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA698 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0491581	.0039857	13.72162	-.025863	.0037088	50.75893	1.278982
Stddev	.0024197	.0010462	.18514	.004298	.0020218	.06379	.001117
%RSD	4.922173	26.25026	1.349286	16.61716	54.51311	.1256630	.0873045

#1	.0515993	.0038577	13.54419	-.025009	.0016217	50.71242	1.280116
#2	.0491146	.0030093	13.70703	-.022057	.0056582	50.83164	1.278946
#3	.0467606	.0050900	13.91362	-.030524	.0038465	50.73272	1.277883

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067588	.0659845	207.1188	.0823852	.1528755	.3803658	142.0072
Stddev	.0001372	.0008744	.7240	.0069486	.0020040	.0011957	.4256
%RSD	2.030303	1.325094	.3495418	8.434285	1.310890	.3143440	.2996972

#1	.0069011	.0651586	207.7488	.0782795	.1510340	.3794293	142.3107
#2	.0067478	.0658944	207.2796	.0904080	.1525827	.3799555	142.1902
#3	.0066273	.0669004	206.3279	.0784680	.1550098	.3817126	141.5207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.31216	82.11949	.1280354	-.004376	.3065509	.1802584	4.208349
Stddev	.04014	.27513	.0009860	.000460	.1110113	.0010813	.212839
%RSD	.3260221	.3350359	.7701340	10.51961	36.21300	.5998532	5.057531

#1	12.34016	82.30495	.1269613	-.004342	.3213213	.1795099	4.068447
#2	12.33014	82.25015	.1282452	-.004852	.4094376	.1797671	4.453288
#3	12.26617	81.80338	.1288996	-.003933	.1888939	.1814980	4.103311

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.901708	9.094654	.2586537	.0040915	5.800541	12.60328	.0056876
Stddev	.052899	.139387	.0019099	.0003568	.075602	.11626	.0018685
%RSD	.7664587	1.532622	.7383891	8.721331	1.303362	.9224713	32.85172

#1	6.869427	9.002501	.2602767	.0040885	5.748385	12.65345	.0036657
#2	6.962757	9.026453	.2565491	.0037361	5.765994	12.68604	.0073505
#3	6.872940	9.255009	.2591352	.0044498	5.887245	12.47036	.0060466

Sample Name: J1532-20 Acquired: 2/23/2018 15:27:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA698 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6609519	.0496798	.1411230
Stddev	.0008761	.0006178	.0002495
%RSD	.1325554	1.243541	.1768036

#1	.6612442	.0499479	.1414081
#2	.6616445	.0489733	.1410165
#3	.6599670	.0501183	.1409443

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3079.702	4004.148	74153.76	12282.32	5066.480
Stddev	146.517	37.793	4028.63	89.94	58.639
%RSD	4.757512	.9438466	5.432803	.7323115	1.157389

#1	3146.237	4039.537	76466.51	12183.96	5121.903
#2	2911.724	4008.568	69501.92	12302.62	5072.455
#3	3181.146	3964.339	76492.84	12360.38	5005.083

Sample Name: J1532-21 Acquired: 2/23/2018 15:31:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA699 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0864827	.0003781	5.577877	-.034910	.0051608	86.79691	1.237138
Stddev	.0051749	.0035470	.021376	.002994	.0017895	.43845	.004522
%RSD	5.983759	938.0793	.3832252	8.577640	34.67381	.5051471	.3655454

#1	.0820234	.0000628	5.591972	-.036580	.0031128	87.23171	1.238453
#2	.0921571	-.003001	5.588377	-.036697	.0059473	86.80413	1.240857
#3	.0852677	.004072	5.553282	-.031453	.0064224	86.35489	1.232104

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097767	.0212975	59.29417	.1376952	.1376190	.2402913	202.8793
Stddev	.0000123	.0000697	.17419	.0008123	.0007579	.0021895	.2331
%RSD	.1252758	.3274451	.2937715	.5899454	.5507025	.9111989	.1148897

#1	.0097903	.0213216	59.42327	.1379563	.1382863	.2393412	203.1437
#2	.0097665	.0213520	59.36319	.1383448	.1377756	.2427954	202.7911
#3	.0097733	.0212189	59.09604	.1367844	.1367951	.2387373	202.7032

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.60072	21.87587	.1425960	-.011546	.4027731	.3320142	1.948696
Stddev	.00938	.03799	.0005722	.000208	.0983550	.0035529	.002398
%RSD	.0884544	.1736593	.4012698	1.798838	24.41945	1.070091	.1230563

#1	10.60689	21.90951	.1429010	-.011592	.5150133	.3359078	1.946298
#2	10.60534	21.83467	.1429511	-.011727	.3316429	.3289480	1.951094
#3	10.58993	21.88341	.1419360	-.011319	.3616630	.3311869	1.948698

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.91435	9.105704	.3593720	.0057516	5.438846	7.594848	.0048313
Stddev	.01874	.068540	.0023541	.0003778	.022357	.067616	.0004358
%RSD	.1451427	.7527190	.6550604	6.568795	.4110685	.8902816	9.020472

#1	12.90990	9.038901	.3585614	.0055832	5.414774	7.643351	.0051353
#2	12.93491	9.102351	.3575302	.0061843	5.442803	7.623581	.0043320
#3	12.89822	9.175859	.3620242	.0054872	5.458960	7.517611	.0050266

Sample Name: J1532-21 Acquired: 2/23/2018 15:31:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA699 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7204582	.0571510	.0933664
Stddev	.0031997	.0009272	.0004009
%RSD	.4441129	1.622409	.4294047

#1	.7241395	.0568297	.0938285
#2	.7188891	.0564271	.0931117
#3	.7183460	.0581961	.0931589

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3284.318	4231.609	78484.13	12321.01	5264.108
Stddev	16.952	15.254	383.17	75.03	21.393
%RSD	.5161483	.3604835	.4882143	.6089746	.4063865

#1	3264.759	4218.318	78042.16	12236.75	5244.265
#2	3293.423	4228.246	78722.86	12345.63	5261.289
#3	3294.771	4248.265	78687.38	12380.63	5286.770

Sample Name: PB106676BL Acquired: 2/23/2018 15:39:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000575	-.000066	.0003775	-.000127	-.000373	-.001886	.0004009
Stddev	.000194	.001848	.0006265	.002717	.000974	.002481	.0001886
%RSD	33.78232	2802.821	165.9864	2146.503	261.0158	131.5219	47.04518

#1	-.000357	-.000937	-.000001	-.003137	-.000112	.000957	.0006133
#2	-.000637	-.001318	.000033	.002141	-.001451	-.003003	.0002533
#3	-.000730	.002056	.001101	.000617	.000443	-.003612	.0003360

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000323	.0000252	-.011353	-.000204	.0001842	.0010287	.0045758
Stddev	.0000215	.0000282	.007401	.000158	.0000850	.0008582	.0026495
%RSD	66.62212	112.1131	65.18661	77.34576	46.16585	83.41971	57.90193

#1	.0000089	-.000007	-.004694	-.000066	.0000862	.0007350	.0045063
#2	.0000369	.000048	-.010044	-.000171	.0002278	.0003560	.0072594
#3	.0000511	.000035	-.019321	-.000376	.0002387	.0019952	.0019618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000272	.0104798	.0001945	-.000794	.0145944	-.002361	-.000801
Stddev	.000118	.0051511	.0002154	.000162	.1083142	.001777	.002213
%RSD	43.30566	49.15247	110.7296	20.38611	742.1606	75.24259	276.4898

#1	-.000150	.0145497	.0003705	-.000716	.0084821	-.003490	.000989
#2	-.000281	.0046885	-.000046	-.000980	.1258353	-.000313	-.003276
#3	-.000385	.0122012	.000259	-.000685	-.090534	-.003281	-.000115

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.181618	.0001891	-.005077	.0001202	.0165214	-.001944	-.000739
Stddev	.032521	.0003594	.000600	.0001813	.0029178	.000709	.000418
%RSD	17.90602	190.0483	11.82338	150.8467	17.66090	36.46030	56.51637

#1	-.217885	-.000059	-.004550	.0000080	.0163186	-.002742	-.001022
#2	-.171918	.000601	-.004952	.0000232	.0137102	-.001705	-.000259
#3	-.155052	.000025	-.005731	.0003294	.0195353	-.001386	-.000937

Sample Name: PB106676BL Acquired: 2/23/2018 15:39:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000012	.0034290	-.000017
Stddev	.001207	.0020613	.000030
%RSD	10488.59	60.11435	175.9766

#1	-.000659	.0040261	.000014
#2	-.000757	.0051259	-.000045
#3	.001382	.0011351	-.000020

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3132.012	4013.802	74185.57	11218.20	5887.891
Stddev	46.465	14.022	1165.54	29.11	6.934
%RSD	1.483549	.3493337	1.571109	.2594944	.1177677

#1	3142.718	4004.798	74344.75	11184.81	5885.191
#2	3172.190	4029.957	75263.33	11231.51	5895.768
#3	3081.129	4006.650	72948.62	11238.27	5882.713

Sample Name: PB106676BS Acquired: 2/23/2018 15:43:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211960	.0526906	.0187412	.0671619	.1134555	.4128268
Stddev	.0021114	.0003364	.0010783	.0020755	.0006505	.0067212
%RSD	9.961096	.6383439	5.753477	3.090318	.5734000	1.628100

#1	.0201709	.0524268	.0175158	.0694943	.1127291	.4059011
#2	.0236241	.0525757	.0195449	.0655185	.1136531	.4193229
#3	.0197928	.0530694	.0191629	.0664729	.1139844	.4132564

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4216048	.0112309	.0103733	10.78654	.0204568	.0993598
Stddev	.0003894	.0000617	.0000638	.01512	.0003603	.0004054
%RSD	.0923597	.5493675	.6151344	.1401549	1.761247	.4080261

#1	.4218032	.0112733	.0103041	10.76908	.0206976	.0989416
#2	.4218550	.0112593	.0103861	10.79496	.0206302	.0997511
#3	.4211561	.0111602	.0104297	10.79557	.0200426	.0993866

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0536258	.2194452	.0315604	9.882184	.0803047	.0204354
Stddev	.0011500	.0023079	.0001355	.079038	.0001572	.0001949
%RSD	2.144540	1.051708	.4294815	.7997993	.1957778	.9537690

#1	.0547497	.2206223	.0314571	9.823106	.0802712	.0203621
#2	.0536764	.2167860	.0315103	9.851479	.0801670	.0206564
#3	.0524513	.2209272	.0317139	9.971966	.0804760	.0202878

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.71778	.1022049	.1223569	10.57697	F .0272659	F .0172126
Stddev	.22718	.0016834	.0060333	.03506	.0005528	.0006614
%RSD	2.119671	1.647107	4.930945	.3315056	2.027395	3.842281

#1	10.97057	.1006125	.1154143	10.61451	.0266286	.0165076
#2	10.65207	.1020358	.1253268	10.54507	.0275535	.0178194
#3	10.53069	.1039665	.1263296	10.57133	.0276155	.0173108

Sample Name: PB106676BS Acquired: 2/23/2018 15:43:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207405	.1941755	.2013734	F .0140647	.2072101	.1119641
Stddev	.0001723	.0024897	.0016859	.0002187	.0008964	.0009224
%RSD	.8306571	1.282177	.8371945	1.555269	.4326028	.8238062

#1	.0208012	.1949348	.2030682	.0142589	.2064024	.1129420
#2	.0205461	.1913945	.2013554	.0141076	.2070534	.1118407
#3	.0208743	.1961971	.1996965	.0138277	.2081745	.1111097

Elem	Sr4077
Units	ppm
Avg	.2098395
Stddev	.0002889
%RSD	.1376536

#1	.2100654
#2	.2099391
#3	.2095140

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3071.180	3948.483	72268.71	11130.02	5678.766
Stddev	22.518	6.580	296.81	42.77	21.327
%RSD	.7331974	.1666554	.4106971	.3842523	.3755546

#1	3097.075	3941.087	72538.61	11111.03	5654.515
#2	3056.199	3950.671	71950.84	11100.04	5687.182
#3	3060.267	3953.690	72316.68	11178.99	5694.600

Sample Name: J1610-01 Acquired: 2/23/2018 15:47:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0694606	-.000368	.5427739	-.024610	.0053658	89.31730	5.875370
Stddev	.0018293	.001235	.0028123	.002405	.0010830	.44423	.007384
%RSD	2.633572	335.8841	.5181257	9.771104	20.18408	.4973626	.1256769

#1	.0682980	-.001283	.5403947	-.023966	.0065213	88.80524	5.883628
#2	.0715692	-.000857	.5420497	-.027271	.0043738	89.59967	5.873078
#3	.0685147	.001037	.5458775	-.022593	.0052023	89.54697	5.869403

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076916	.0016423	21.87157	.1067849	.1117019	.0896671	162.9786
Stddev	.0001059	.0000484	.05166	.0005427	.0001115	.0029457	.7134
%RSD	1.376805	2.945296	.2361906	.5082201	.0997919	3.285090	.4377554

#1	.0076386	.0016060	21.92518	.1066138	.1117901	.0930617	163.7333
#2	.0076227	.0016237	21.86742	.1063483	.1115766	.0877845	162.8872
#3	.0078136	.0016972	21.82212	.1073925	.1117390	.0881552	162.3152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.952780	16.15018	.1084970	-.010002	.4814679	.2555401	.8223030
Stddev	.018397	.09163	.0008020	.000097	.1130436	.0015809	.0058527
%RSD	.2646030	.5673739	.7392218	.9731465	23.47895	.6186482	.7117446

#1	6.970692	16.15378	.1088649	-.010095	.4242235	.2539231	.8176910
#2	6.953715	16.23996	.1075770	-.009901	.4084970	.2570822	.8288870
#3	6.933933	16.05680	.1090490	-.010009	.6116832	.2556151	.8203310

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.332543	2.170476	.2805539	.0070260	2.484712	4.006817	.0051000
Stddev	.023659	.015500	.0027362	.0001099	.015858	.028364	.0007949
%RSD	.4436707	.7141406	.9752868	1.564585	.6382070	.7078866	15.58660

#1	5.310731	2.166517	.2835057	.0070088	2.473635	4.037411	.0042045
#2	5.329204	2.157339	.2781023	.0071435	2.477623	3.981395	.0057222
#3	5.357694	2.187572	.2800537	.0069257	2.502877	4.001647	.0053733

Sample Name: J1610-01 Acquired: 2/23/2018 15:47:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7830428	.0749163	.1942375
Stddev	.0045554	.0011507	.0002016
%RSD	.5817526	1.536024	.1037961

#1	.7791194	.0743456	.1940065
#2	.7880388	.0741624	.1943282
#3	.7819703	.0762408	.1943779

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3379.741	4266.096	80070.71	12433.64	5575.169
Stddev	8.869	11.916	191.73	29.22	24.674
%RSD	.2624070	.2793075	.2394481	.2350374	.4425685

#1	3385.171	4266.145	80246.96	12431.56	5581.741
#2	3384.545	4277.987	80098.61	12405.52	5595.892
#3	3369.507	4254.156	79866.56	12463.85	5547.875

Sample Name: J1610-02 Acquired: 2/23/2018 15:51:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1068322	-.011973	3.473666	-.047815	.0112298	34.64585
Stddev	.0000710	.003159	.038527	.001415	.0010399	.26358
%RSD	.0664843	26.38070	1.109117	2.958917	9.260493	.7607818

#1	.1067811	-.008833	3.442092	-.046356	.0123970	34.92805
#2	.1068022	-.015150	3.462311	-.047907	.0104019	34.60347
#3	.1069133	-.011937	3.516594	-.049181	.0108905	34.40603

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.10587	.0076466	.0111527	202.6455	.2123457	.0875589
Stddev	.22194	.0000095	.0002658	.8870	.0005339	.0007041
%RSD	.5271096	.1244432	2.383284	.4377037	.2514141	.8040927

#1	42.32819	.0076430	.0109566	202.8230	.2128864	.0869599
#2	42.10512	.0076574	.0110463	203.4303	.2118189	.0873824
#3	41.88431	.0076394	.0114552	201.6832	.2123316	.0883344

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2804793	243.9462	5.349184	94.60541	.1051943	-.015411
Stddev	.0017958	1.1317	.029410	.57953	.0014699	.000234
%RSD	.6402531	.4639224	.5497988	.6125788	1.397271	1.516844

#1	.2825146	243.4793	5.341444	94.45233	.1041579	-.015287
#2	.2791181	245.2367	5.381690	95.24612	.1045486	-.015680
#3	.2798053	243.1227	5.324418	94.11779	.1068765	-.015265

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.638828	.3308971	5.036413	3.011721	6.184041	.4396988
Stddev	.140505	.0050738	.025659	.018283	.125341	.0048830
%RSD	8.573489	1.533347	.5094770	.6070698	2.026845	1.110532

#1	1.688322	.3349432	5.013762	3.020535	6.077604	.4366380
#2	1.747888	.3325436	5.064279	2.990700	6.152326	.4453301
#3	1.480274	.3252046	5.031197	3.023928	6.322194	.4371283

Sample Name: J1610-02 Acquired: 2/23/2018 15:51:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110282	13.99894	11.10282	.0018584	.8410333	.0274489
Stddev	.0003657	.22855	.04570	.0012770	.0064810	.0007400
%RSD	3.315645	1.632642	.4115844	68.71314	.7705983	2.695767

#1	.0107483	13.79317	11.12337	.0029854	.8477450	.0278030
#2	.0108943	13.95870	11.13464	.0021184	.8405443	.0279453
#3	.0114419	14.24493	11.05046	.0004714	.8348107	.0265984

Elem	Sr4077
Units	ppm
Avg	.5443987
Stddev	.0025819
%RSD	.4742685

#1	.5470998
#2	.5441410
#3	.5419553

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3125.028	3930.945	74910.47	11870.34	5132.101
Stddev	19.519	26.036	243.19	59.71	44.640
%RSD	.6246121	.6623462	.3246417	.5030139	.8698264

#1	3146.672	3949.706	75180.00	11821.91	5170.662
#2	3108.760	3941.908	74707.48	11852.06	5142.445
#3	3119.653	3901.220	74843.92	11937.05	5083.197

Sample Name: J1533-10A Acquired: 2/23/2018 15:55:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6A9A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0804265	.0058821	.9411220	-.029562	.0035262	66.57043	2.039924
Stddev	.0033333	.0019276	.0089377	.001135	.0014824	.40224	.007508
%RSD	4.144583	32.76978	.9496811	3.838753	42.04004	.6042281	.3680323

#1	.0842736	.0036839	.9443120	-.028407	.0045135	66.84669	2.045935
#2	.0783974	.0066790	.9310270	-.029604	.0018216	66.75565	2.042328
#3	.0786086	.0072835	.9480269	-.030676	.0042436	66.10895	2.031509

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085540	.0025899	41.77547	.1110739	.1407354	.1708457	179.4981
Stddev	.0001608	.0001324	.19185	.0006606	.0010360	.0007876	.2995
%RSD	1.879968	5.113641	.4592376	.5947635	.7361193	.4610316	.1668410

#1	.0086944	.0027191	41.85642	.1103249	.1403199	.1709160	179.1956
#2	.0085890	.0024544	41.91357	.1115736	.1399718	.1715959	179.7944
#3	.0083785	.0025963	41.55641	.1113231	.1419147	.1700253	179.5043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.49355	18.18107	.1388844	-.011425	.5289750	.2652977	2.797060
Stddev	.01244	.11381	.0012893	.000247	.0356704	.0017020	.032890
%RSD	.0858450	.6260073	.9282918	2.158951	6.743311	.6415437	1.175868

#1	14.50072	18.25941	.1390090	-.011470	.5548939	.2651871	2.772770
#2	14.50075	18.23328	.1375374	-.011645	.5437380	.2670523	2.834488
#3	14.47918	18.05052	.1401068	-.011158	.4882930	.2636537	2.783923

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.723727	3.605272	.3178584	.0060776	2.883621	30.43509	.0074980
Stddev	.035624	.030835	.0040562	.0002205	.031211	.43569	.0004024
%RSD	.5298301	.8552645	1.276091	3.628319	1.082347	1.431533	5.366353

#1	6.745083	3.610773	.3135389	.0059970	2.880856	30.86191	.0072973
#2	6.743497	3.572057	.3184500	.0059086	2.853885	30.45230	.0079612
#3	6.682602	3.632986	.3215863	.0063270	2.916122	29.99104	.0072354

Sample Name: J1533-10A Acquired: 2/23/2018 15:55:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6A9A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9177557	.0474932	.0777256
Stddev	.0009992	.0006845	.0002303
%RSD	.1088769	1.441341	.2962460

#1	.9188188	.0469939	.0778910
#2	.9176124	.0482735	.0778233
#3	.9168358	.0472121	.0774627

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3426.858	4369.239	81776.66	12976.02	5501.672
Stddev	17.645	32.722	281.17	94.98	44.785
%RSD	.5148943	.7489196	.3438226	.7319483	.8140198

#1	3425.310	4371.767	81839.18	12905.80	5498.781
#2	3410.038	4400.624	81469.50	12938.17	5547.833
#3	3445.225	4335.326	82021.31	13084.09	5458.403

Sample Name: J1610-03 Acquired: 2/23/2018 15:59:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2036227	-.004458	8.738989	-.057379	.0154976	125.2376	18.16052
Stddev	.0012844	.002483	.035574	.001628	.0020559	.4030	.30020
%RSD	.6307811	55.68560	.4070669	2.838128	13.26570	.3218055	1.653037

#1	.2034297	-.001859	8.725968	-.058283	.0172930	125.5326	18.50619
#2	.2049927	-.006805	8.711761	-.058355	.0159448	125.4019	18.01021
#3	.2024457	-.004710	8.779239	-.055499	.0132549	124.7784	17.96517

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147621	.0033654	50.31392	.1718926	.2655836	.3358056	338.8197
Stddev	.0000612	.0001582	.16375	.0009637	.0002115	.0020137	1.3147
%RSD	.4145594	4.701984	.3254652	.5606671	.0796471	.5996495	.3880225

#1	.0147209	.0032023	50.43975	.1726254	.2658264	.3356971	340.2899
#2	.0148324	.0033757	50.37322	.1722515	.2654393	.3338484	338.4123
#3	.0147330	.0035183	50.12877	.1708009	.2654850	.3378713	337.7570

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.64220	24.56323	.2632442	-.020905	.8805337	.5670043	6.342104
Stddev	.05125	.15128	.0010477	.000540	.0789456	.0039715	.013567
%RSD	.3756619	.6158952	.3979987	2.583368	8.965654	.7004292	.2139229

#1	13.69376	24.73755	.2635385	-.020289	.8609978	.5640918	6.328386
#2	13.64158	24.48586	.2620808	-.021133	.8131902	.5715282	6.342412
#3	13.59127	24.46627	.2641134	-.021294	.9674131	.5653928	6.355515

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.95098	8.839601	.5774772	.0090391	7.484475	6.395128	.0074298
Stddev	.13778	.027582	.0024782	.0003301	.021376	.030245	.0008639
%RSD	1.152857	.3120254	.4291496	3.652336	.2856025	.4729385	11.62787

#1	12.01680	8.855354	.5746162	.0090811	7.484480	6.425735	.0065655
#2	12.04350	8.807753	.5788540	.0086899	7.463096	6.394392	.0082933
#3	11.79263	8.855697	.5789613	.0093462	7.505848	6.365258	.0074306

Sample Name: J1610-03 Acquired: 2/23/2018 15:59:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6K3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.087556	.0810461	.1469762
Stddev	.000283	.0010167	.0005742
%RSD	.0259817	1.254480	.3907019

#1	1.087679	.0799388	.1474512
#2	1.087756	.0819376	.1471393
#3	1.087232	.0812619	.1463380

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3456.496	4425.520	82778.15	12991.05	5399.326
Stddev	18.508	8.601	193.22	62.49	11.863
%RSD	.5354610	.1943427	.2334243	.4810343	.2197107

#1	3471.353	4429.979	82935.86	12923.44	5401.028
#2	3462.373	4430.976	82562.61	13003.04	5410.247
#3	3435.763	4415.606	82835.97	13046.68	5386.705

Sample Name: J1610-04 Acquired: 2/23/2018 16:03:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0862688	-.013164	6.222851	-.029125	.0139306	16.89381
Stddev	.0037887	.005699	.035268	.001995	.0016055	.02552
%RSD	4.391697	43.28868	.5667518	6.848810	11.52478	.1510780

#1	.0893120	-.006877	6.191410	-.029481	.0121065	16.90464
#2	.0874689	-.014627	6.216155	-.030918	.0145563	16.86466
#3	.0820254	-.017988	6.260987	-.026976	.0151291	16.91213

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 37.76908	.0030660	.0927712	F 1991.547	.0254320	.0408846
Stddev	.36413	.0000752	.0006122	7.635	.0009589	.0005057
%RSD	.9640899	2.451343	.6598544	.3833606	3.770621	1.236934

#1	37.36474	.0029827	.0923036	1991.233	.0243504	.0408367
#2	38.07111	.0030864	.0925459	1984.074	.0257676	.0404045
#3	37.87139	.0031288	.0934641	1999.334	.0261781	.0414125

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2597204	134.5397	3.857498	F 1106.682	.0908556	-.009582
Stddev	.0034206	.2667	.002010	1.362	.0007032	.000520
%RSD	1.317028	.1982047	.0521049	.1230897	.7740143	5.424140

#1	.2620000	134.6533	3.855444	1105.829	.0902666	-.009445
#2	.2557872	134.7307	3.857587	1108.253	.0906660	-.009144
#3	.2613739	134.2350	3.859461	1105.964	.0916342	-.010157

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.766510	.1523478	16.18731	.2552013	2.515243	.2725641
Stddev	.051748	.0029062	.03836	.0945203	.080151	.0031730
%RSD	1.373886	1.907622	.2369803	37.03753	3.186604	1.164125

#1	3.784246	.1553231	16.14744	.3637714	2.428850	.2749283
#2	3.708226	.1522044	16.22396	.2105854	2.529691	.2738060
#3	3.807057	.1495160	16.19052	.1912473	2.587186	.2689580

Sample Name: J1610-04 Acquired: 2/23/2018 16:03:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0240617	34.70605	6.884951	-.001686	.2324634	.0550508
Stddev	.0003183	.86350	.011184	.001215	.0028702	.0006997
%RSD	1.322812	2.488033	.1624472	72.04510	1.234684	1.270938

#1	.0240203	33.82598	6.872241	-.000799	.2312329	.0549657
#2	.0237662	34.74022	6.889322	-.003070	.2357436	.0543975
#3	.0243987	35.55196	6.893290	-.001189	.2304136	.0557891

Elem	Sr4077
Units	ppm
Avg	1.072096
Stddev	.000420
%RSD	.0391863

#1	1.071913
#2	1.071798
#3	1.072577

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2377.374	2988.118	58121.84	10358.47	3769.058
Stddev	15.971	12.692	277.48	18.53	20.629
%RSD	.6718032	.4247629	.4774177	.1788726	.5473324

#1	2374.079	2996.166	58366.83	10370.81	3786.439
#2	2363.307	2994.702	57820.51	10367.42	3774.474
#3	2394.736	2973.487	58178.17	10337.16	3746.261

Sample Name: J1610-05 Acquired: 2/23/2018 16:07:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1394612	.0064723	2.854132	-.029663	.0095447	80.36373	18.59787
Stddev	.0055818	.0019529	.006194	.001005	.0023456	2.00484	.38759
%RSD	4.002414	30.17343	.2170273	3.388094	24.57444	2.494706	2.084033

#1	.1332817	.0058806	2.855830	-.030100	.0106282	79.25879	18.33985
#2	.1441375	.0048836	2.847266	-.028514	.0111526	79.15447	18.41019
#3	.1409644	.0086526	2.859300	-.030376	.0068533	82.67794	19.04357

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102631	.0075536	76.87690	.1591440	.1861750	.2869377	202.8869
Stddev	.0003400	.0003308	2.39910	.0050563	.0005574	.0094683	6.3674
%RSD	3.312585	4.379311	3.120705	3.177177	.2993778	3.299778	3.138403

#1	.0099975	.0075970	75.41899	.1644722	.1861870	.2808217	198.8378
#2	.0101456	.0078606	75.56586	.1585472	.1856117	.2821474	199.5966
#3	.0106463	.0072033	79.64584	.1544126	.1867262	.2978439	210.2263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.02682	35.66409	.1593145	-.012448	.5821637	.3523918	3.680246
Stddev	.52194	1.13416	.0004651	.000730	.0691951	.0093421	.074847
%RSD	3.256657	3.180122	.2919585	5.863343	11.88586	2.651043	2.033740

#1	15.69104	34.94655	.1598512	-.013149	.5028652	.3459511	3.727815
#2	15.76128	35.07408	.1590280	-.012505	.6133411	.3481179	3.718951
#3	16.62814	36.97163	.1590643	-.011692	.6302849	.3631063	3.593972

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.93440	7.762695	.3537920	.0092425	7.073156	4.440958	.0083276
Stddev	.43477	.062869	.0119089	.0001356	.057352	.118075	.0002375
%RSD	3.976172	.8098888	3.366084	1.467160	.8108381	2.658772	2.851699

#1	10.69612	7.708750	.3428924	.0093828	7.056164	4.390066	.0085051
#2	10.67086	7.831739	.3519809	.0092325	7.137085	4.356864	.0080578
#3	11.43622	7.747595	.3665028	.0091121	7.026221	4.575945	.0084199

Sample Name: J1610-05 Acquired: 2/23/2018 16:07:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.010265	.0565723	.2016448
Stddev	.029991	.0008205	.0054291
%RSD	2.968658	1.450277	2.692426

#1	.988576	.0556593	.1982346
#2	.997728	.0568097	.1987942
#3	1.044490	.0572479	.2079054

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3319.937	4324.228	79712.69	12638.44	5367.361
Stddev	65.691	9.055	1533.90	309.67	12.847
%RSD	1.978692	.2094097	1.924288	2.450198	.2393565

#1	3266.329	4315.735	78386.32	12805.87	5358.945
#2	3300.265	4333.757	79359.32	12828.35	5382.149
#3	3393.217	4323.193	81392.44	12281.11	5360.990

Sample Name: J1610-06 Acquired: 2/23/2018 16:12:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1396972	.0078127	2.880444	-.030124	.0073638	79.23582	18.33929
Stddev	.0022106	.0005783	.009568	.003705	.0007678	.40123	.14115
%RSD	1.582431	7.402281	.3321865	12.29970	10.42639	.5063703	.7696441

#1	.1401356	.0084013	2.869632	-.027350	.0065982	79.69690	18.22841
#2	.1416558	.0072452	2.883879	-.028689	.0081337	78.96603	18.49818
#3	.1373002	.0077916	2.887819	-.034332	.0073595	79.04454	18.29129

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100909	.0076399	76.46759	.1550947	.1881233	.2834661	202.0690
Stddev	.0002043	.0000939	.20956	.0005962	.0007351	.0012428	.7546
%RSD	2.024558	1.229242	.2740562	.3843869	.3907741	.4384181	.3734190

#1	.0103200	.0075415	76.70694	.1557677	.1875234	.2843350	202.9400
#2	.0100250	.0077286	76.37873	.1546329	.1879031	.2820426	201.6535
#3	.0099277	.0076497	76.31710	.1548835	.1889434	.2840207	201.6136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.94070	35.66586	.1607611	-.012319	.5132245	.3457949	3.570880
Stddev	.05079	.15226	.0011738	.000619	.2110453	.0061812	.017909
%RSD	.3186462	.4268951	.7301510	5.026977	41.12144	1.787532	.5015289

#1	15.99773	35.84089	.1605020	-.012433	.2983647	.3504667	3.566274
#2	15.90035	35.59266	.1597385	-.011650	.7202365	.3481321	3.555725
#3	15.92400	35.56403	.1620428	-.012872	.5210724	.3387859	3.590642

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.81270	7.887847	.3544666	.0090857	7.200968	4.427687	.0081068
Stddev	.04871	.073183	.0028616	.0000484	.062334	.035741	.0005469
%RSD	.4505222	.9277965	.8072937	.5324718	.8656340	.8072084	6.745770

#1	10.86732	7.811297	.3553039	.0090538	7.129104	4.449497	.0075734
#2	10.77374	7.957119	.3512797	.0091413	7.240395	4.386440	.0080807
#3	10.79705	7.895126	.3568161	.0090619	7.233405	4.447125	.0086662

Sample Name: J1610-06 Acquired: 2/23/2018 16:12:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6K5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9948846	.0555170	.1987160
Stddev	.0062501	.0019032	.0010042
%RSD	.6282241	3.428089	.5053611

#1	1.002036	.0538106	.1998639
#2	.990470	.0551708	.1982839
#3	.992147	.0575695	.1980001

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3380.164	4312.907	80930.05	12706.78	5324.885
Stddev	25.409	3.284	591.68	68.70	4.641
%RSD	.7517145	.0761439	.7311024	.5406676	.0871575

#1	3375.599	4313.547	80928.46	12640.69	5326.912
#2	3407.546	4315.825	81522.53	12777.82	5328.168
#3	3357.346	4309.351	80339.17	12701.83	5319.575

Sample Name: J1610-07 Acquired: 2/23/2018 16:16:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2104170	.1060669	2.859670	.0606276	.1907859	82.72601
Stddev	.0050444	.0034666	.027252	.0053566	.0016202	.35752
%RSD	2.397350	3.268320	.9529852	8.835219	.8492366	.4321699

#1	.2078659	.1020803	2.874724	.0668021	.1909708	82.65005
#2	.2162274	.1077477	2.876075	.0578562	.1923057	82.41257
#3	.2071577	.1083726	2.828212	.0572245	.1890811	83.11540

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.46916	.1086351	.1135473	74.57306	.5197925	1.264481
Stddev	.12828	.0003047	.0009336	.27973	.0005700	.010828
%RSD	.5242539	.2804775	.8222583	.3751050	.1096623	.8562907

#1	24.49284	.1089182	.1140270	74.58552	.5193785	1.270381
#2	24.58395	.1086745	.1141435	74.28730	.5204426	1.271078
#3	24.33069	.1083126	.1124713	74.84634	.5195563	1.251985

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7554320	201.6409	16.58123	34.92810	1.223237	.0818692
Stddev	.0034107	.7616	.04456	.21049	.008411	.0006695
%RSD	.4514874	.3777227	.2687540	.6026347	.6875902	.8177874

#1	.7515012	201.3305	16.55223	34.78758	1.227849	.0816447
#2	.7576078	201.0834	16.55891	34.82662	1.228333	.0813408
#3	.7571871	202.5087	16.63254	35.17011	1.213529	.0826221

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7080400	1.299111	4.453949	10.47486	7.596318	.3508576
Stddev	.0743489	.006184	.056695	.07571	.029196	.0026210
%RSD	10.50067	.4759965	1.272926	.7227834	.3843487	.7470311

#1	.7537719	1.296296	4.471652	10.40447	7.607231	.3509957
#2	.7480963	1.294836	4.390515	10.46515	7.618485	.3481703
#3	.6222519	1.306201	4.499681	10.55496	7.563237	.3534068

Sample Name: J1610-07 Acquired: 2/23/2018 16:16:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090491	7.391256	10.79453	.0082556	1.165148	.0570926
Stddev	.0001685	.055904	.01894	.0010583	.005906	.0006085
%RSD	1.862236	.7563577	.1754130	12.81946	.5068812	1.065827

#1	.0092165	7.414777	10.79438	.0088430	1.158401	.0568365
#2	.0088795	7.431558	10.77567	.0088898	1.167660	.0566540
#3	.0090512	7.327435	10.81354	.0070338	1.169382	.0577873

Elem	Sr4077
Units	ppm
Avg	.2112244
Stddev	.0004908
%RSD	.2323533

#1	.2109465
#2	.2109357
#3	.2117911

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3419.737	4342.764	82032.38	12870.68	5379.882
Stddev	20.441	28.430	393.85	48.81	39.668
%RSD	.5977256	.6546589	.4801132	.3792297	.7373388

#1	3408.280	4332.195	81990.90	12925.62	5360.819
#2	3443.336	4321.131	82445.33	12832.35	5353.345
#3	3407.593	4374.965	81660.92	12854.05	5425.483

Sample Name: J1610-05LX5 Acquired: 2/23/2018 16:20:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0336501	.0010420	.5989922	-.009777	.0008700	17.54105	4.384579
Stddev	.0037848	.0005501	.0104716	.001599	.0004945	.34648	.071660
%RSD	11.24751	52.79380	1.748197	16.35188	56.84447	1.975262	1.634375

#1	.0303797	.0014620	.5962183	-.009404	.0007468	17.22483	4.330891
#2	.0327748	.0012445	.5901868	-.011529	.0014145	17.48690	4.356895
#3	.0377959	.0004193	.6105714	-.008398	.0004486	17.91142	4.465952

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023331	.0013773	17.10106	.0352703	.0382865	.0655388	46.00440
Stddev	.0000465	.0000465	.28260	.0003226	.0007031	.0011503	.70622
%RSD	1.994925	3.376941	1.652512	.9145283	1.836446	1.755061	1.535112

#1	.0022913	.0013236	16.87638	.0349209	.0379954	.0659564	45.45562
#2	.0023833	.0014057	17.00847	.0355567	.0377758	.0642380	45.75641
#3	.0023247	.0014025	17.41834	.0353332	.0390884	.0664218	46.80116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.633199	7.988590	.0328502	-.003252	.1669665	.0729909	.7726800
Stddev	.040575	.060722	.0006334	.000172	.0914646	.0022716	.0068259
%RSD	1.116792	.7601064	1.928254	5.304373	54.78021	3.112152	.8834094

#1	3.600690	7.935460	.0328401	-.003164	.0784554	.0716630	.7766385
#2	3.620234	7.975533	.0322218	-.003140	.2611230	.0756139	.7766034
#3	3.678672	8.054779	.0334886	-.003450	.1613210	.0716960	.7647981

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.230974	1.575881	.0758230	.0018375	1.487504	1.812716	.0008311
Stddev	.117496	.026107	.0016288	.0002519	.021989	.031658	.0004612
%RSD	5.266599	1.656656	2.148154	13.70600	1.478226	1.746435	55.49825

#1	2.133702	1.582478	.0750360	.0015558	1.492435	1.793506	.0013610
#2	2.197703	1.547108	.0747372	.0019159	1.463469	1.795388	.0005204
#3	2.361519	1.598056	.0776959	.0020409	1.506609	1.849256	.0006118

Sample Name: J1610-05LX5 Acquired: 2/23/2018 16:20:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2458477	.0156312	.0461258
Stddev	.0023356	.0005534	.0007348
%RSD	.9500161	3.540222	1.593047

#1	.2440520	.0154557	.0455602
#2	.2450029	.0151869	.0458607
#3	.2484881	.0162510	.0469563

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3169.962	4063.254	75340.81	11527.05	5645.470
Stddev	12.333	31.736	524.16	154.36	54.069
%RSD	.3890724	.7810432	.6957239	1.339075	.9577389

#1	3160.643	4080.159	74975.59	11674.08	5675.649
#2	3165.296	4082.959	75105.44	11540.78	5677.713
#3	3183.948	4026.645	75941.40	11366.29	5583.048

Sample Name: J1610-08 Acquired: 2/23/2018 16:24:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1613625	-.009512	12.05806	-.055393	.0121890	90.44096
Stddev	.0009379	.000141	.08796	.001454	.0020911	.15859
%RSD	.5812641	1.477730	.7294922	2.625621	17.15527	.1753519

#1	.1602921	-.009672	12.14159	-.054920	.0109614	90.61850
#2	.1617547	-.009455	11.96625	-.054234	.0146035	90.31334
#3	.1620407	-.009408	12.06632	-.057025	.0110022	90.39103

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.38102	.0118287	.0396048	333.4514	.1938603	.1645432
Stddev	.29238	.0002250	.0004341	1.3403	.0010499	.0010865
%RSD	.6898957	1.902161	1.095989	.4019409	.5415873	.6603245

#1	42.04372	.0116204	.0398987	334.3793	.1945138	.1656863
#2	42.53692	.0117983	.0391062	334.0602	.1944178	.1635239
#3	42.56241	.0120673	.0398095	331.9148	.1926492	.1644194

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5942195	300.6388	11.73246	156.6902	.2081543	-.016458
Stddev	.0042782	1.8295	.06074	.6455	.0016064	.000310
%RSD	.7199734	.6085428	.5176980	.4119345	.7717309	1.883646

#1	.5990500	301.6154	11.77942	157.0839	.2097373	-.016645
#2	.5927005	301.7728	11.75410	157.0413	.2065255	-.016627
#3	.5909081	298.5282	11.66387	155.9453	.2082000	-.016100

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.378466	.3950415	9.960060	12.73478	8.798604	.5332072
Stddev	.176367	.0016171	.101986	.01986	.129143	.0087908
%RSD	12.79442	.4093355	1.023953	.1559336	1.467761	1.648663

#1	1.355023	.3946379	10.07379	12.75736	8.880155	.5370969
#2	1.214994	.3936645	9.92965	12.72003	8.649709	.5393821
#3	1.565382	.3968221	9.87674	12.72695	8.865949	.5231426

Sample Name: J1610-08 Acquired: 2/23/2018 16:24:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153603	18.04238	17.03011	.3627282	.8213805	.0702803
Stddev	.0003606	.18118	.22059	.0018952	.0046370	.0006241
%RSD	2.347389	1.004195	1.295310	.5224963	.5645345	.8880342

#1	.0156052	18.17874	16.90207	.3643373	.8194763	.0708307
#2	.0155295	17.83679	16.90344	.3606391	.8179987	.0704079
#3	.0149463	18.11160	17.28483	.3632082	.8266664	.0696022

Elem	Sr4077
Units	ppm
Avg	.5097451
Stddev	.0016718
%RSD	.3279771

#1	.5112323
#2	.5100674
#3	.5079355

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3159.408	4012.633	76247.49	12269.59	4734.856
Stddev	17.075	18.247	423.60	69.30	33.262
%RSD	.5404344	.4547481	.5555609	.5648028	.7025004

#1	3140.101	3992.444	75926.59	12306.12	4700.980
#2	3172.522	4027.949	76088.25	12312.98	4767.468
#3	3165.601	4017.505	76727.64	12189.67	4736.121

Sample Name: J1610-09 Acquired: 2/23/2018 16:28:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6K7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8294431	-.019021	.3960366	.1548167	.5179077	17.26891	.0595907
Stddev	.0116177	.001211	.0058497	.0045097	.0094166	.05114	.0005824
%RSD	1.400666	6.369068	1.477070	2.912927	1.818194	.2961352	.9773983

#1	.8420339	-.020373	.4023614	.1599187	.5262127	17.32776	.0602440
#2	.8271571	-.018652	.3949279	.1531684	.5198333	17.23521	.0591259
#3	.8191384	-.018036	.3908206	.1513631	.5076772	17.24376	.0594021

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2706659	.1842068	8.878793	.0274974	.3413090	.2832462	39.33157
Stddev	.0022098	.0033305	.045985	.0016276	.0068763	.0021896	.19218
%RSD	.8164314	1.808018	.5179151	5.919101	2.014700	.7730249	.4886137

#1	.2701790	.1874647	8.929989	.0259005	.3483044	.2857509	39.52836
#2	.2730785	.1843477	8.840997	.0274378	.3410642	.2822922	39.32201
#3	.2687402	.1808081	8.865393	.0291540	.3345583	.2816954	39.14435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3834351	63.85409	.3699645	.0899078	46.31873	1.340689	.0470267
Stddev	.0010963	.30641	.0072261	.0036973	.24036	.003020	.0006971
%RSD	.2859150	.4798611	1.953184	4.112293	.5189346	.2252712	1.482290

#1	.3846420	64.20316	.3767669	.0856908	46.54225	1.342335	.0477158
#2	.3825008	63.62956	.3707478	.0914400	46.34948	1.337203	.0470426
#3	.3831626	63.72954	.3623786	.0925928	46.06448	1.342529	.0463219

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8970444	.1208970	.1257872	.0031778	.7812814	2.593711	.0022904
Stddev	.0583992	.0055010	.0005448	.0001662	.0141171	.021855	.0009904
%RSD	6.510181	4.550173	.4331417	5.229588	1.806911	.8426018	43.23846

#1	.8810108	.1186836	.1264163	.0033397	.7970603	2.590097	.0033500
#2	.9617857	.1271600	.1254783	.0030076	.7769361	2.617148	.0021333
#3	.8483368	.1168475	.1254670	.0031861	.7698477	2.573889	.0013881

Sample Name: J1610-09 Acquired: 2/23/2018 16:28:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6K7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6210126	.0113036	.0218018
Stddev	.0053048	.0007986	.0002127
%RSD	.8542153	7.064705	.9756809

#1	.6263482	.0109069	.0220459
#2	.6209503	.0107811	.0217027
#3	.6157392	.0122228	.0216567

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3014.347	3895.598	71694.87	11521.22	5296.177
Stddev	92.366	66.787	2444.50	134.99	95.403
%RSD	3.064227	1.714426	3.409590	1.171692	1.801363

#1	3115.703	3827.584	74411.44	11461.71	5198.384
#2	2992.423	3898.123	71000.50	11426.20	5301.152
#3	2934.915	3961.087	69672.68	11675.74	5388.996

Sample Name: CCV013 Acquired: 2/23/2018 16:51:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.848840	4.939900	23.91144	4.855238	4.895274	369.0166
Stddev	.014437	.015172	.01501	.013676	.012498	.5020
%RSD	.2977416	.3071235	.0627558	.2816786	.2553030	.1360324

#1	4.864027	4.952053	23.92323	4.861476	4.909670	369.5255
#2	4.847201	4.922896	23.89455	4.839555	4.888946	368.5218
#3	4.835293	4.944751	23.91655	4.864683	4.887206	369.0024

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.17491	.5117907	2.428909	380.2163	14.44021	2.483739
Stddev	.04358	.0019807	.004425	1.4672	.02416	.005070
%RSD	.4282717	.3870229	.1821750	.3858931	.1672971	.2041438

#1	10.19891	.5140649	2.434018	381.0270	14.46157	2.489566
#2	10.20121	.5108642	2.426306	381.0994	14.41399	2.480327
#3	10.12461	.5104429	2.426402	378.5227	14.44506	2.481325

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.72940	367.7140	14.22342	373.2277	2.385256	1.251007
Stddev	.04432	1.6686	.05751	1.5454	.003055	.005935
%RSD	.3009074	.4537654	.4043222	.4140646	.1280672	.4744549

#1	14.77482	368.4262	14.25506	374.1558	2.387586	1.257691
#2	14.72710	368.9082	14.25815	374.0836	2.386384	1.246352
#3	14.68627	365.8075	14.15704	371.4437	2.381798	1.248979

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.3613	2.368402	14.50089	159.7602	F 4.415383	F 5.517297
Stddev	1.7082	.002415	.11233	.4121	.008404	.014613
%RSD	.4266741	.1019563	.7746598	.2579525	.1903431	.2648588

#1	401.0244	2.371175	14.56366	160.1470	4.411070	5.532786
#2	401.6385	2.366764	14.56782	159.3268	4.410010	5.503755
#3	398.4209	2.367266	14.37121	159.8069	4.425068	5.515350

Sample Name: CCV013 Acquired: 2/23/2018 16:51:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV013 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.788965	5.129129	5.092813	4.777477	4.964748	5.411243
Stddev	.006877	.014196	.013125	.013073	.005358	.010063
%RSD	.1435912	.2767709	.2577073	.2736289	.1079115	.1859553

#1	4.796057	5.143118	5.104045	4.787484	4.970304	5.420044
#2	4.788513	5.129534	5.078386	4.782259	4.959614	5.413411
#3	4.782326	5.114735	5.096008	4.762686	4.964325	5.400273

Elem	Sr4077
Units	ppm
Avg	5.015902
Stddev	.027877
%RSD	.5557649

#1	5.031735
#2	4.983714
#3	5.032256

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2531.491	3220.631	62283.96	10417.43	4201.769
Stddev	14.568	8.371	307.22	35.10	10.565
%RSD	.5754679	.2599180	.4932563	.3369452	.2514324

#1	2515.182	3211.850	61932.06	10412.80	4189.601
#2	2536.078	3221.522	62498.75	10454.62	4207.105
#3	2543.214	3228.521	62421.06	10384.88	4208.602

Sample Name: CCB013 Acquired: 2/23/2018 16:54:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB013 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002578	.0001967	.0007438	-.000528	-.000610	.0104838	.0005338
Stddev	.001821	.0011144	.0003538	.001693	.000908	.0112559	.0002754
%RSD	70.63986	566.4568	47.56478	320.8510	148.6880	107.3643	51.58449

#1	-.003258	.0003377	.0008405	-.000209	.000322	.0101168	.0004391
#2	-.003963	.0012339	.0003517	.000984	-.000662	-.000584	.0008441
#3	-.000515	-.000981	.0010392	-.002358	-.001491	.021919	.0003183

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	-.000002	.0055441	.0001848	.0000283	.0015240	.0153048
Stddev	.000062	.000057	.0099778	.0001522	.0002539	.0023226	.0044619
%RSD	181.2094	3122.302	179.9720	82.32776	897.6227	152.4093	29.15387

#1	-.000005	.000009	.0162668	.0001249	-.000217	.0028570	.0198107
#2	-.000105	-.000064	.0038332	.0000718	.000290	.0028729	.0152155
#3	.000007	.000049	-.003468	.0003579	.000012	-.001158	.0108882

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000215	.0026220	.0004221	-.000519	-.065837	-.002214	-.001810
Stddev	.000523	.0192158	.0001495	.000225	.286980	.003877	.002205
%RSD	243.4313	732.8801	35.40890	43.28018	435.8928	175.0730	121.7822

#1	-.000817	.0241033	.0003342	-.000562	.235688	-.002621	-.003859
#2	.000114	-.003306	.0003374	-.000719	-.335636	.001850	-.002095
#3	.000059	-.012931	.0005947	-.000276	-.097564	-.005871	.000523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0460075	-.000741	.0026552	.0001319	.0141009	-.001877	-.000804
Stddev	.0398820	.001391	.0006280	.0002016	.0027425	.000838	.000766
%RSD	86.68583	187.6702	23.65321	152.8393	19.44930	44.65426	95.32672

#1	.0872685	-.002342	.0027128	.0003318	.0131750	-.002316	-.000096
#2	.0430892	-.000054	.0032524	-.000071	.0171866	-.000911	-.000699
#3	.0076648	.000173	.0020003	.000135	.0119412	-.002404	-.001617

Sample Name: CCB013 Acquired: 2/23/2018 16:54:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB013 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000520	.0050799	.0000732
Stddev	.000299	.0012430	.0000109
%RSD	57.41940	24.46874	14.93494

#1	-.000209	.0052583	.0000856
#2	-.000804	.0062242	.0000652
#3	-.000547	.0037574	.0000686

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3099.754	3976.296	73112.15	11115.23	5854.050
Stddev	12.282	11.953	239.74	56.81	11.529
%RSD	.3962156	.3006104	.3279055	.5111179	.1969416

#1	3088.090	3963.853	72862.40	11173.26	5840.738
#2	3098.600	3987.690	73133.62	11059.72	5860.859
#3	3112.572	3977.347	73340.43	11112.71	5860.552

Sample Name: PB106719BL Acquired: 2/23/2018 16:59:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000092	.0004008	-.000651	-.001599	-.000054	.0030791	.0001802
Stddev	.003383	.0007912	.001772	.001309	.000754	.0040845	.0007514
%RSD	3673.348	197.4385	272.2656	81.91216	1400.548	132.6536	416.9726

#1	.000201	.0009903	.000128	-.000281	-.000703	.0077482	-.000684
#2	-.003612	.0007104	-.002678	-.001616	.000773	.0013214	.000544
#3	.003135	-.000498	.000598	-.002899	-.000232	.0001677	.000680

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000020	-.000027	-.003629	.0000474	.0001598	-.000556	.0054603
Stddev	.000030	.000018	.006291	.0001435	.0002175	.000543	.0031800
%RSD	148.2455	67.50848	173.3580	302.5893	136.0743	97.65743	58.23863

#1	-.000046	-.000042	-.006686	-.000049	.0003988	-.000369	.0024728
#2	.000013	-.000031	.003606	.000212	.0001072	-.000132	.0051051
#3	-.000028	-.000007	-.007807	-.000021	-.000027	-.001169	.0088029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000200	-.005472	.0002781	-.000813	-.064642	-.001040	-.002276
Stddev	.000284	.015736	.0001720	.000135	.144505	.002174	.003581
%RSD	142.0850	287.5461	61.86336	16.55432	223.5465	208.9426	157.3324

#1	.000121	-.023226	.0002104	-.000715	.077354	-.001698	-.006404
#2	-.000420	.000053	.0001502	-.000758	-.059748	.001386	-.000006
#3	-.000301	.006755	.0004737	-.000967	-.211532	-.002810	-.000418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.107483	.0016764	-.000783	.0001950	.0122282	-.003023	.0000796
Stddev	.067887	.0018535	.000608	.0000995	.0018581	.000202	.0002859
%RSD	63.16094	110.5633	77.68349	50.99276	15.19522	6.696559	359.1381

#1	-.067620	.0029011	-.000452	.0003082	.0107336	-.002849	-.000212
#2	-.068961	.0025840	-.000412	.0001556	.0116424	-.002974	.000360
#3	-.185869	-.000456	-.001486	.0001214	.0143086	-.003245	.000091

Sample Name: PB106719BL Acquired: 2/23/2018 16:59:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000732	.0038616	.0000761
Stddev	.000315	.0006457	.0000166
%RSD	42.99953	16.72136	21.77917

#1	-.000942	.0036408	.0000793
#2	-.000370	.0033553	.0000582
#3	-.000884	.0045887	.0000909

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3115.434	3993.764	73769.45	11136.08	5888.529
Stddev	13.649	6.381	52.45	60.33	19.348
%RSD	.4381097	.1597629	.0710963	.5417199	.3285653

#1	3121.556	3994.815	73723.40	11067.59	5899.622
#2	3124.950	3999.554	73826.54	11159.32	5899.777
#3	3099.796	3986.923	73758.42	11181.33	5866.189

Sample Name: PB106719BS Acquired: 2/23/2018 17:03:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227890	.0558262	.0215943	.0724204	.1186025	.4238947
Stddev	.0021740	.0044683	.0022055	.0021783	.0022535	.0061058
%RSD	9.539634	8.003877	10.21335	3.007862	1.900040	1.440410

#1	.0251871	.0539098	.0194345	.0699113	.1209032	.4304985
#2	.0209473	.0526359	.0238428	.0735226	.1163994	.4227314
#3	.0222325	.0609330	.0215056	.0738274	.1185048	.4184542

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4388088	.0118390	.0107746	11.30964	.0217804	.1050764
Stddev	.0028767	.0002793	.0000676	.01691	.0000938	.0006124
%RSD	.6555766	2.359128	.6274631	.1494886	.4306215	.5828062

#1	.4410431	.0117410	.0108389	11.31730	.0217354	.1057631
#2	.4398204	.0116220	.0107809	11.29026	.0217175	.1048792
#3	.4355629	.0121541	.0107041	11.32137	.0218882	.1045869

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0570069	.2383539	.0336105	10.39211	.0840030	.0215000
Stddev	.0029860	.0090096	.0002886	.04630	.0003969	.0001821
%RSD	5.237892	3.779915	.8585998	.4455010	.4724938	.8470871

#1	.0572881	.2300765	.0332838	10.41976	.0841138	.0215208
#2	.0538903	.2370350	.0338304	10.33867	.0835625	.0213084
#3	.0598423	.2479503	.0337175	10.41792	.0843328	.0216709

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.38253	.1045258	.1340598	11.45442	F .0283723	F .0226696
Stddev	.17198	.0016618	.0046439	.15612	.0003472	.0011091
%RSD	1.510917	1.589846	3.464026	1.363002	1.223593	4.892259

#1	11.58010	.1058411	.1297416	11.44642	.0287656	.0213896
#2	11.26631	.1026582	.1334657	11.30245	.0281087	.0232740
#3	11.30120	.1050782	.1389721	11.61439	.0282426	.0233451

Sample Name: PB106719BS Acquired: 2/23/2018 17:03:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214021	.2001019	.2126752	F .0147104	.2190627	.1182420
Stddev	.0001967	.0026557	.0042914	.0006133	.0021550	.0009101
%RSD	.9191665	1.327160	2.017800	4.168967	.9837503	.7696570

#1	.0215959	.1998574	.2104874	.0146492	.2171396	.1172694
#2	.0214078	.2028714	.2099185	.0141300	.2186566	.1190729
#3	.0212026	.1975769	.2176195	.0153519	.2213919	.1183837

Elem	Sr4077
Units	ppm
Avg	.2197147
Stddev	.0002393
%RSD	.1089296

#1	.2199895
#2	.2196036
#3	.2195512

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3050.343	3942.969	71692.34	11017.64	5656.539
Stddev	13.326	8.612	223.97	125.29	13.325
%RSD	.4368834	.2184028	.3124005	1.137150	.2355737

#1	3040.003	3934.541	71446.92	11075.71	5642.194
#2	3065.382	3942.613	71744.41	11103.36	5658.890
#3	3045.643	3951.753	71885.68	10873.86	5668.532

Sample Name: J1614-01 Acquired: 2/23/2018 17:07:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0630170	-.002313	2.644965	-.036426	.0171430	69.95608
Stddev	.0016782	.000887	.019385	.001333	.0015114	.40534
%RSD	2.663026	38.34059	.7329087	3.658247	8.816252	.5794225

#1	.0649408	-.002885	2.626467	-.037945	.0182940	70.31261
#2	.0618543	-.001292	2.643298	-.035454	.0154314	70.04043
#3	.0622558	-.002764	2.665129	-.035878	.0177036	69.51520

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.14990	.0064874	.0352374	39.10365	.1298164	.0989086
Stddev	.19443	.0000918	.0002274	.14637	.0002334	.0006910
%RSD	.8050802	1.415179	.6454004	.3743100	.1798056	.6985871

#1	24.26471	.0065895	.0350499	39.24687	.1295790	.0987495
#2	23.92542	.0064118	.0351720	38.95433	.1300457	.0983110
#3	24.25958	.0064608	.0354904	39.10976	.1298244	.0996652

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.875000	194.6336	5.816466	12.53299	.2010845	-.011832
Stddev	.003796	.2475	.015216	.00672	.0015964	.000286
%RSD	.0646077	.1271692	.2615983	.0536129	.7939051	2.414412

#1	5.879355	194.7010	5.817950	12.53442	.1999127	-.011746
#2	5.873252	194.3594	5.800562	12.53888	.2004380	-.012151
#3	5.872393	194.8405	5.830885	12.52567	.2029027	-.011600

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8621043	.2320025	5.726661	6.958542	4.722876	.3756219
Stddev	.1771588	.0027125	.103720	.009430	.034674	.0016656
%RSD	20.54958	1.169181	1.811174	.1355184	.7341659	.4434213

#1	.8898216	.2337378	5.747653	6.948278	4.695964	.3774795
#2	.6727207	.2288766	5.818280	6.960527	4.710660	.3751244
#3	1.023771	.2333929	5.614051	6.966822	4.762005	.3742618

Sample Name: J1614-01 Acquired: 2/23/2018 17:07:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122285	8.370248	2.958597	.0352284	.8011584	.0586878
Stddev	.0002949	.040846	.009092	.0007652	.0021318	.0016561
%RSD	2.411537	.4879869	.3072910	2.172229	.2660885	2.821952

#1	.0119046	8.332814	2.965334	.0345123	.8028049	.0589336
#2	.0124814	8.364118	2.948256	.0351381	.7987504	.0569225
#3	.0122994	8.413813	2.962201	.0360348	.8019199	.0602074

Elem	Sr4077
Units	ppm
Avg	.3359942
Stddev	.0005462
%RSD	.1625633

#1	.3366238
#2	.3356469
#3	.3357118

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3156.402	4030.002	75166.94	11692.74	5351.676
Stddev	18.994	18.158	258.64	66.38	17.540
%RSD	.6017583	.4505712	.3440893	.5676752	.3277408

#1	3158.280	4038.269	75051.14	11685.20	5363.014
#2	3136.539	4042.556	74986.44	11762.57	5360.540
#3	3174.387	4009.182	75463.25	11630.46	5331.473

Sample Name: J1614-02 Acquired: 2/23/2018 17:11:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1087332	-.004005	5.995367	-.052979	.0152568	96.42333
Stddev	.0016374	.000490	.099063	.003409	.0009189	.90761
%RSD	1.505844	12.24551	1.652324	6.434954	6.022598	.9412738

#1	.1080088	-.004086	6.026629	-.051586	.0155024	96.87923
#2	.1106078	-.003479	5.884445	-.050487	.0142401	97.01261
#3	.1075830	-.004450	6.075028	-.056864	.0160279	95.37815

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.46951	.0113788	.0096739	68.93571	.1531574	.1746594
Stddev	.27632	.0001509	.0002796	.30509	.0025677	.0029328
%RSD	1.229760	1.326463	2.890174	.4425656	1.676519	1.679182

#1	22.23720	.0112129	.0097588	69.16813	.1501966	.1748498
#2	22.39626	.0115081	.0093617	69.04877	.1547727	.1716361
#3	22.77508	.0114153	.0099012	68.59023	.1545029	.1774925

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8111503	286.0916	12.40478	29.11930	.1912933	-.018389
Stddev	.0050927	.0672	.01889	.06761	.0030682	.000347
%RSD	.6278337	.0234719	.1523037	.2321830	1.603907	1.885283

#1	.8150734	286.1451	12.42020	29.10220	.1919983	-.018095
#2	.8129823	286.1133	12.41044	29.19382	.1879340	-.018300
#3	.8053950	286.0162	12.38371	29.06188	.1939477	-.018771

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9620825	.3928104	3.707400	12.15689	6.300426	.4987958
Stddev	.2237082	.0064182	.016147	.13562	.133564	.0053834
%RSD	23.25250	1.633919	.4355261	1.115546	2.119928	1.079287

#1	.7054204	.3961477	3.691222	12.29211	6.335424	.5037886
#2	1.065139	.3968723	3.723515	12.15768	6.152847	.4930923
#3	1.115688	.3854111	3.707464	12.02088	6.413007	.4995066

Sample Name: J1614-02 Acquired: 2/23/2018 17:11:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132623	7.997275	1.865661	.0177608	1.022307	.0662860
Stddev	.0002947	.143795	.009429	.0002791	.006231	.0004380
%RSD	2.222147	1.798056	.5054160	1.571425	.6095031	.6607308

#1	.0133610	8.030015	1.859489	.0178553	1.024909	.0658488
#2	.0129309	7.839933	1.876515	.0174467	1.026816	.0662843
#3	.0134950	8.121877	1.860979	.0179803	1.015197	.0667248

Elem	Sr4077
Units	ppm
Avg	.2139957
Stddev	.0011809
%RSD	.5518418

#1	.2147319
#2	.2146217
#3	.2126336

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3431.597	4328.780	82331.05	13220.76	5335.485
Stddev	28.225	48.545	367.92	46.95	78.739
%RSD	.8225018	1.121442	.4468741	.3551483	1.475759

#1	3459.649	4304.769	82733.79	13178.42	5311.817
#2	3431.941	4384.651	82246.81	13212.59	5423.344
#3	3403.202	4296.920	82012.57	13271.26	5271.295

Sample Name: J1614-03 Acquired: 2/23/2018 17:15:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3025401	-.008209	22.12652	-.073931	.0202533	127.9918
Stddev	.0019222	.002987	.10146	.004041	.0009059	.9827
%RSD	.6353666	36.38906	.4585222	5.465659	4.472584	.7677587

#1	.3042860	-.009077	22.20805	-.070283	.0192344	129.1030
#2	.3028541	-.010665	22.01290	-.073235	.0209674	127.6350
#3	.3004802	-.004883	22.15860	-.078274	.0205582	127.2373

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.77240	.0152288	.0044190	123.5329	.1540065	.1964372
Stddev	.20225	.0001865	.0000680	.4741	.0024739	.0006705
%RSD	.9289295	1.224553	1.538629	.3837712	1.606355	.3413261

#1	21.99912	.0154431	.0043946	124.0275	.1514455	.1967946
#2	21.70755	.0151033	.0044958	123.0824	.1541912	.1956637
#3	21.61053	.0151401	.0043665	123.4887	.1563829	.1968533

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4941800	417.2072	10.86964	62.34653	.2159938	-.028633
Stddev	.0051547	1.7355	.05195	.31544	.0011559	.000717
%RSD	1.043072	.4159772	.4779043	.5059527	.5351375	2.505614

#1	.4990974	418.0113	10.89400	62.53675	.2166187	-.028216
#2	.4946256	415.2155	10.80998	61.98241	.2146600	-.029461
#3	.4888170	418.3948	10.90492	62.52043	.2167028	-.028221

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.132715	.5260184	7.237410	12.47058	5.631312	.7160833
Stddev	.141983	.0040901	.148364	.14228	.035270	.0026612
%RSD	12.53478	.7775541	2.049965	1.140910	.6263167	.3716308

#1	1.105669	.5283215	7.189038	12.57509	5.647943	.7141406
#2	1.286276	.5212961	7.403924	12.30855	5.590801	.7149927
#3	1.006200	.5284377	7.119269	12.52811	5.655192	.7191165

Sample Name: J1614-03 Acquired: 2/23/2018 17:15:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0272189	10.32544	2.089532	.0028922	.8766174	.0818316
Stddev	.0002879	.06281	.018616	.0002894	.0067178	.0010133
%RSD	1.057772	.6082959	.8909239	10.00598	.7663287	1.238255

#1	.0273254	10.36199	2.110171	.0025671	.8841517	.0829784
#2	.0268929	10.25291	2.084415	.0031217	.8712520	.0810571
#3	.0274383	10.36142	2.074009	.0029877	.8744486	.0814594

Elem	Sr4077
Units	ppm
Avg	.2172360
Stddev	.0012610
%RSD	.5804628

#1	.2186641
#2	.2162762
#3	.2167677

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3176.040	4166.244	76588.45	12391.86	5047.840
Stddev	39.433	16.141	486.30	145.80	19.698
%RSD	1.241569	.3874327	.6349534	1.176585	.3902234

#1	3190.300	4154.879	77130.55	12249.35	5033.799
#2	3131.461	4184.720	76190.58	12540.74	5070.357
#3	3206.359	4159.134	76444.21	12385.47	5039.363

Sample Name: J1614-04 Acquired: 2/23/2018 17:19:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0853384	.0034273	2.339752	-.038672	.0080664	102.2608	9.659001
Stddev	.0047067	.0018938	.007384	.003435	.0011225	.0284	.112827
%RSD	5.515366	55.25642	.3155688	8.882617	13.91597	.0278027	1.168106

#1	.0803050	.0022160	2.343282	-.035613	.0091692	102.2665	9.788338
#2	.0860798	.0024563	2.331266	-.038014	.0081049	102.2859	9.607897
#3	.0896304	.0056097	2.344708	-.042388	.0069251	102.2299	9.580768

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097397	.0014858	59.14155	.1228103	.1730760	.2489453	221.3133
Stddev	.0000235	.0000615	.05533	.0009893	.0003649	.0004230	.4269
%RSD	.2416811	4.137897	.0935590	.8055612	.2108413	.1699048	.1928891

#1	.0097586	.0014812	59.19977	.1229501	.1731817	.2487890	221.7341
#2	.0097473	.0014267	59.08964	.1237223	.1733764	.2486227	220.8805
#3	.0097134	.0015494	59.13525	.1217585	.1726699	.2494242	221.3253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.67278	38.74483	.1433434	-.015078	.9211840	.3346180	1.290840
Stddev	.01039	.10107	.0005293	.000928	.1792980	.0032099	.016976
%RSD	.0819841	.2608604	.3692324	6.155472	19.46387	.9592786	1.315093

#1	12.68468	38.63337	.1434711	-.016100	.7832200	.3310175	1.291724
#2	12.66816	38.83051	.1437972	-.014846	1.123853	.3371805	1.273440
#3	12.66550	38.77063	.1427620	-.014288	.856479	.3356558	1.307357

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.961145	2.781572	.3811448	.0105275	4.175976	2.179859	.0046900
Stddev	.082217	.027057	.0013090	.0005885	.040570	.014607	.0014662
%RSD	.9174827	.9727350	.3434473	5.590538	.9714990	.6700683	31.26160

#1	9.003317	2.765966	.3824705	.0102429	4.147639	2.196705	.0030036
#2	9.013718	2.765934	.3798531	.0112043	4.157839	2.172154	.0056622
#3	8.866399	2.812815	.3811108	.0101353	4.222450	2.170719	.0054043

Sample Name: J1614-04 Acquired: 2/23/2018 17:19:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6P8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8451933	.0774379	.1790816
Stddev	.0027375	.0006269	.0003398
%RSD	.3238944	.8095601	.1897661

#1	.8447195	.0770324	.1788000
#2	.8481368	.0781600	.1789858
#3	.8427236	.0771214	.1794591

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3280.958	4251.255	78332.34	12448.80	5324.325
Stddev	8.140	3.708	170.75	44.73	1.460
%RSD	.2480850	.0872177	.2179763	.3592802	.0274292

#1	3274.125	4254.622	78232.45	12468.84	5323.824
#2	3278.785	4247.281	78235.07	12397.55	5325.970
#3	3289.963	4251.861	78529.49	12480.00	5323.181

Sample Name: J1614-05 Acquired: 2/23/2018 17:23:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2246101	-.035237	5.094059	-.136837	.0288470	170.4435
Stddev	.0057591	.001864	.066183	.004325	.0019555	4.7030
%RSD	2.564048	5.289919	1.299219	3.160371	6.778694	2.759252

#1	.2279053	-.034575	5.076101	-.135039	.0291548	175.6668
#2	.2179601	-.033795	5.038707	-.133701	.0267560	166.5450
#3	.2279648	-.037342	5.167367	-.141770	.0306304	169.1188

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.30023	.0222516	.0101478	95.61834	.1444556	.2361204
Stddev	.91310	.0007052	.0005334	2.13152	.0034039	.0031903
%RSD	3.344652	3.169058	5.256532	2.229192	2.356349	1.351156

#1	28.25022	.0229690	.0096019	97.86849	.1406740	.2352257
#2	26.42915	.0215594	.0101739	93.62957	.1472742	.2334729
#3	27.22131	.0222266	.0106677	95.35696	.1454186	.2396626

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.644401	754.3802	7.352494	48.35820	.3478669	-.049827
Stddev	.065140	14.8181	.144957	1.06315	.0036356	.000326
%RSD	2.463329	1.964277	1.971536	2.198486	1.045100	.6546273

#1	2.715059	769.6621	7.500366	49.42394	.3480703	-.049719
#2	2.586736	740.0742	7.210639	47.29766	.3441340	-.050193
#3	2.631408	753.4042	7.346478	48.35300	.3513965	-.049568

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.810841	.6908026	11.31142	10.40242	7.252221	1.266755
Stddev	.048775	.0239607	.11698	.49296	.078330	.013971
%RSD	2.693488	3.468524	1.034205	4.738870	1.080085	1.102858

#1	1.786903	.7182999	11.44640	10.96054	7.234428	1.282723
#2	1.778659	.6744015	11.24860	10.02648	7.184318	1.256787
#3	1.866959	.6797063	11.23927	10.22025	7.337917	1.260754

Sample Name: J1614-05 Acquired: 2/23/2018 17:23:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6P9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188929	9.336982	2.734786	.0054904	1.139034	.0973878
Stddev	.0003485	.097718	.087908	.0008521	.030505	.0022486
%RSD	1.844394	1.046569	3.214448	15.51919	2.678176	2.308891

#1	.0192862	9.339800	2.829885	.0063387	1.173198	.0998220
#2	.0186228	9.237886	2.656496	.0054980	1.114524	.0953882
#3	.0187697	9.433261	2.717978	.0046346	1.129379	.0969533

Elem	Sr4077
Units	ppm
Avg	.2742485
Stddev	.0076088
%RSD	2.774426

#1	.2824709
#2	.2674563
#3	.2728183

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3336.142	4267.529	80563.18	12789.45	4945.052
Stddev	24.886	38.672	258.27	350.13	50.920
%RSD	.7459612	.9061869	.3205751	2.737663	1.029711

#1	3308.714	4275.470	80650.33	12404.03	4955.513
#2	3342.435	4301.614	80272.62	13087.90	4989.929
#3	3357.278	4225.503	80766.60	12876.42	4889.714

Sample Name: J1614-06 Acquired: 2/23/2018 17:27:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1047308	-.001312	12.29538	-.046993	.0120684	121.8346
Stddev	.0023215	.001632	.10726	.002143	.0015312	.3557
%RSD	2.216654	124.4029	.8723665	4.559206	12.68763	.2919300

#1	.1055118	-.001119	12.41863	-.047739	.0130531	122.0749
#2	.1065611	-.003032	12.24432	-.044578	.0103043	122.0029
#3	.1021195	.000215	12.22319	-.048663	.0128477	121.4260

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.02038	.0112040	-.001239	53.50640	.1740835	.1750101
Stddev	.19961	.0000920	.000077	.22103	.0006527	.0015006
%RSD	.7671306	.8215354	6.233642	.4130987	.3749346	.8574430

#1	26.12063	.0112124	-.001150	53.74953	.1736946	.1766683
#2	26.15000	.0111080	-.001277	53.45205	.1748370	.1737456
#3	25.79051	.0112915	-.001290	53.31760	.1737189	.1746164

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2126178	260.9492	12.46376	25.32763	.1578353	-.016641
Stddev	.0014391	.6812	.05466	.07010	.0016430	.000439
%RSD	.6768688	.2610512	.4385843	.2767587	1.040982	2.635780

#1	.2124128	261.2228	12.50162	25.40056	.1596344	-.016712
#2	.2141485	261.4511	12.48856	25.32156	.1574573	-.016172
#3	.2112922	260.1737	12.40109	25.26076	.1564142	-.017040

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8980408	.4099356	2.065661	15.70061	6.127531	.4614866
Stddev	.0092597	.0029793	.035153	.04956	.043139	.0023153
%RSD	1.031101	.7267813	1.701767	.3156477	.7040136	.5016971

#1	.8951110	.4064954	2.105825	15.73058	6.162139	.4640824
#2	.8906003	.4116328	2.040496	15.64341	6.141253	.4596348
#3	.9084109	.4116785	2.050661	15.72784	6.079200	.4607425

Sample Name: J1614-06 Acquired: 2/23/2018 17:27:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117588	8.704341	2.594322	.0100950	1.354656	.0835099
Stddev	.0004321	.050089	.001950	.0009439	.002637	.0019294
%RSD	3.674438	.5754465	.0751815	9.349883	.1946802	2.310431

#1	.0119471	8.762012	2.595188	.0105813	1.357701	.0857378
#2	.0120648	8.679310	2.595690	.0090071	1.353107	.0823897
#3	.0112646	8.671702	2.592089	.0106965	1.353159	.0824022

Elem	Sr4077
Units	ppm
Avg	.3199215
Stddev	.0009946
%RSD	.3108946

#1	.3208235
#2	.3200862
#3	.3188548

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3409.651	4356.342	81486.67	12836.93	5428.753
Stddev	24.251	30.445	535.43	39.20	45.399
%RSD	.7112368	.6988749	.6570788	.3053793	.8362760

#1	3383.039	4322.833	80964.65	12794.63	5376.330
#2	3430.503	4363.887	82034.57	12872.03	5454.824
#3	3415.411	4382.305	81460.79	12844.15	5455.104

Sample Name: J1614-07 Acquired: 2/23/2018 17:31:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1718790	-.020756	4.347109	-.062657	.0104182	164.0136
Stddev	.0020100	.006349	.010849	.000909	.0017897	.2767
%RSD	1.169406	30.58940	.2495683	1.450741	17.17869	.1686870

#1	.1739624	-.014059	4.350682	-.063669	.0090600	164.3194
#2	.1717232	-.026688	4.355722	-.062391	.0097483	163.9408
#3	.1699515	-.021520	4.334925	-.061910	.0124462	163.7806

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 27.02336	.0160330	.0030670	459.7788	.1779800	.1620634
Stddev	.36142	.0000465	.0000827	1.5201	.0003632	.0004852
%RSD	1.337428	.2899286	2.695356	.3306138	.2040763	.2993677

#1	27.28026	.0160061	.0030368	459.9439	.1783798	.1626228
#2	26.61008	.0160062	.0030037	458.1829	.1778896	.1617574
#3	27.17973	.0160867	.0031605	461.2096	.1776704	.1618099

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2635047	296.1576	9.017703	253.0164	.2276882	-.020824
Stddev	.0014243	1.0484	.034046	1.0002	.0006672	.000612
%RSD	.5405290	.3540027	.3775444	.3953132	.2930540	2.939393

#1	.2636605	296.4992	9.031775	253.2054	.2269332	-.020400
#2	.2648447	294.9810	8.978877	251.9352	.2281985	-.020547
#3	.2620089	296.9926	9.042456	253.9087	.2279331	-.021526

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.684072	.5450720	3.500027	13.37776	5.508726	.5027650
Stddev	.089754	.0014284	.044795	.08675	.005702	.0016493
%RSD	5.329585	.2620609	1.279849	.6484817	.1035090	.3280471

#1	1.582006	.5463828	3.449841	13.43545	5.502969	.5038474
#2	1.719524	.5435496	3.514276	13.41982	5.514372	.5008668
#3	1.750684	.5452837	3.535965	13.27799	5.508838	.5035809

Sample Name: J1614-07 Acquired: 2/23/2018 17:31:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091765	8.273447	4.211245	.0102520	.6672959	.0953939
Stddev	.0000741	.020621	.019287	.0008766	.0016184	.0006515
%RSD	.8073874	.2492383	.4579824	8.550197	.2425286	.6829648

#1	.0092459	8.293619	4.194099	.0094413	.6682041	.0951645
#2	.0091852	8.274316	4.207511	.0111822	.6682561	.0948881
#3	.0090985	8.252405	4.232126	.0101326	.6654273	.0961291

Elem	Sr4077
Units	ppm
Avg	.3556760
Stddev	.0008953
%RSD	.2517142

#1	.3562835
#2	.3560966
#3	.3546478

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3256.991	4148.405	78815.62	13037.49	4578.031
Stddev	36.606	11.592	303.47	33.91	10.251
%RSD	1.123933	.2794294	.3850335	.2600809	.2239069

#1	3289.911	4136.571	78862.12	13026.67	4570.293
#2	3263.492	4148.905	79093.14	13075.49	4574.143
#3	3217.570	4159.738	78491.58	13010.31	4589.657

Sample Name: J1614-08 Acquired: 2/23/2018 17:35:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0796334	.0053327	2.226255	-.038950	.0067589	91.57861	18.50941
Stddev	.0033431	.0045015	.011359	.003321	.0002363	.20666	.14431
%RSD	4.198168	84.41380	.5102094	8.525537	3.496099	.2256593	.7796363

#1	.0834457	.0023154	2.222663	-.042081	.0070164	91.60922	18.35404
#2	.0772017	.0105068	2.217127	-.035467	.0065521	91.76826	18.53495
#3	.0782528	.0031758	2.238976	-.039301	.0067081	91.35836	18.63925

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089857	.0039859	78.81965	.1182160	.1774089	.1924418	225.7675
Stddev	.0001201	.0000584	.24955	.0007912	.0009278	.0028628	.8547
%RSD	1.336695	1.464237	.3166082	.6692884	.5229729	1.487619	.3785864

#1	.0089556	.0040438	78.73015	.1181953	.1770119	.1901590	224.7904
#2	.0091179	.0039271	79.10160	.1174354	.1767456	.1915126	226.1357
#3	.0088834	.0039868	78.62719	.1190174	.1784691	.1956537	226.3765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.13985	42.30893	.1495217	-.014856	.6801383	.3091214	2.218171
Stddev	.07609	.22507	.0006030	.000228	.1280669	.0019702	.016863
%RSD	.4714260	.5319707	.4033010	1.531765	18.82954	.6373584	.7602352

#1	16.05694	42.06157	.1497501	-.015116	.6316523	.3076797	2.232782
#2	16.15612	42.50164	.1488378	-.014761	.5833939	.3083180	2.222014
#3	16.20649	42.36358	.1499771	-.014692	.8253687	.3113663	2.199718

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.941258	2.899478	.3951223	.0108279	6.397636	4.743792	.0146241
Stddev	.004177	.013330	.0011556	.0001641	.032086	.013551	.0017698
%RSD	.0525927	.4597394	.2924721	1.515600	.5015323	.2856601	12.10200

#1	7.941465	2.910481	.3947560	.0108749	6.433818	4.740772	.0161318
#2	7.936981	2.903298	.3964167	.0109633	6.386452	4.732006	.0126755
#3	7.945327	2.884655	.3941942	.0106454	6.372639	4.758599	.0150650

Sample Name: J1614-08 Acquired: 2/23/2018 17:35:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6Q2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9601235	.0711811	.3668768
Stddev	.0053013	.0002961	.0007817
%RSD	.5521461	.4160338	.2130582

#1	.9581807	.0714936	.3660087
#2	.9560678	.0711450	.3670970
#3	.9661221	.0709047	.3675248

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3271.098	4163.326	78222.23	12386.02	5244.899
Stddev	30.291	7.646	278.39	49.89	16.255
%RSD	.9260179	.1836453	.3559000	.4027760	.3099194

#1	3240.907	4161.213	78000.58	12425.70	5242.064
#2	3301.488	4171.806	78534.68	12402.36	5262.385
#3	3270.900	4156.959	78131.42	12330.02	5230.248

Sample Name: J1614-09 Acquired: 2/23/2018 17:40:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1131740	-.010068	2.800266	-.050823	.0114296	86.12748
Stddev	.0055386	.001447	.076526	.004078	.0010614	.92089
%RSD	4.893873	14.37591	2.732826	8.024542	9.286453	1.069217

#1	.1187366	-.010827	2.884604	-.055450	.0102253	87.14453
#2	.1076597	-.008399	2.735258	-.047748	.0118350	85.35017
#3	.1131255	-.010978	2.780935	-.049272	.0122286	85.88774

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 35.72730	.0105398	.0023716	47.41123	.1578199	.1428320
Stddev	.48290	.0001943	.0002436	.60439	.0030833	.0038595
%RSD	1.351614	1.843742	10.27017	1.274785	1.953704	2.702116

#1	36.21452	.0106209	.0025917	48.09006	.1542630	.1470363
#2	35.71854	.0106804	.0021100	46.93155	.1594628	.1394498
#3	35.24885	.0103180	.0024133	47.21207	.1597339	.1420099

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3485290	282.3610	8.063625	18.26235	.1596878	-.018666
Stddev	.0035111	3.4991	.099644	.21640	.0041316	.000231
%RSD	1.007412	1.239212	1.235722	1.184978	2.587281	1.236875

#1	.3524422	286.3076	8.177371	18.51217	.1641414	-.018484
#2	.3456542	279.6384	7.991738	18.13226	.1559798	-.018926
#3	.3474906	281.1369	8.021768	18.14264	.1589421	-.018588

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9627214	.3920801	3.489376	9.478908	5.148376	.4838962
Stddev	.0880343	.0025785	.012557	.177400	.126272	.0112973
%RSD	9.144312	.6576481	.3598545	1.871519	2.452661	2.334651

#1	.9298084	.3919799	3.475597	9.683194	5.280913	.4968442
#2	1.062470	.3895531	3.500173	9.363680	5.029475	.4760472
#3	.895886	.3947072	3.492357	9.389851	5.134741	.4787971

Sample Name: J1614-09 Acquired: 2/23/2018 17:40:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123147	11.40700	2.553520	.0061601	1.020526	.0583552
Stddev	.0005621	.32003	.025085	.0005162	.009174	.0003163
%RSD	4.564562	2.805519	.9823622	8.378916	.8989516	.5419786

#1	.0129487	11.75788	2.581341	.0055718	1.031049	.0586882
#2	.0118772	11.13117	2.532628	.0065368	1.014206	.0583187
#3	.0121182	11.33194	2.546590	.0063717	1.016324	.0580588

Elem	Sr4077
Units	ppm
Avg	.4114193
Stddev	.0051358
%RSD	1.248305

#1	.4170324
#2	.4069556
#3	.4102699

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3274.550	4142.082	78436.79	12440.58	5287.874
Stddev	16.569	88.051	629.64	123.84	127.980
%RSD	.5060017	2.125766	.8027367	.9954400	2.420254

#1	3281.606	4044.493	78997.40	12320.02	5145.193
#2	3255.621	4215.581	77755.57	12434.26	5392.537
#3	3286.423	4166.170	78557.41	12567.46	5325.893

Sample Name: J1614-10 Acquired: 2/23/2018 17:44:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0919605	-.002194	3.618381	-.046374	.0092635	129.9614	12.17420
Stddev	.0041182	.001256	.015819	.002245	.0015834	.5765	.10727
%RSD	4.478237	57.25936	.4371835	4.840365	17.09254	.4436281	.8811496

#1	.0950056	-.003612	3.610687	-.048008	.0074734	129.2979	12.21378
#2	.0872748	-.001220	3.607882	-.047300	.0098366	130.3405	12.05276
#3	.0936010	-.001750	3.636576	-.043815	.0104806	130.2459	12.25605

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114561	.0007844	55.36545	.1409683	.1881058	.2025975	257.6572
Stddev	.0001471	.0001220	.05224	.0005615	.0013553	.0025007	.2722
%RSD	1.284255	15.55486	.0943571	.3983250	.7205200	1.234312	.1056303

#1	.0114523	.0007082	55.31066	.1406203	.1876979	.2013010	257.9386
#2	.0113109	.0007199	55.41471	.1406686	.1870012	.2010113	257.3953
#3	.0116051	.0009252	55.37098	.1416161	.1896182	.2054802	257.6378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.91485	38.94824	.1706708	-.017353	1.236299	.3927192	1.998638
Stddev	.01232	.06940	.0009472	.000466	.119740	.0048890	.016430
%RSD	.1128484	.1781729	.5549949	2.684584	9.685342	1.244913	.8220481

#1	10.90346	38.92739	.1698010	-.016819	1.219788	.3871888	1.982134
#2	10.92792	39.02566	.1705313	-.017677	1.125672	.3945031	2.014993
#3	10.91317	38.89165	.1716800	-.017563	1.363438	.3964658	1.998785

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.500229	2.945966	.4429660	.0117273	4.611101	2.506672	.0052393
Stddev	.100227	.030584	.0019216	.0000759	.032703	.005298	.0007942
%RSD	1.054991	1.038176	.4338086	.6473356	.7092139	.2113561	15.15888

#1	9.451962	2.935955	.4410705	.0118138	4.603339	2.506805	.0058771
#2	9.433268	2.921641	.4449127	.0116968	4.582978	2.501309	.0054910
#3	9.615456	2.980301	.4429149	.0116714	4.646986	2.511902	.0043497

Sample Name: J1614-10 Acquired: 2/23/2018 17:44:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.185377	.0912668	.3206375
Stddev	.007423	.0003950	.0011510
%RSD	.6262046	.4328163	.3589563

#1	1.177333	.0911289	.3193132
#2	1.186835	.0917123	.3212023
#3	1.191962	.0909593	.3213969

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3252.436	4193.530	77496.79	12395.64	5158.039
Stddev	14.399	8.846	393.37	33.37	22.098
%RSD	.4427153	.2109391	.5075949	.2692222	.4284228

#1	3265.834	4203.174	77920.96	12419.15	5178.242
#2	3254.263	4191.622	77425.43	12410.34	5161.436
#3	3237.210	4185.794	77143.99	12357.45	5134.439

Sample Name: J1614-11 Acquired: 2/23/2018 17:48:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0586181	-.004983	.6059068	-.024697	.0042831	73.43767	5.064945
Stddev	.0022023	.003431	.0014201	.002669	.0019728	.37211	.011049
%RSD	3.756998	68.85672	.2343817	10.80770	46.06027	.5067072	.2181416

#1	.0591303	-.005972	.6064822	-.026992	.0030216	73.02836	5.054226
#2	.0562049	-.007812	.6069490	-.025330	.0065565	73.52909	5.064312
#3	.0605191	-.001166	.6042893	-.021768	.0032712	73.75555	5.076296

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059280	-.000214	73.58758	.0945178	.0651732	.0869277	149.5147
Stddev	.0000116	.000127	.18070	.0002835	.0001605	.0007243	.5330
%RSD	.1952806	59.23309	.2455561	.2999186	.2461991	.8332271	.3565123

#1	.0059413	-.000288	73.59581	.0942285	.0653210	.0861034	149.8051
#2	.0059217	-.000068	73.40291	.0947951	.0651961	.0872174	148.8995
#3	.0059209	-.000286	73.76403	.0945296	.0650026	.0874623	149.8395

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.694652	36.73036	.0773318	-.009995	.4154333	.2441357	.7052247
Stddev	.006127	.12488	.0001610	.000330	.0563088	.0016785	.0091235
%RSD	.1658338	.3399947	.2081846	3.298026	13.55422	.6875288	1.293698

#1	3.700666	36.85841	.0771494	-.010356	.3544279	.2435425	.6950248
#2	3.688418	36.60890	.0774540	-.009710	.4654150	.2460303	.7126070
#3	3.694871	36.72378	.0773919	-.009918	.4264572	.2428344	.7080423

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.269083	2.561597	.2609499	.0087067	3.563492	2.457530	.0037139
Stddev	.063607	.014036	.0011073	.0000831	.021009	.027835	.0004052
%RSD	1.014619	.5479530	.4243511	.9542251	.5895628	1.132631	10.91015

#1	6.317362	2.547822	.2607782	.0086544	3.555060	2.478433	.0039858
#2	6.197008	2.575881	.2621330	.0088025	3.587407	2.425934	.0039076
#3	6.292878	2.561088	.2599384	.0086632	3.548009	2.468223	.0032482

Sample Name: J1614-11 Acquired: 2/23/2018 17:48:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6Q5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7542067	.0601049	.1577639
Stddev	.0012293	.0004920	.0005533
%RSD	.1629966	.8185732	.3507280

#1	.7536825	.0604041	.1572701
#2	.7556112	.0603734	.1576597
#3	.7533263	.0595370	.1583619

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3045.475	3901.257	73159.73	11595.32	5176.293
Stddev	9.926	4.687	222.73	45.65	10.130
%RSD	.3259194	.1201477	.3044416	.3937348	.1956928

#1	3040.629	3902.320	73044.09	11567.68	5179.008
#2	3038.903	3896.129	73018.60	11648.02	5165.083
#3	3056.893	3905.321	73416.49	11570.26	5184.789

Sample Name: J1614-12 Acquired: 2/23/2018 17:52:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0586909	-.003003	.5733033	-.024767	.0036414	70.27395	4.843043
Stddev	.0033012	.001221	.0082860	.001342	.0006474	.38268	.021697
%RSD	5.624760	40.67149	1.445310	5.419301	17.77938	.5445497	.4480006

#1	.0564536	-.004222	.5637702	-.024157	.0032823	70.69261	4.864631
#2	.0571367	-.003007	.5787756	-.023837	.0032532	69.94221	4.821238
#3	.0624823	-.001779	.5773642	-.026306	.0043888	70.18703	4.843259

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057292	-.000272	70.53253	.0910153	.0616959	.0866070	143.1558
Stddev	.0000109	.000141	.32793	.0005989	.0004830	.0018178	.3142
%RSD	.1908003	52.00729	.4649374	.6580392	.7828210	2.098922	.2194573

#1	.0057262	-.000354	70.90960	.0906235	.0612241	.0879050	143.4542
#2	.0057201	-.000354	70.37407	.0917048	.0621893	.0845294	142.8280
#3	.0057413	-.000109	70.31392	.0907177	.0616743	.0873866	143.1853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.546086	35.24119	.0730595	-.009559	.4586978	.2318803	.6688814
Stddev	.019172	.01712	.0008719	.000581	.0726595	.0004148	.0039560
%RSD	.5406383	.0485696	1.193405	6.080207	15.84038	.1789063	.5914359

#1	3.568146	35.22415	.0720562	-.009165	.3880332	.2323492	.6701105
#2	3.533454	35.25838	.0734887	-.009286	.5332001	.2315611	.6644568
#3	3.536658	35.24103	.0736335	-.010227	.4548601	.2317304	.6720770

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.815996	2.403087	.2501903	.0083664	3.355330	2.339997	.0041152
Stddev	.055615	.017970	.0013089	.0001236	.032319	.003200	.0006097
%RSD	.9562430	.7477967	.5231562	1.477303	.9632083	.1367418	14.81633

#1	5.870749	2.383321	.2491134	.0083914	3.319568	2.337578	.0045214
#2	5.817680	2.418439	.2498105	.0084756	3.363975	2.343625	.0034141
#3	5.759558	2.407500	.2516471	.0082322	3.382447	2.338788	.0044101

Sample Name: J1614-12 Acquired: 2/23/2018 17:52:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6Q5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7243488	.0564557	.1511351
Stddev	.0023422	.0018015	.0007827
%RSD	.3233586	3.191036	.5179108

#1	.7270532	.0585101	.1520389
#2	.7229718	.0557114	.1506805
#3	.7230213	.0551455	.1506858

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3187.022	4089.030	76228.47	12089.30	5443.635
Stddev	28.548	29.007	180.77	75.99	49.763
%RSD	.8957467	.7093775	.2371361	.6285640	.9141553

#1	3215.555	4122.468	76433.08	12059.83	5500.741
#2	3187.050	4070.625	76161.88	12032.46	5409.555
#3	3158.460	4073.999	76090.44	12175.61	5420.608

Sample Name: J1614-13 Acquired: 2/23/2018 17:56:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1320753	.1011337	.6181659	.0778901	.2056710	73.99438	9.243203
Stddev	.0030403	.0035728	.0016147	.0025952	.0009472	.31688	.032157
%RSD	2.301969	3.532726	.2612057	3.331938	.4605675	.4282480	.3478999

#1	.1348916	.1007366	.6199844	.0771878	.2067139	74.34676	9.278114
#2	.1324822	.0977760	.6169003	.0757183	.2048639	73.90353	9.214793
#3	.1288519	.1048884	.6176128	.0807642	.2054352	73.73285	9.236702

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1114948	.1079297	70.34525	.4836399	1.168574	.6138035	145.0903
Stddev	.0006030	.0006958	.37064	.0011447	.004857	.0013437	.7169
%RSD	.5408152	.6446821	.5268935	.2366910	.4156535	.2189205	.4940854

#1	.1121796	.1072633	70.77262	.4847626	1.163850	.6152019	145.8367
#2	.1112615	.1078741	70.11163	.4824743	1.168318	.6136867	144.4072
#3	.1110434	.1086516	70.15152	.4836830	1.173554	.6125220	145.0269

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.582827	35.16415	1.144697	.0938289	.6331346	1.273256	1.706893
Stddev	.021970	.15292	.004033	.0003419	.2587323	.002665	.006043
%RSD	.4793889	.4348726	.3523017	.3644119	40.86528	.2093388	.3540214

#1	4.607328	35.34063	1.141426	.0940160	.7820438	1.274687	1.711195
#2	4.564882	35.07078	1.143462	.0940363	.3343769	1.274900	1.709499
#3	4.576271	35.08105	1.149202	.0934342	.7829832	1.270181	1.699984

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.896124	2.433427	.2539531	.0084373	3.362170	3.679324	.0041351
Stddev	.107044	.032264	.0010297	.0001317	.044860	.029334	.0005346
%RSD	1.815500	1.325847	.4054631	1.560324	1.334265	.7972603	12.92736

#1	5.871854	2.405506	.2546626	.0084361	3.321364	3.710638	.0036439
#2	6.013219	2.426028	.2527721	.0083064	3.354940	3.652485	.0040570
#3	5.803298	2.468747	.2544245	.0085696	3.410206	3.674849	.0047044

Sample Name: J1614-13 Acquired: 2/23/2018 17:56:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6Q5S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7379082	.0599003	.1512728
Stddev	.0037573	.0010398	.0007417
%RSD	.5091763	1.735971	.4902878

#1	.7422117	.0595403	.1521206
#2	.7352802	.0590883	.1507440
#3	.7362328	.0610724	.1509538

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.430	4037.810	76398.02	12061.57	5381.416
Stddev	14.981	3.576	328.89	84.13	16.746
%RSD	.4697099	.0885530	.4304905	.6975447	.3111789

#1	3184.733	4041.883	76467.09	11982.20	5398.924
#2	3177.360	4035.189	76040.09	12052.73	5379.771
#3	3206.196	4036.358	76686.89	12149.77	5365.553

Sample Name: J1614-11LX5 Acquired: 2/23/2018 18:00:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6Q5L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136758	-.000578	.1190024	-.005603	.0005063	15.14946	1.036768
Stddev	.0038925	.002393	.0027350	.002151	.0014955	.03799	.003100
%RSD	28.46275	414.1879	2.298240	38.38073	295.4031	.2507361	.2989752

#1	.0159574	-.001997	.1209749	-.008063	.0020559	15.14082	1.037492
#2	.0158888	-.001921	.1201519	-.004669	-.000929	15.19102	1.033370
#3	.0091813	.002185	.1158803	-.004078	.000391	15.11654	1.039441

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012699	-.000165	15.41128	.0198702	.0124630	.0202012	31.48875
Stddev	.0000683	.000094	.04298	.0001731	.0001294	.0018214	.15787
%RSD	5.378747	56.84887	.2788597	.8711608	1.038404	9.016012	.5013411

#1	.0012495	-.000060	15.43983	.0200322	.0124392	.0185921	31.48497
#2	.0012141	-.000195	15.36185	.0198904	.0126027	.0198331	31.33280
#3	.0013461	-.000241	15.43216	.0196878	.0123472	.0221785	31.64846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7810107	7.645458	.0151802	-.002841	-.070791	.0507062	.1427002
Stddev	.0031244	.060232	.0003990	.000319	.100976	.0010650	.0038687
%RSD	.4000488	.7878180	2.628729	11.21482	142.6395	2.100403	2.711082

#1	.7841486	7.660533	.0155163	-.003052	-.173463	.0496921	.1385338
#2	.7778999	7.579120	.0147391	-.002997	-.067311	.0506108	.1461791
#3	.7809838	7.696720	.0152850	-.002475	.028400	.0518157	.1433878

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.295830	.4833611	.0510058	.0018260	.6824848	.5237252	.0007501
Stddev	.063227	.0087980	.0006228	.0001812	.0077273	.0024377	.0008013
%RSD	4.879232	1.820180	1.221047	9.921422	1.132231	.4654546	106.8353

#1	1.362007	.4894238	.0515716	.0016191	.6857998	.5254380	-.000174
#2	1.236038	.4873895	.0503384	.0019032	.6880015	.5248032	.001174
#3	1.289445	.4732701	.0511074	.0019559	.6736531	.5209343	.001250

Sample Name: J1614-11LX5 Acquired: 2/23/2018 18:00:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1580273	.0144497	.0329656
Stddev	.0019395	.0007479	.0000227
%RSD	1.227315	5.175730	.0689060

#1	.1601195	.0152699	.0329523
#2	.1576730	.0138057	.0329527
#3	.1562894	.0142734	.0329918

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.317	3911.441	71057.84	10995.87	5547.981
Stddev	18.392	43.308	298.11	79.51	66.570
%RSD	.6121872	1.107221	.4195300	.7231051	1.199901

#1	2995.327	3878.841	71127.30	10907.13	5486.697
#2	2992.149	3894.900	70731.13	11019.86	5538.440
#3	3025.474	3960.582	71315.09	11060.63	5618.808

Sample Name: J1614-14 Acquired: 2/23/2018 18:04:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0960556	-.004875	.6772261	-.034299	.0083610	118.4042	4.655062
Stddev	.0034755	.003682	.0054356	.002120	.0009444	.3951	.023163
%RSD	3.618217	75.53314	.8026248	6.180135	11.29562	.3337124	.4975976

#1	.0970057	-.009127	.6709552	-.032292	.0094414	118.8122	4.666047
#2	.0989573	-.002727	.6801327	-.036516	.0079486	118.0233	4.670689
#3	.0922039	-.002772	.6805905	-.034088	.0076929	118.3770	4.628450

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112345	.0034139	135.3269	.1336044	.1421476	.1678736	206.1486
Stddev	.0001331	.0002189	.9705	.0015531	.0006701	.0008584	1.6768
%RSD	1.184532	6.411410	.7171196	1.162458	.4714385	.5113103	.8133750

#1	.0111689	.0032011	135.3489	.1352329	.1413753	.1683022	206.1670
#2	.0113876	.0034021	136.2862	.1334405	.1424921	.1684332	207.8160
#3	.0111468	.0036384	134.3457	.1321398	.1425754	.1668853	204.4627

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.777622	74.16798	.1835754	-.013888	.7729141	.3343518	.6963209
Stddev	.085949	.55121	.0020286	.000204	.1402034	.0021798	.0123054
%RSD	.8790358	.7431850	1.105038	1.466159	18.13959	.6519449	1.767205

#1	9.758357	73.98919	.1812993	-.014098	.7500899	.3323276	.6950953
#2	9.871568	74.78639	.1842344	-.013873	.9231292	.3366594	.6846742
#3	9.702940	73.72836	.1851925	-.013692	.6455231	.3340685	.7091933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.18374	3.217847	.3613051	.0058544	3.804363	2.013582	.0055815
Stddev	.02675	.025291	.0040184	.0004696	.035865	.011794	.0019967
%RSD	.2391960	.7859728	1.112194	8.021512	.9427235	.5857472	35.77377

#1	11.20076	3.188929	.3638941	.0053193	3.762965	2.010562	.0033718
#2	11.19755	3.228776	.3633453	.0060463	3.826012	2.026593	.0061165
#3	11.15290	3.235836	.3566759	.0061977	3.824112	2.003592	.0072563

Sample Name: J1614-14 Acquired: 2/23/2018 18:04:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6Q6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5459209	.0829799	.1290515
Stddev	.0002501	.0025732	.0004322
%RSD	.0458091	3.100981	.3348857

#1	.5457407	.0832371	.1294494
#2	.5462064	.0854149	.1291133
#3	.5458155	.0802878	.1285918

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3297.995	4249.578	79253.16	12423.23	5099.451
Stddev	14.300	21.630	232.24	55.50	31.058
%RSD	.4336072	.5089885	.2930411	.4467206	.6090435

#1	3311.663	4273.652	79023.19	12415.31	5135.042
#2	3299.186	4243.301	79487.61	12372.12	5085.470
#3	3283.137	4231.781	79248.68	12482.26	5077.841

Sample Name: J1614-15 Acquired: 2/23/2018 18:08:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1428461	-.012449	18.86640	-.076495	.0151448	145.1601
Stddev	.0026690	.003840	.04092	.003739	.0012002	3.3335
%RSD	1.868454	30.84385	.2169003	4.887922	7.925072	2.296461

#1	.1407023	-.008321	18.85350	-.072719	.0154490	147.2457
#2	.1458355	-.013112	18.83349	-.076571	.0138218	146.9192
#3	.1420006	-.015914	18.91222	-.080196	.0161637	141.3155

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 38.91271	.0166652	.0052549	107.3370	.1747379	.2059021
Stddev	.76725	.0002354	.0005044	2.3338	.0012592	.0006251
%RSD	1.971717	1.412540	9.598166	2.174266	.7206164	.3035897

#1	39.05838	.0169197	.0050575	108.7751	.1738330	.2054860
#2	39.59668	.0166206	.0048791	108.5915	.1742047	.2066210
#3	38.08307	.0164552	.0058281	104.6442	.1761759	.2055994

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4888907	410.5630	13.57485	64.27825	.2423146	-.024502
Stddev	.0132864	10.0075	.31108	1.48377	.0013043	.000569
%RSD	2.717658	2.437497	2.291588	2.308355	.5382573	2.322914

#1	.4985281	417.0478	13.77382	65.13003	.2421668	-.024287
#2	.4944097	415.6037	13.73436	65.13977	.2410905	-.024072
#3	.4737343	399.0375	13.21637	62.56495	.2436864	-.025148

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.262530	.5649424	12.87960	9.275071	3.984659	.7085075
Stddev	.172938	.0133447	.07286	.265728	.018281	.0259380
%RSD	13.69776	2.362136	.5657181	2.864973	.4587766	3.660937

#1	1.142297	.5782158	12.96211	9.429869	3.965912	.7267083
#2	1.460725	.5650840	12.82409	9.427106	4.002434	.7200063
#3	1.184567	.5515275	12.85260	8.968239	3.985630	.6788078

Sample Name: J1614-15 Acquired: 2/23/2018 18:08:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114534	9.519464	2.244892	.0056917	.7361553	.0966460
Stddev	.0003650	.015832	.026763	.0010335	.0146813	.0016419
%RSD	3.186888	.1663144	1.192188	18.15812	1.994317	1.698880

#1	.0111228	9.501208	2.259557	.0045292	.7458418	.0979251
#2	.0118451	9.527756	2.261118	.0065064	.7433606	.0972184
#3	.0113924	9.529427	2.214002	.0060396	.7192635	.0947945

Elem	Sr4077
Units	ppm
Avg	.2479628
Stddev	.0062174
%RSD	2.507381

#1	.2517036
#2	.2513991
#3	.2407857

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3442.906	4456.872	82655.66	13124.80	5153.114
Stddev	14.562	6.472	83.34	215.16	.983
%RSD	.4229498	.1452049	.1008229	1.639343	.0190834

#1	3430.722	4464.161	82560.14	13053.74	5153.524
#2	3459.033	4451.801	82713.51	12954.16	5151.992
#3	3438.962	4454.656	82693.34	13366.50	5153.827

Sample Name: J1614-16 Acquired: 2/23/2018 18:12:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0862572	.0013764	2.610732	-.029994	.0100400	64.10048
Stddev	.0029656	.0020558	.006225	.002111	.0013578	.94270
%RSD	3.438095	149.3631	.2384530	7.038945	13.52391	1.470667

#1	.0847500	.0014773	2.603676	-.031552	.0088581	63.57785
#2	.0843480	.0033799	2.613067	-.027591	.0115231	63.53486
#3	.0896737	-.000728	2.615451	-.030840	.0097388	65.18874

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.49708	.0074075	.0027342	65.52664	.1072150	.1329832
Stddev	.40039	.0001039	.0001396	1.02886	.0005458	.0006630
%RSD	1.195299	1.401940	5.105215	1.570147	.5090795	.4985496

#1	33.12269	.0072889	.0028265	65.02875	.1067563	.1322946
#2	33.44936	.0074511	.0028024	64.84143	.1078187	.1330378
#3	33.91919	.0074823	.0025736	66.70974	.1070701	.1336172

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4173434	179.2778	11.32058	21.78660	.1198811	-.012489
Stddev	.0059233	2.5552	.15573	.29176	.0005425	.000646
%RSD	1.419278	1.425274	1.375644	1.339172	.4525085	5.169239

#1	.4144256	178.0270	11.24338	21.63700	.1205004	-.012119
#2	.4134451	177.5889	11.21854	21.59997	.1196527	-.013234
#3	.4241596	182.2174	11.49983	22.12281	.1194901	-.012113

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8235753	.2450940	2.491863	6.690901	3.816298	.3305184
Stddev	.0917616	.0079462	.020232	.157479	.016284	.0063836
%RSD	11.14186	3.242101	.8119301	2.353632	.4266991	1.931383

#1	.8940801	.2426546	2.472420	6.643106	3.824359	.3276472
#2	.7198247	.2386535	2.490366	6.562856	3.826979	.3260747
#3	.8568212	.2539740	2.512801	6.866740	3.797556	.3378334

Sample Name: J1614-16 Acquired: 2/23/2018 18:12:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098757	10.87273	2.653219	.0057217	.8466917	.0540625
Stddev	.0002689	.04006	.023651	.0013055	.0082015	.0019004
%RSD	2.723027	.3684649	.8914178	22.81574	.9686552	3.515199

#1	.0101751	10.84182	2.630574	.0042151	.8438156	.0529961
#2	.0097973	10.91799	2.651320	.0065170	.8403156	.0529348
#3	.0096547	10.85838	2.677762	.0064331	.8559439	.0562566

Elem	Sr4077
Units	ppm
Avg	.4108926
Stddev	.0057776
%RSD	1.406114

#1	.4072056
#2	.4079210
#3	.4175512

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3244.879	4160.613	77256.96	12227.27	5392.760
Stddev	16.047	11.995	458.22	115.75	7.090
%RSD	.4945241	.2882952	.5931135	.9466304	.1314757

#1	3257.870	4169.060	77719.94	12240.67	5395.661
#2	3226.941	4165.895	76803.65	12335.74	5397.940
#3	3249.825	4146.883	77247.28	12105.41	5384.680

Sample Name: J1614-17 Acquired: 2/23/2018 18:16:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0990078	.0218577	1.406255	-.028648	.0054906	71.73012	15.50493
Stddev	.0003587	.0031658	.015906	.003535	.0016568	.25660	.10292
%RSD	.3622394	14.48390	1.131061	12.34082	30.17506	.3577318	.6637889

#1	.0989765	.0182037	1.406001	-.032696	.0045808	71.46666	15.46852
#2	.0993810	.0237798	1.390478	-.027084	.0044880	71.97926	15.42516
#3	.0986658	.0235895	1.422286	-.026164	.0074029	71.74443	15.62110

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090317	.0039716	17.51934	.0951001	.2158626	.1747576	206.6669
Stddev	.0001008	.0001031	.14174	.0011809	.0030578	.0030306	1.3859
%RSD	1.116508	2.596055	.8090223	1.241732	1.416556	1.734150	.6705874

#1	.0089316	.0038581	17.35728	.0958638	.2151482	.1731092	205.0691
#2	.0091333	.0039969	17.58055	.0956966	.2132252	.1729085	207.3883
#3	.0090303	.0040596	17.62017	.0937400	.2192143	.1782550	207.5433

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.26368	11.12972	.1485445	-.014781	.6315468	.2766244	4.038341
Stddev	.17317	.17309	.0021751	.000329	.1364067	.0052251	.032256
%RSD	.6351539	1.555217	1.464283	2.225743	21.59883	1.888884	.7987452

#1	27.06747	10.92999	.1485569	-.015076	.7810867	.2734977	4.066382
#2	27.32845	11.23597	.1463632	-.014426	.5139380	.2826565	4.045551
#3	27.39514	11.22320	.1507134	-.014839	.5996157	.2737191	4.003090

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.287688	3.879485	.3601980	.0115567	3.846405	1.888763	.0045740
Stddev	.133805	.044923	.0026965	.0001042	.045998	.013961	.0004702
%RSD	1.614506	1.157966	.7486292	.9013616	1.195870	.7391464	10.28018

#1	8.253019	3.862916	.3570990	.0115377	3.823626	1.876726	.0047781
#2	8.174629	3.845200	.3620092	.0114634	3.816241	1.885495	.0040362
#3	8.435415	3.930339	.3614858	.0116691	3.899348	1.904068	.0049077

Sample Name: J1614-17 Acquired: 2/23/2018 18:16:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6Q9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.001175	.0428304	.1149228
Stddev	.004335	.0007320	.0003240
%RSD	.4330006	1.709102	.2819576

#1	.999755	.0424875	.1145618
#2	1.006042	.0436709	.1150183
#3	.997727	.0423327	.1151884

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3467.802	4482.652	81680.40	12589.14	5525.567
Stddev	14.550	52.825	433.54	61.77	60.076
%RSD	.4195720	1.178429	.5307782	.4906443	1.087234

#1	3452.728	4495.386	81350.89	12644.01	5536.925
#2	3468.912	4527.946	81518.77	12601.18	5579.153
#3	3481.765	4424.624	82171.54	12522.24	5460.622

Sample Name: CCV014 Acquired: 2/23/2018 18:20:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.848553	4.932545	23.95934	4.867844	4.911753	367.7033
Stddev	.013979	.033531	.06744	.020421	.007266	1.8787
%RSD	.2883130	.6797981	.2814792	.4195150	.1479259	.5109363

#1	4.839717	4.895375	23.97661	4.847988	4.914648	365.7101
#2	4.841273	4.941740	23.88494	4.866757	4.903486	367.9580
#3	4.864670	4.960519	24.01646	4.888788	4.917125	369.4416

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.965545	.5064599	2.435639	378.6630	14.49991	2.506279
Stddev	.009792	.0037039	.007199	.5785	.02804	.004155
%RSD	.0982537	.7313359	.2955548	.1527745	.1933752	.1658009

#1	9.970523	.5050305	2.438650	378.3315	14.46754	2.506963
#2	9.954264	.5106655	2.427423	379.3309	14.51607	2.501824
#3	9.971847	.5036835	2.440842	378.3265	14.51614	2.510050

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80812	363.4496	14.13068	370.2042	2.362801	1.268726
Stddev	.03209	.9720	.02966	.6746	.005473	.005659
%RSD	.2166743	.2674312	.2098925	.1822131	.2316129	.4460526

#1	14.77276	364.5706	14.15971	370.9807	2.363119	1.275072
#2	14.81623	362.9367	14.13189	369.8694	2.357177	1.264203
#3	14.83538	362.8415	14.10043	369.7626	2.368108	1.266905

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	401.0646	2.357165	14.53059	159.9158	F 4.353604	F 5.526960
Stddev	1.5903	.018625	.10657	.8039	.041298	.043003
%RSD	.3965198	.7901258	.7334276	.5026908	.9485993	.7780624

#1	402.2258	2.337834	14.58865	158.9953	4.317787	5.521685
#2	401.7158	2.358671	14.40760	160.4799	4.344247	5.572357
#3	399.2520	2.374992	14.59553	160.2722	4.398778	5.486838

Sample Name: CCV014 Acquired: 2/23/2018 18:20:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV014 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.784066	5.130174	5.064919	4.740210	5.057917	5.396739
Stddev	.012387	.030032	.043453	.019100	.017321	.009816
%RSD	.2589283	.5853958	.8579220	.4029354	.3424625	.1818966

#1	4.777399	5.108980	5.060486	4.731714	5.038305	5.385607
#2	4.776440	5.117000	5.110418	4.726833	5.071125	5.400457
#3	4.798359	5.164541	5.023852	4.762084	5.064320	5.404154

Elem	Sr4077
Units	ppm
Avg	5.017090
Stddev	.042060
%RSD	.8383275

#1	4.987994
#2	5.065314
#3	4.997962

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2528.265	3219.774	61688.17	10384.89	4203.029
Stddev	15.081	1.107	293.07	68.11	9.147
%RSD	.5964918	.0343799	.4750795	.6558572	.2176268

#1	2510.865	3218.692	61373.08	10422.58	4193.775
#2	2536.355	3220.904	61952.61	10306.26	4212.065
#3	2537.575	3219.726	61738.82	10425.81	4203.245

Sample Name: CCB014 Acquired: 2/23/2018 18:24:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006683	.0004859	.0004536	-.002356	-.001195	.0080207	.0003327
Stddev	.0025871	.0010531	.0020717	.002130	.001115	.0059894	.0003137
%RSD	387.1269	216.7044	456.7023	90.37594	93.37153	74.67414	94.28747

#1	-.000307	-.000194	-.000543	-.000187	-.001253	.0118182	-.000029
#2	.003601	.001699	.002835	-.004444	-.000051	.0011163	.000524
#3	-.001289	-.000048	-.000931	-.002438	-.002279	.0111277	.000503

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000300	-.000057	-.007162	.0000728	.0000296	-.001219	.0027866
Stddev	.0000221	.000032	.007083	.0002789	.0001540	.001093	.0067544
%RSD	73.51960	57.26530	98.90808	382.8996	519.6738	89.65433	242.3903

#1	.0000435	-.000093	-.003419	.0001469	.0002018	-.002366	.0105574
#2	.0000419	-.000044	-.015331	.0003072	-.000018	-.000190	-.000522
#3	.0000045	-.000032	-.002734	-.000236	-.000095	-.001101	-.001675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000130	-.007686	.0001378	-.000860	-.281181	-.002037	-.000640
Stddev	.000206	.009260	.0001520	.000395	.059683	.004645	.000699
%RSD	158.9222	120.4828	110.3163	45.97189	21.22584	228.0091	109.1916

#1	-.000099	-.011468	.0001102	-.000436	-.275683	.002139	-.001396
#2	-.000349	.002867	.0000015	-.000926	-.343422	-.001210	-.000017
#3	.000059	-.014457	.0003017	-.001218	-.224437	-.007040	-.000508

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023030	-.000055	-.000784	.0002303	.0149888	-.001705	-.000614
Stddev	.122522	.001691	.001098	.0001596	.0027463	.001284	.000223
%RSD	532.0109	3052.434	140.1200	69.28860	18.32229	75.28670	36.25715

#1	-.114607	.001837	-.001843	.0000832	.0180152	-.002162	-.000383
#2	.116149	-.001419	.000350	.0002077	.0142958	-.000255	-.000632
#3	-.070632	-.000584	-.000858	.0004000	.0126554	-.002697	-.000827

Sample Name: CCB014 Acquired: 2/23/2018 18:24:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB014 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000554	.0044298	.0000363
Stddev	.000294	.0008714	.0000034
%RSD	53.14618	19.67166	9.444357

#1	-.000828	.0043860	.0000391
#2	-.000243	.0053222	.0000373
#3	-.000590	.0035811	.0000324

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3086.215	3967.897	73047.21	10923.67	5861.448
Stddev	26.353	21.465	348.75	142.96	39.187
%RSD	.8538831	.5409648	.4774369	1.308699	.6685502

#1	3069.860	3944.624	72863.42	10917.11	5820.383
#2	3072.170	3986.918	72828.78	10784.11	5898.438
#3	3116.615	3972.148	73449.42	11069.80	5865.522

Sample Name: J1614-18 Acquired: 2/23/2018 18:28:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1514781	-.012806	3.144983	-.045825	.0104264	107.5522
Stddev	.0014216	.003004	.016383	.002538	.0007855	1.3064
%RSD	.9384582	23.45672	.5209243	5.537516	7.533750	1.214674

#1	.1500835	-.012258	3.139769	-.043153	.0098162	106.0500
#2	.1529251	-.010114	3.131842	-.048202	.0113127	108.4222
#3	.1514256	-.016047	3.163339	-.046120	.0101503	108.1846

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.95064	.0104736	.0058708	375.8263	.1443615	.1419650
Stddev	.08293	.0001428	.0001057	3.1933	.0006414	.0006258
%RSD	.3778076	1.363546	1.799894	.8496795	.4443023	.4408355

#1	21.86109	.0103349	.0059927	372.3526	.1450170	.1414320
#2	22.02481	.0106202	.0058051	376.4920	.1437352	.1418088
#3	21.96601	.0104658	.0058146	378.6343	.1443321	.1426541

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.056258	215.8753	5.905676	196.3447	.1891936	-.015645
Stddev	.011091	1.4417	.037710	1.4708	.0015229	.000481
%RSD	1.049993	.6678557	.6385388	.7491108	.8049540	3.075868

#1	1.043551	214.3083	5.867387	194.6655	.1888957	-.016123
#2	1.061230	216.1719	5.906862	196.9639	.1878417	-.015653
#3	1.063992	217.1457	5.942779	197.4047	.1908435	-.015160

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.286062	.3897770	2.516970	15.86354	5.092099	.3992141
Stddev	.055306	.0028183	.005588	.25368	.011915	.0018636
%RSD	4.300409	.7230551	.2220194	1.599151	.2339959	.4668115

#1	1.300391	.3866269	2.511134	15.57122	5.082327	.3970964
#2	1.225002	.3920596	2.517505	15.99331	5.088597	.4006039
#3	1.332793	.3906443	2.522271	16.02608	5.105373	.3999419

Sample Name: J1614-18 Acquired: 2/23/2018 18:28:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140318	10.17434	2.519638	.0039485	.7284792	.0797164
Stddev	.0002214	.01289	.027360	.0014643	.0068593	.0008181
%RSD	1.577827	.1266685	1.085859	37.08406	.9415929	1.026294

#1	.0139874	10.16802	2.490631	.0041270	.7205881	.0800328
#2	.0138360	10.16583	2.523301	.0053153	.7330147	.0787873
#3	.0142720	10.18917	2.544982	.0024032	.7318348	.0803291

Elem	Sr4077
Units	ppm
Avg	.3265771
Stddev	.0033284
%RSD	1.019189

#1	.3227449
#2	.3282401
#3	.3287464

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.733	3912.261	73897.27	12027.96	4675.367
Stddev	8.890	14.346	402.13	136.43	15.815
%RSD	.2892241	.3666972	.5441708	1.134233	.3382724

#1	3075.555	3919.756	73836.60	12173.82	4676.250
#2	3081.572	3921.308	74326.29	12006.59	4690.722
#3	3064.074	3895.720	73528.93	11903.49	4659.128

Sample Name: J1614-19 Acquired: 2/23/2018 18:32:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0950675	-.002352	3.294058	-.046237	.0109035	108.2345
Stddev	.0015033	.002352	.046231	.003834	.0001856	.1382
%RSD	1.581288	99.97491	1.403452	8.292836	1.702183	.1276587

#1	.0959950	-.000566	3.296228	-.050268	.0111074	108.0784
#2	.0958745	-.005017	3.339165	-.045807	.0107444	108.2844
#3	.0933331	-.001475	3.246780	-.042636	.0108586	108.3409

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.55344	.0096564	.0008135	48.07125	.1785455	.1743141
Stddev	.21559	.0000851	.0001114	.09640	.0053622	.0029412
%RSD	1.000261	.8816040	13.69825	.2005319	3.003277	1.687286

#1	21.37904	.0095588	.0007970	48.17181	.1724074	.1738432
#2	21.79448	.0097152	.0009322	47.97964	.1823189	.1774623
#3	21.48680	.0096952	.0007112	48.06229	.1809102	.1716368

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3182769	250.3151	8.831683	20.14686	.1508344	-.017870
Stddev	.0039951	.2200	.019281	.12836	.0032667	.001120
%RSD	1.255229	.0878839	.2183185	.6371106	2.165773	6.269078

#1	.3228156	250.5507	8.827986	20.26628	.1511815	-.016785
#2	.3167225	250.1151	8.814519	20.01112	.1539136	-.017804
#3	.3152926	250.2794	8.852545	20.16320	.1474079	-.019023

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7888565	.3978787	4.216671	13.01379	7.181660	.4496753
Stddev	.0634618	.0054202	.130863	.11840	.065736	.0071680
%RSD	8.044787	1.362269	3.103459	.9098344	.9153262	1.594038

#1	.8382686	.3916329	4.091835	12.88499	7.155928	.4573678
#2	.7172865	.4013492	4.205352	13.03848	7.256369	.4431835
#3	.8110145	.4006540	4.352825	13.11791	7.132683	.4484744

Sample Name: J1614-19 Acquired: 2/23/2018 18:32:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110567	7.784128	3.603068	.0241670	1.173646	.0751007
Stddev	.0001500	.112789	.054896	.0009784	.005530	.0009135
%RSD	1.356773	1.448961	1.523593	4.048408	.4712019	1.216371

#1	.0110118	7.732663	3.548476	.0250110	1.168319	.0758186
#2	.0112240	7.913469	3.602465	.0243952	1.173260	.0754109
#3	.0109342	7.706251	3.658263	.0230946	1.179359	.0740724

Elem	Sr4077
Units	ppm
Avg	.3154923
Stddev	.0006555
%RSD	.2077758

#1	.3149180
#2	.3153526
#3	.3162064

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3284.514	4192.413	77680.47	12327.00	5375.315
Stddev	104.914	57.465	2151.36	55.36	67.947
%RSD	3.194211	1.370681	2.769499	.4491087	1.264054

#1	3390.500	4180.802	79936.58	12390.73	5373.883
#2	3282.337	4141.640	77452.87	12290.82	5308.095
#3	3180.705	4254.796	75651.95	12299.44	5443.967

Sample Name: J1614-20 Acquired: 2/23/2018 18:36:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0947765	.0018045	2.295110	-.041941	.0094244	123.4981	16.70016
Stddev	.0030278	.0018500	.014409	.002272	.0019173	.4087	.19015
%RSD	3.194702	102.5176	.6278257	5.416141	20.34370	.3309037	1.138583

#1	.0959552	-.000177	2.309450	-.039820	.0111558	123.7821	16.91261
#2	.0970377	.002104	2.295246	-.044338	.0097536	123.6826	16.64195
#3	.0913366	.003486	2.280633	-.041663	.0073639	123.0298	16.54592

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119241	-.002046	20.97491	.1614374	.1832727	.1383747	245.1635
Stddev	.0000633	.000106	.08285	.0010336	.0012080	.0034069	.5760
%RSD	.5312991	5.163683	.3949874	.6402285	.6591318	2.462104	.2349286

#1	.0118578	-.001943	21.00769	.1603563	.1845794	.1419219	244.7776
#2	.0119841	-.002041	21.03635	.1615399	.1830420	.1351280	244.8873
#3	.0119304	-.002154	20.88069	.1624158	.1821966	.1380743	245.8255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.46826	16.18596	.1336004	-.018061	.7294191	.3915102	1.270558
Stddev	.02021	.03960	.0004710	.000412	.0687971	.0078593	.007083
%RSD	.1620753	.2446591	.3525344	2.279245	9.431767	2.007424	.5574952

#1	12.45192	16.19923	.1339449	-.018042	.7693743	.3993789	1.276307
#2	12.46200	16.21723	.1330637	-.018482	.7689035	.3914911	1.262645
#3	12.49086	16.14143	.1337927	-.017659	.6499795	.3836604	1.272722

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.740851	3.234883	.4353932	.0092451	5.413519	2.268902	.0047298
Stddev	.067643	.017329	.0050001	.0003781	.032911	.011133	.0005752
%RSD	.7738764	.5356969	1.148409	4.090152	.6079327	.4906678	12.16056

#1	8.703283	3.242175	.4312884	.0093552	5.414150	2.276220	.0050063
#2	8.700330	3.247375	.4339294	.0088241	5.446110	2.274397	.0051145
#3	8.818941	3.215100	.4409619	.0095559	5.380298	2.256091	.0040686

Sample Name: J1614-20 Acquired: 2/23/2018 18:36:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6R2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8679478	.0778669	.2343096
Stddev	.0053177	.0006873	.0002236
%RSD	.6126705	.8826241	.0954492

#1	.8733984	.0771127	.2345578
#2	.8676711	.0784578	.2341238
#3	.8627739	.0780302	.2342471

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3288.089	4280.805	77299.53	12203.43	5286.178
Stddev	21.733	18.042	370.07	17.19	28.980
%RSD	.6609563	.4214667	.4787516	.1408800	.5482173

#1	3287.977	4261.132	77639.99	12222.70	5253.640
#2	3266.412	4284.707	76905.65	12189.64	5295.684
#3	3309.877	4296.577	77352.94	12197.97	5309.211

Sample Name: J1614-21 Acquired: 2/23/2018 18:41:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1197321	-.000990	13.26454	-.054609	.0126586	156.4305
Stddev	.0018451	.001462	.10883	.000431	.0013782	.4220
%RSD	1.541059	147.7308	.8204511	.7899760	10.88790	.2697779

#1	.1213069	-.001875	13.32797	-.054950	.0141195	156.4350
#2	.1201874	-.001793	13.13888	-.054124	.0113815	156.0062
#3	.1177019	.000698	13.32678	-.054751	.0124747	156.8502

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 33.62505	.0144874	-.001027	34.45114	.1679951	.2359548
Stddev	.44619	.0001287	.000107	.11017	.0007067	.0024968
%RSD	1.326961	.8885573	10.44318	.3197765	.4206549	1.058154

#1	33.10983	.0146159	-.000973	34.34166	.1674440	.2372782
#2	33.88338	.0144878	-.001151	34.44978	.1687918	.2330749
#3	33.88194	.0143585	-.000958	34.56198	.1677494	.2375113

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2902035	302.6958	14.89893	22.33797	.2337323	-.022166
Stddev	.0015842	.4892	.02761	.02136	.0014188	.000620
%RSD	.5458745	.1616003	.1852925	.0956264	.6070214	2.798838

#1	.2914361	302.2700	14.87043	22.34853	.2342390	-.022863
#2	.2907577	303.2301	14.92554	22.35199	.2321297	-.021960
#3	.2884167	302.5874	14.90081	22.31339	.2348282	-.021675

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9722190	.5303059	1.997157	16.12524	4.878886	.5345240
Stddev	.1219379	.0040847	.007779	.08525	.030665	.0019941
%RSD	12.54222	.7702448	.3894892	.5287002	.6285297	.3730683

#1	.8316124	.5311365	1.995577	16.13896	4.843640	.5350078
#2	1.048939	.5258698	2.005605	16.03396	4.893573	.5362317
#3	1.036105	.5339115	1.990291	16.20281	4.899446	.5323324

Sample Name: J1614-21 Acquired: 2/23/2018 18:41:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6R3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137124	6.875000	3.696928	.0071787	1.474465	.1059372
Stddev	.0001150	.025451	.016541	.0017395	.003185	.0013606
%RSD	.8385411	.3701974	.4474266	24.23153	.2160344	1.284300
#1	.0138213	6.874523	3.716024	.0064191	1.477608	.1063976
#2	.0137238	6.849791	3.687060	.0059482	1.474549	.1044062
#3	.0135922	6.900686	3.687700	.0091689	1.471239	.1070078

Elem	Sr4077
Units	ppm
Avg	.3143075
Stddev	.0004797
%RSD	.1526122
#1	.3144377
#2	.3137762
#3	.3147087

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3496.834	4532.016	82157.86	13054.35	5361.281
Stddev	30.783	34.080	489.20	35.45	38.541
%RSD	.8803061	.7519818	.5954436	.2715189	.7188837
#1	3497.011	4506.083	82165.98	13053.11	5333.955
#2	3465.963	4570.616	81664.65	13090.40	5405.364
#3	3527.528	4519.349	82642.95	13019.54	5344.523

Sample Name: PB106756BL Acquired: 2/23/2018 18:45:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004581	.0006351	.0001876	-.003502	-.001248	-.004068	.0005197
Stddev	.0018419	.0011365	.0008112	.001772	.000801	.009339	.0001481
%RSD	402.0342	178.9574	432.4878	50.58694	64.14739	229.5985	28.50073

#1	-.001227	-.000327	.0001101	-.001932	-.001493	-.011752	.0006903
#2	.002424	.000343	-.000582	-.005422	-.000354	.006327	.0004459
#3	.000177	.001889	.001035	-.003152	-.001898	-.006777	.0004230

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000225	-.000057	-.006124	-.000470	.0001074	.0019418	-.004444
Stddev	.0000515	.000044	.006818	.000270	.0001258	.0006427	.007153
%RSD	229.1772	77.28570	111.3447	57.49357	117.1298	33.09984	160.9855

#1	-.000031	-.000006	-.004790	-.000782	.0001519	.0026833	.002917
#2	.000027	-.000085	-.013510	-.000319	.0002049	.0015437	-.004878
#3	.000072	-.000080	-.000071	-.000309	-.000035	.0015984	-.011370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000457	-.000755	.0003395	-.000981	-.268604	.0004258	.0013552
Stddev	.000156	.009099	.0001947	.000453	.019983	.0009131	.0031190
%RSD	34.19241	1205.759	57.36512	46.13404	7.439508	214.4603	230.1551

#1	-.000356	.009746	.0001611	-.001432	-.251962	.0011130	.0031716
#2	-.000636	-.006331	.0003100	-.000527	-.263082	-.000610	.0031402
#3	-.000378	-.005679	.0005472	-.000984	-.290767	.000775	-.002246

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.282503	.0012817	-.004671	.0000002	.0149701	-.001440	-.000366
Stddev	.079554	.0012140	.001338	.0002141	.0031695	.000913	.000184
%RSD	28.16029	94.72106	28.64217	92627.88	21.17203	63.38902	50.39691

#1	-.372628	.0009472	-.005502	.0002217	.0177116	-.001727	-.000578
#2	-.252836	.0002700	-.003128	-.000015	.0156991	-.000418	-.000247
#3	-.222046	.0026279	-.005383	-.000206	.0114997	-.002176	-.000272

Sample Name: PB106756BL Acquired: 2/23/2018 18:45:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006394	.0020135	-.000012
Stddev	.0007684	.0014378	.000015
%RSD	120.1672	71.40621	130.4909

#1	.0014258	.0023002	-.000023
#2	.0006021	.0032864	-.000017
#3	-.000110	.0004540	.000005

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3144.282	3967.858	74201.66	11269.04	5851.877
Stddev	4.224	63.809	232.36	25.68	83.104
%RSD	.1343367	1.608138	.3131467	.2278994	1.420118

#1	3149.007	3894.179	74224.45	11286.64	5756.028
#2	3142.968	4004.462	74421.79	11280.91	5903.789
#3	3140.871	4004.933	73958.75	11239.57	5895.814

Sample Name: PB106756BS Acquired: 2/23/2018 18:49:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209418	.0542722	.0205633	.0665611	.1145896	.4087332
Stddev	.0011900	.0008048	.0006647	.0010766	.0015367	.0051728
%RSD	5.682274	1.482898	3.232454	1.617420	1.341032	1.265579

#1	.0203696	.0551269	.0212768	.0659460	.1138576	.4044198
#2	.0223098	.0535289	.0199615	.0678042	.1135558	.4144682
#3	.0201460	.0541609	.0204515	.0659332	.1163554	.4073117

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4233637	.0116111	.0105434	11.15461	.0223168	.1038781
Stddev	.0028397	.0000642	.0000380	.07784	.0003532	.0001875
%RSD	.6707561	.5531424	.3605908	.6978654	1.582888	.1805233

#1	.4201387	.0116852	.0105872	11.07208	.0226260	.1040631
#2	.4254896	.0115767	.0105249	11.22671	.0223926	.1038829
#3	.4244628	.0115714	.0105182	11.16505	.0219318	.1036882

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0549386	.2265234	.0323802	10.18786	.0815243	.0211776
Stddev	.0020962	.0045883	.0010132	.04433	.0001295	.0002833
%RSD	3.815550	2.025549	3.129054	.4351077	.1588583	1.337695

#1	.0527556	.2292056	.0316651	10.14698	.0813773	.0214395
#2	.0569357	.2291392	.0335396	10.18164	.0815745	.0212164
#3	.0551245	.2212254	.0319358	10.23498	.0816213	.0208769

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.99164	.1030253	.1246546	7.554322	F .0291097	F .0167731
Stddev	.05019	.0051263	.0076602	.060235	.0011333	.0007482
%RSD	.4566493	4.975773	6.145154	.7973607	3.893310	4.460795

#1	10.94040	.1001649	.1178964	7.530944	.0292278	.0176266
#2	10.99381	.1089435	.1230917	7.509281	.0279220	.0164624
#3	11.04072	.0999674	.1329758	7.622742	.0301794	.0162302

Sample Name: PB106756BS Acquired: 2/23/2018 18:49:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214317	.1834127	.2071462	F .0136702	.2192347	.1086763
Stddev	.0000668	.0023383	.0008588	.0002599	.0004143	.0010398
%RSD	.3118746	1.274875	.4145626	1.901269	.1889628	.9567674

#1	.0215047	.1826682	.2081127	.0136313	.2192676	.1075269
#2	.0214166	.1815373	.2068550	.0134319	.2188049	.1095516
#3	.0213736	.1860326	.2064709	.0139473	.2196315	.1089503

Elem	Sr4077
Units	ppm
Avg	.2155579
Stddev	.0006588
%RSD	.3056423

#1	.2149723
#2	.2154300
#3	.2162713

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3271.924	4209.412	76489.81	11651.21	6066.466
Stddev	9.364	5.140	186.27	39.89	14.695
%RSD	.2861866	.1221030	.2435213	.3424029	.2422308

#1	3275.978	4207.228	76398.26	11618.73	6052.392
#2	3278.577	4215.283	76704.14	11639.16	6081.712
#3	3261.216	4205.725	76367.03	11695.74	6065.294

Sample Name: J1618-01 Acquired: 2/23/2018 18:53:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6X8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1111877	-.004016	.5253498	-.018142	.0014654	46.89739	8.862402
Stddev	.0035637	.000371	.0032541	.003596	.0014816	.18631	.021274
%RSD	3.205130	9.225409	.6194113	19.81973	101.1052	.3972657	.2400493

#1	.1143489	-.004386	.5271518	-.020742	.0027968	46.68975	8.886902
#2	.1073256	-.004017	.5215934	-.019646	.0017300	46.95250	8.848605
#3	.1118887	-.003645	.5273043	-.014039	-.000131	47.04993	8.851699

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041839	.0009753	36.32927	.0941682	.0626113	.1034441	93.32164
Stddev	.0000665	.0000415	.06792	.0006907	.0007964	.0004029	.59569
%RSD	1.590116	4.252647	.1869437	.7335055	1.272019	.3894996	.6383157

#1	.0042108	.0009280	36.38424	.0949651	.0625944	.1036331	93.92671
#2	.0042328	.0010053	36.35022	.0937991	.0618234	.1037177	93.30242
#3	.0041081	.0009927	36.25334	.0937405	.0634160	.1029814	92.73580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.890934	13.14524	.0613166	-.007374	.1727163	.1646679	.6340402
Stddev	.015487	.12001	.0004899	.000237	.1718342	.0020471	.0187745
%RSD	.5357140	.9129632	.7990409	3.218235	99.48930	1.243184	2.961094

#1	2.891659	13.26723	.0607688	-.007106	-.023259	.1633455	.6124468
#2	2.906046	13.14117	.0614682	-.007559	.243829	.1670259	.6431705
#3	2.875097	13.02732	.0617128	-.007456	.297579	.1636323	.6465033

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.320008	1.845659	.1714357	.0045202	3.211187	6.724778	.0044161
Stddev	.091087	.027159	.0019126	.0001197	.039067	.054899	.0007822
%RSD	2.743565	1.471528	1.115620	2.647424	1.216606	.8163700	17.71233

#1	3.384121	1.831947	.1729166	.0044907	3.187301	6.677915	.0045909
#2	3.360158	1.828089	.1721141	.0044180	3.189989	6.785180	.0035613
#3	3.215744	1.876941	.1692764	.0046518	3.256272	6.711240	.0050961

Sample Name: J1618-01 Acquired: 2/23/2018 18:53:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6X8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9199082	.0422201	.1397939
Stddev	.0040614	.0009167	.0006695
%RSD	.4415032	2.171180	.4788905

#1	.9154180	.0412514	.1391947
#2	.9209813	.0430739	.1405165
#3	.9233254	.0423350	.1396707

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3183.532	4146.136	75173.62	11724.20	5620.104
Stddev	34.507	20.818	541.27	71.30	33.065
%RSD	1.083911	.5021172	.7200327	.6081258	.5883366

#1	3210.247	4134.408	75545.22	11767.09	5617.705
#2	3144.573	4170.173	74552.60	11641.89	5654.304
#3	3195.776	4133.828	75423.03	11763.60	5588.304

Sample Name: J1618-02 Acquired: 2/23/2018 18:57:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6X8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1072969	-.001639	.5228155	-.017252	.0040037	46.72651	8.848813
Stddev	.0042723	.000535	.0012110	.002996	.0020825	.07716	.021306
%RSD	3.981762	32.63140	.2316333	17.36534	52.01378	.1651256	.2407731

#1	.1036369	-.002179	.5216302	-.017092	.0031246	46.80299	8.869439
#2	.1062624	-.001627	.5227654	-.020326	.0025049	46.72784	8.850113
#3	.1119915	-.001110	.5240507	-.014340	.0063815	46.64869	8.826887

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041680	.0009830	35.85076	.0929740	.0626902	.1046195	92.94904
Stddev	.0000618	.0000539	.17050	.0006421	.0000955	.0032955	.24619
%RSD	1.483245	5.482966	.4755888	.6906763	.1523407	3.149951	.2648628

#1	.0042349	.0010402	35.95991	.0924140	.0627725	.1078349	92.80578
#2	.0041130	.0009332	35.93808	.0928330	.0627125	.1047741	93.23331
#3	.0041560	.0009755	35.65428	.0936749	.0625855	.1012494	92.80803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.870150	12.98374	.0614159	-.007442	.2930773	.1624030	.6212248
Stddev	.005197	.06452	.0005107	.000338	.0864795	.0015638	.0085088
%RSD	.1810855	.4969289	.8315827	4.538775	29.50740	.9628996	1.369673

#1	2.870568	13.00705	.0613413	-.007055	.2903155	.1642050	.6232055
#2	2.875127	13.03338	.0609466	-.007673	.2080118	.1614015	.6285685
#3	2.864757	12.91081	.0619599	-.007600	.3809047	.1616025	.6119004

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.268768	1.852592	.1709456	.0045543	3.243391	6.699489	.0039876
Stddev	.043434	.003862	.0021843	.0001968	.015931	.048593	.0003133
%RSD	1.328752	.2084801	1.277779	4.320620	.4911924	.7253210	7.856251

#1	3.280067	1.848144	.1700527	.0043322	3.232422	6.754304	.0039719
#2	3.220802	1.855096	.1734349	.0046238	3.236087	6.682463	.0043085
#3	3.305436	1.854537	.1693492	.0047069	3.261665	6.661700	.0036825

Sample Name: J1618-02 Acquired: 2/23/2018 18:57:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6X8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9192046	.0406866	.1390868
Stddev	.0072810	.0005893	.0002062
%RSD	.7920968	1.448265	.1482745

#1	.9245851	.0400227	.1391858
#2	.9221090	.0411477	.1392248
#3	.9109197	.0408893	.1388497

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3198.593	4138.756	75592.16	11785.38	5613.786
Stddev	19.407	13.789	65.89	33.47	11.046
%RSD	.6067488	.3331777	.0871604	.2840106	.1967718

#1	3207.352	4151.789	75553.88	11751.03	5623.468
#2	3176.350	4140.161	75554.37	11817.90	5616.136
#3	3212.078	4124.318	75668.24	11787.21	5601.753

Sample Name: J1618-03 Acquired: 2/23/2018 19:01:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6X8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1837860	.1062349	.5508962	.0852528	.2012362	50.60119	13.08705
Stddev	.0034954	.0016726	.0057167	.0007828	.0023481	.82243	.19932
%RSD	1.901863	1.574484	1.037707	.9181712	1.166856	1.625308	1.523029

#1	.1846797	.1066918	.5523257	.0855806	.2026347	51.54856	13.21659
#2	.1867477	.1076316	.5446005	.0843594	.1985253	50.07039	13.18702
#3	.1799305	.1043812	.5557625	.0858183	.2025487	50.18464	12.85753

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1122138	.1089375	35.47996	.4895410	1.175061	.6590110	94.32591
Stddev	.0027109	.0008930	.70384	.0016666	.006873	.0158000	1.97910
%RSD	2.415854	.8197518	1.983756	.3404368	.5849433	2.397531	2.098154

#1	.1153036	.1083710	36.29237	.4914472	1.174267	.6770877	96.61096
#2	.1111032	.1084746	35.05408	.4888168	1.168618	.6521095	93.21054
#3	.1102345	.1099670	35.09345	.4883592	1.182296	.6478360	93.15622

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.944230	12.89507	1.099983	.0989461	.2299417	1.241083	1.659481
Stddev	.085670	.25282	.009302	.0003783	.1653166	.021830	.008402
%RSD	2.172044	1.960562	.8456221	.3822821	71.89498	1.758976	.5063326

#1	4.043135	13.18647	1.097708	.0993524	.0487613	1.266227	1.656232
#2	3.893106	12.73415	1.092030	.0986041	.2684761	1.226963	1.669023
#3	3.896450	12.76459	1.110211	.0988819	.3725878	1.230060	1.653188

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.345974	1.808254	.1756635	.0045896	3.160866	6.887540	.0049502
Stddev	.176234	.014671	.0030032	.0001734	.019148	.142893	.0001292
%RSD	5.267052	.8113322	1.709653	3.777716	.6057710	2.074652	2.610439

#1	3.548057	1.792264	.1791249	.0047697	3.147458	7.050951	.0050161
#2	3.224190	1.811406	.1737493	.0045752	3.152344	6.825609	.0050332
#3	3.265674	1.821093	.1741163	.0044239	3.182795	6.786060	.0048013

Sample Name: J1618-03 Acquired: 2/23/2018 19:01:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6X8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9257490	.0429538	.1388258
Stddev	.0239172	.0002677	.0023911
%RSD	2.583548	.6231778	1.722352

#1	.9530550	.0432071	.1415799
#2	.9156760	.0429804	.1372802
#3	.9085159	.0426738	.1376173

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3206.819	4152.484	75684.49	11647.26	5639.060
Stddev	11.111	32.706	244.83	269.55	35.558
%RSD	.3464850	.7876131	.3234846	2.314290	.6305737

#1	3199.516	4153.859	75433.99	11336.14	5638.908
#2	3201.335	4184.480	75923.21	11794.92	5674.695
#3	3219.606	4119.113	75696.26	11810.72	5603.578

Sample Name: J1618-01LX5 Acquired: 2/23/2018 19:05:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6X8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243413	-.000767	.1131304	-.005922	.0004084	10.19153	1.905034
Stddev	.0032980	.001713	.0000667	.000339	.0007073	.04757	.002368
%RSD	13.54877	223.4598	.0589496	5.728658	173.1745	.4667650	.1243140

#1	.0266652	-.000553	.1130674	-.005539	-.000363	10.17315	1.907727
#2	.0205667	.000830	.1131235	-.006185	.001027	10.24554	1.903274
#3	.0257921	-.002577	.1132003	-.006042	.000561	10.15589	1.904102

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009504	.0001414	7.817170	.0257202	.0132840	.0233550	20.43413
Stddev	.0000573	.0000362	.038712	.0001919	.0003207	.0002566	.09930
%RSD	6.027654	25.62789	.4952216	.7459768	2.414294	1.098724	.4859695

#1	.0009965	.0001025	7.861171	.0256071	.0131795	.0233933	20.50464
#2	.0008863	.0001743	7.788347	.0256118	.0136439	.0230815	20.32057
#3	.0009685	.0001474	7.801991	.0259418	.0130285	.0235904	20.47719

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6330239	2.866283	.0167103	-.002662	-.112737	.0357837	.1371827
Stddev	.0055068	.009408	.0001195	.000199	.076305	.0015907	.0048437
%RSD	.8699193	.3282359	.7152138	7.485197	67.68398	4.445340	3.530845

#1	.6363268	2.877119	.0168071	-.002781	-.045817	.0358546	.1424634
#2	.6266668	2.860191	.0165767	-.002432	-.096562	.0373378	.1361383
#3	.6360780	2.861540	.0167472	-.002774	-.195834	.0341588	.1329464

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5811693	.3790609	.0331519	.0015991	.6832378	1.478725	.0007964
Stddev	.0345201	.0039404	.0010315	.0001590	.0013629	.006526	.0002042
%RSD	5.939775	1.039511	3.111328	9.942070	.1994828	.4413464	25.63622

#1	.6066400	.3834078	.0340247	.0016440	.6847353	1.475033	.0006853
#2	.5418807	.3780517	.0320137	.0014225	.6820698	1.474882	.0006719
#3	.5949872	.3757234	.0334175	.0017307	.6829082	1.486261	.0010320

Sample Name: J1618-01LX5 Acquired: 2/23/2018 19:05:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA6X8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2027601	.0123666	.0304624
Stddev	.0032185	.0008524	.0000787
%RSD	1.587336	6.892715	.2584898

#1	.2009422	.0118222	.0303795
#2	.2008619	.0133490	.0304714
#3	.2064762	.0119287	.0305362

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3057.443	3983.448	71751.90	11009.33	5681.892
Stddev	14.854	10.150	322.99	59.04	17.374
%RSD	.4858209	.2548160	.4501518	.5362763	.3057726

#1	3042.140	3973.250	71383.55	10996.82	5665.482
#2	3058.385	3993.550	71885.48	11073.62	5700.091
#3	3071.803	3983.545	71986.68	10957.55	5680.102

Sample Name: J1618-04 Acquired: 2/23/2018 19:09:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6X9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7869067	-.017059	.3810632	.1400745	.3878825	16.98870	.0628992
Stddev	.0055642	.002726	.0020643	.0009650	.0014190	.04336	.0002688
%RSD	.7070974	15.97892	.5417287	.6889410	.3658244	.2552417	.4273626

#1	.7869521	-.019777	.3794665	.1411887	.3869454	16.95732	.0626432
#2	.7813199	-.017074	.3833943	.1395272	.3895150	16.97061	.0631792
#3	.7924480	-.014326	.3803289	.1395075	.3871870	17.03818	.0628752

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2740195	.1776497	8.669299	.0254878	.3354279	.2816466	37.89759
Stddev	.0038750	.0007828	.030588	.0000905	.0015581	.0028228	.15950
%RSD	1.414147	.4406636	.3528291	.3550229	.4645057	1.002237	.4208630

#1	.2779411	.1783472	8.646403	.0255899	.3360926	.2797759	37.89671
#2	.2739246	.1777990	8.657458	.0254560	.3365434	.2802704	37.73853
#3	.2701928	.1768030	8.704038	.0254174	.3336477	.2848935	38.05752

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3720429	58.50119	.3436225	.0765005	43.33749	1.287579	.0672983
Stddev	.0016636	.24450	.0012314	.0007293	.17012	.002347	.0015696
%RSD	.4471528	.4179318	.3583425	.9533220	.3925467	.1822595	2.332376

#1	.3708970	58.48453	.3443577	.0766319	43.41324	1.287346	.0690357
#2	.3712805	58.26546	.3443089	.0771551	43.14265	1.290034	.0659824
#3	.3739510	58.75360	.3422010	.0757144	43.45658	1.285358	.0668768

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2416996	.1187335	.1254770	.0028193	.7442351	1.212296	.0019539
Stddev	.0290512	.0008160	.0009740	.0000570	.0043933	.027494	.0002424
%RSD	12.01956	.6872603	.7762694	2.022403	.5903088	2.267949	12.40313

#1	.2744771	.1181128	.1251909	.0028524	.7468865	1.240277	.0016818
#2	.2314920	.1196577	.1265621	.0027535	.7466549	1.211297	.0021465
#3	.2191299	.1184298	.1246781	.0028521	.7391639	1.185315	.0020335

Sample Name: J1618-04 Acquired: 2/23/2018 19:09:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA6X9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5573135	.0103879	.0231362
Stddev	.0026354	.0009845	.0000504
%RSD	.4728830	9.477047	.2176461

#1	.5556372	.0093485	.0231675
#2	.5603512	.0105089	.0230781
#3	.5559520	.0113063	.0231629

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3154.916	4057.355	73337.39	11327.23	5499.582
Stddev	25.384	5.274	344.71	62.95	17.834
%RSD	.8045954	.1299795	.4700309	.5557536	.3242796

#1	3170.482	4056.642	73574.68	11273.24	5494.029
#2	3125.623	4052.475	72941.99	11312.07	5485.185
#3	3168.641	4062.950	73495.50	11396.37	5519.532

Sample Name: CCV015 Acquired: 2/23/2018 19:13:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.720403	4.819402	23.41131	4.697397	4.771318	F 357.2589
Stddev	.021602	.032205	.06474	.020662	.017749	1.3774
%RSD	.4576256	.6682432	.2765470	.4398503	.3720032	.3855407

#1	4.710096	4.832958	23.38075	4.689324	4.767216	357.6531
#2	4.705885	4.782634	23.36751	4.681990	4.755979	355.7273
#3	4.745228	4.842613	23.48568	4.720876	4.790760	358.3961

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.550253	.4869016	2.387098	367.8515	14.08663	2.479394
Stddev	.009184	.0010428	.007802	.3686	.07222	.007319
%RSD	.0961609	.2141762	.3268544	.1002103	.5126930	.2952031

#1	9.559159	.4879958	2.383387	367.5289	14.05720	2.479889
#2	9.540815	.4859191	2.381845	367.7723	14.16892	2.471839
#3	9.550784	.4867899	2.396064	368.2533	14.03378	2.486453

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.49001	F 350.4252	13.68311	F 357.3795	2.251936	1.253013
Stddev	.04238	.0226	.01501	.5557	.012091	.006259
%RSD	.2925033	.0064577	.1097029	.1555015	.5369206	.4994946

#1	14.51112	350.4499	13.68780	356.9044	2.243829	1.248564
#2	14.44122	350.4201	13.66632	357.2435	2.246146	1.260169
#3	14.51770	350.4055	13.69522	357.9906	2.265833	1.250304

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	389.7386	2.291938	14.03699	157.1317	F 4.128859	5.467838
Stddev	.2590	.011734	.12140	.4357	.042225	.010978
%RSD	.0664572	.5119537	.8648351	.2772732	1.022668	.2007729

#1	389.9527	2.294445	13.90007	157.2012	4.122370	5.480136
#2	389.4507	2.279154	14.13147	156.6654	4.090254	5.459027
#3	389.8124	2.302216	14.07942	157.5284	4.173952	5.464351

Sample Name: CCV015 Acquired: 2/23/2018 19:13:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV015 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.614593	5.000345	4.951736	4.549652	5.029070	5.222561
Stddev	.022098	.029504	.010107	.018976	.036010	.012630
%RSD	.4788666	.5900364	.2041051	.4170813	.7160368	.2418281

#1	4.602640	5.002537	4.962880	4.534496	5.061475	5.231486
#2	4.601048	4.969806	4.943165	4.543526	4.990303	5.208110
#3	4.640093	5.028692	4.949162	4.570934	5.035433	5.228088

Elem	Sr4077
Units	ppm
Avg	4.922788
Stddev	.015491
%RSD	.3146801

#1	4.940506
#2	4.916057
#3	4.911802

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2591.623	3293.594	62589.40	10493.57	4277.168
Stddev	29.293	8.585	319.20	48.83	7.574
%RSD	1.130307	.2606430	.5099977	.4653625	.1770735

#1	2625.175	3289.812	62956.29	10486.00	4275.685
#2	2571.133	3303.420	62436.53	10545.75	4285.373
#3	2578.561	3287.549	62375.37	10448.97	4270.445

Sample Name: CCB015 Acquired: 2/23/2018 19:17:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB015 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005697	.0008329	.0001622	-.001478	-.001446	.0037716	.0010720
Stddev	.0010204	.0007514	.0013123	.001430	.000345	.0023159	.0002467
%RSD	179.0962	90.21346	808.9855	96.77751	23.87262	61.40504	23.01101

#1	.0015805	.0012697	.0016776	-.001331	-.001047	.0033080	.0007906
#2	.0005888	-.000035	-.000594	-.002976	-.001629	.0017225	.0012510
#3	-.000460	.001264	-.000597	-.000127	-.001660	.0062842	.0011744

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000106	-.000009	.0013175	-.000249	.0001217	.0001975	.0052188
Stddev	.0000501	.000039	.0025717	.000407	.0002672	.0014587	.0042002
%RSD	472.1396	428.0596	195.1930	163.2283	219.5180	738.5271	80.48137

#1	.0000663	.000034	.0001435	-.000682	-.000020	-.001309	.0039355
#2	-.000004	-.000042	.0042666	.000125	.000430	.001603	.0018100
#3	-.000031	-.000019	-.000458	-.000190	-.000044	.000299	.0099110

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000005	.0056000	.0002276	-.000986	-.250927	.0012501	-.002540
Stddev	.000376	.0253734	.0003441	.000080	.071474	.0015937	.001304
%RSD	6852.548	453.0974	151.1931	8.158671	28.48416	127.4873	51.35646

#1	-.000205	-.015935	-.000125	-.001039	-.286719	-.000302	-.001829
#2	.000429	-.000837	.000563	-.001025	-.168627	.002883	-.004045
#3	-.000240	.033572	.000244	-.000894	-.297433	.001169	-.001745

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.231788	.0019776	-.000429	.0002214	.0086768	-.001740	-.000170
Stddev	.044641	.0018739	.000583	.0001278	.0030044	.000656	.000305
%RSD	19.25951	94.75833	135.9896	57.73576	34.62500	37.68599	179.0048

#1	-.187466	-.000014	-.001094	.0002879	.0056879	-.002321	-.000442
#2	-.276742	.002239	-.000185	.0003022	.0086463	-.001869	.000160
#3	-.231155	.003707	-.000007	.0000740	.0116964	-.001029	-.000229

Sample Name: CCB015 Acquired: 2/23/2018 19:17:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v432) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB015 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000972	.0043974	.0000572
Stddev	.001288	.0003915	.0000249
%RSD	132.5226	8.902619	43.57334

#1	.000017	.0039479	.0000857
#2	-.002428	.0046634	.0000459
#3	-.000504	.0045811	.0000399

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3132.698	3964.697	73009.59	10903.52	5838.081
Stddev	13.621	7.199	107.49	24.28	8.984
%RSD	.4348116	.1815677	.1472314	.2227058	.1538796

#1	3119.360	3959.613	72892.97	10889.84	5827.765
#2	3132.148	3961.543	73104.70	10889.17	5844.184
#3	3146.586	3972.934	73031.09	10931.56	5842.293