

START: 9/9/2017 17:00

ER/RRES-WQH	DATE RECEIVED	EDD sent	SAMPLE ID	Location	Date/Time	days
2017-2684	05-Sep-17	25-Jan-18	TRR-28-17-142553	R-28	9/2/17 14:35	
2017-2684	05-Sep-17	25-Jan-18	TRR-28-17-142554	R-28	9/2/17 18:30	
2017-2684	05-Sep-17	25-Jan-18	TRR-28-17-142555	R-28	9/3/17 12:35	
2017-2684	05-Sep-17	25-Jan-18	TRR-28-17-142556	R-28	9/3/17 18:30	
2017-2744	11-Sep-17	22-Dec-17	TRR-28-17-142557	R-28 Water Tank 6-5	9/9/17 7:30	
2017-2744	11-Sep-17	22-Dec-17	TRR-28-17-142558	R-28 Water Tank 6-6	9/9/17 7:45	
2017-2744	11-Sep-17	22-Dec-17	TRR-28-17-142559	R-28 Molasses Tank 1	9/9/17 8:12	
2017-2744	11-Sep-17	22-Dec-17	TRR-28-17-142560	R-28 Molasses Tank 2	9/9/17 8:45	
2017-2744	11-Sep-17	22-Dec-17	TRR-28-17-142561	R-28 Molasses Tank 3	9/9/17 9:15	
2017-2744	11-Sep-17	22-Dec-17	TRR-28-17-142562	R-28 Molasses Tank 4	9/9/17 9:45	
2017-2744	11-Sep-17	22-Dec-17	TRR-28-17-142563	R-28 Chase Water	9/9/17 10:00	
2017-2744	11-Sep-17	22-Dec-17	TRR-28-17-142564	R-28 Molasses Tank 5	9/9/17 10:16	
2017-2744	11-Sep-17	22-Dec-17	TRR-28-17-142565	R-28 Molasses Tank 6	9/9/17 10:48	
2017-2744	11-Sep-17	22-Dec-17	TRR-28-17-142566	R-28 Molasses Tank 7	9/9/17 11:18	
2017-2744	11-Sep-17	22-Dec-17	TRR-28-17-142567	R-28 Molasses Tank 8	9/9/17 11:46	
2017-2744	11-Sep-17	22-Dec-17	TRR-28-17-142568	R-28 Molasses Tank 9	9/9/17 12:18	
2017-2744	11-Sep-17	22-Dec-17	TRR-28-17-142569	R-28 Molasses Tank 10	9/9/17 12:51	
2017-2744	11-Sep-17	22-Dec-17	TRR-28-17-142570	R-28 Molasses Tank 11	9/9/17 13:22	
2017-2744	11-Sep-17	22-Dec-17	TRR-28-17-142571	R-28 Molasses Tank 12	9/9/17 13:55	
2017-2744	11-Sep-17	22-Dec-17	TRR-28-17-142572	R-28 Molasses Tank 13	9/9/17 14:25	
2017-2744	11-Sep-17	22-Dec-17	TRR-28-17-142573	R-28 Molasses Tank 14	9/9/17 14:50	
2017-2747	11-Sep-17	29-Jan-18	TRR-28-17-142574	R-28 Molasses Tank 15	9/9/17 15:20	
2017-2747	11-Sep-17	29-Jan-18	TRR-28-17-142575	R-28 Molasses Tank 16	9/9/17 15:55	
2017-2747	11-Sep-17	29-Jan-18	TRR-28-17-142576	R-28 Molasses Tank 17	9/9/17 16:25	
2017-2747	11-Sep-17	29-Jan-18	TRR-28-17-142577	R-28 Molasses Tank 18	9/9/17 17:05	
2017-2747	11-Sep-17	29-Jan-18	TRR-28-17-142578	R-28 Molasses Tank 19	9/9/17 17:35	
2017-2747	11-Sep-17	29-Jan-18	TRR-28-17-142579	R-28 Molasses Tank 20	9/9/17 18:00	
2017-2753	12-Sep-17	24-Jan-18	TRR-28-17-142580	R-28	9/12/17 10:20	2.72
2017-2763	13-Sep-17	29-Jan-18	TRR-28-17-142581	R-28	9/13/17 10:20	3.72
2017-2782	14-Sep-17	31-Oct-17	TRR-28-17-142582	R-28	9/14/17 10:05	4.71
2017-2813	15-Sep-17	31-Oct-17	TRR-28-17-142583	R-28	9/15/17 10:45	5.74
2017-2835	18-Sep-17	24-Jan-18	TRR-28-17-142584	R-28	9/16/17 11:00	6.75
2017-2835	18-Sep-17	24-Jan-18	TRR-28-17-142585	R-28	9/17/17 14:30	7.90
2017-2835	18-Sep-17	24-Jan-18	TRR-28-17-142586	R-28	9/18/17 11:55	8.79
2017-2845	19-Sep-17	31-Oct-17	TRR-28-17-142587	R-28	9/19/17 10:45	9.74
2017-2861	20-Sep-17	31-Oct-17	TRR-28-17-142588	R-28	9/20/17 10:50	10.74
2017-2877	21-Sep-17	24-Jan-18	TRR-28-17-142589	R-28	9/21/17 10:15	11.72
2017-2887	22-Sep-17	31-Oct-17	TRR-28-17-142590	R-28	9/22/17 10:45	12.74
2017-2893	25-Sep-17	24-Jan-18	TRR-28-17-142591	R-28	9/25/17 11:00	15.75
2017-2904	26-Sep-17	24-Jan-18	TRR-28-17-142592	R-28	9/26/17 11:05	16.75

Al(ppm)	stdev (Al)	B(ppm)	stdev (B)	Ba(ppm)	stdev (Ba)
0		0		0.07301	0.00031
0		0		0.071224	0.000165
0		0		0.070895	0.000392
0		0		0.070003	0.000245
0		0		0.078625	0.001528
0		0		0.079641	0.000312
0		0		0.17733	0.001687
0		0		0.1774	0.003745
0		0		0.14706	0.004344
0		0		0.1739	0.002326
0		0		0.036494	0.000145
0		0		0.15569	0.003399
0		0		0.1925	0.001153
0		0		0.17503	0.003588
0		0		0.16442	0.000232
0		0		0.1698	0.00621
0		0		0.17004	0.003535
0		0		0.17885	0.002744
0		0		0.24749	0.001281
0		0		0.2169	0.001551
0.20158	0.009767	0		0.26321	0.001512
0.30476	0.02517	0		0.31682	0.000595
0		0		0.34477	0.004082
0.1577	0.007072	0		0.32194	0.001753
0		0		0.45697	0.005544
0		0		0.39793	0.007741
0.51103	0.046747	0		0.35841	0.003133
0.87965	0.006789	0		0.46064	0.000588
1.8545	0.053169	0		0.39064	0.000683
0.72149	0.055139	0		0.28263	0.000579
1.1142	0.031062	0		0.29228	0.009502
1.1381	0.014235	0		0.27303	0.00066
1.2486	0.040631	0		0.63803	0.00013
2.5308	0.027367	0		0.39736	0.000375
1.9609	0.070194	0		0.32336	0.003544
2.1556	0.039783	0		0.34536	0.00466
2.0773	0.029218	0		0.6051	0.001113
2.1688	0.075587	0		0.94035	0.004726
1.8198	0.002325	0		0.62656	0.005041
1.5518	0.001814	0		0.68774	0.003614

START: 9/9/2017 17:00

ER/RRES-WQH	DATE RECEIVED	EDD sent	SAMPLE ID	Location	Date/Time	days	Al(ppm)	stdev (Al)	B(ppm)	stdev (B)	Ba(ppm)	stdev (Ba)
2017-2920	27-Sep-17	24-Jan-18	TRR-28-17-142593	R-28	9/27/17 9:50	17.70	1.5235	0.219367	0		0.46871	0.002845
2017-2949	28-Sep-17	30-Nov-17	TRR-28-17-142594	R-28	9/28/17 10:45	18.74	1.337	0.002463	0		0.59286	0.004007
2017-3004	02-Oct-17	30-Nov-17	TRR-28-17-142595	R-28	9/29/17 15:15	19.93	1.299	0.063708	0		0.72245	0.000936
2018-54	02-Oct-17	30-Nov-17	TRR-28-17-142596	R-28	10/2/17 11:00	22.75	1.3827	0.055458	0		0.83887	0.01381
2018-99	03-Oct-17	24-Jan-18	TRR-28-17-142597	R-28	10/3/17 10:00	23.71	1.1893	0.024553	0		0.82305	0.004342
2018-174	04-Oct-17	24-Jan-18	TRR-28-17-142598	R-28	10/4/17 10:00	24.71	1.0899	0.053246	0		0.80271	0.004055
2018-221	05-Oct-17	30-Nov-17	TRR-28-17-142599	R-28	10/5/17 10:15	25.72	1.2723	0.001603	0		0.80789	0.006747
2018-271	10-Oct-17	30-Nov-17	TRR-28-17-142600	R-28	10/6/17 14:30	26.90	1.3455	0.010857	0		0.8467	0.000418
2018-302	10-Oct-17	24-Jan-18	TRR-28-17-142601	R-28	10/10/17 9:45	30.70	1.1844	0.067069	0		1.0566	0.007363
2018-370	11-Oct-17	30-Nov-17	TRR-28-17-142602	R-28	10/11/17 10:45	31.74	1.4341	0.035512	0		0.88436	0.002664
2018-424	12-Oct-17	30-Nov-17	TRR-28-17-142603	R-28	10/12/17 10:30	32.73	1.4321	0.01634	0		0.85298	0.001257
2018-463	16-Oct-17	30-Nov-17	TRR-28-17-142604	R-28	10/13/17 15:00	33.92	1.4614	0.03787	0		0.85885	0.000603
2018-480	16-Oct-17	30-Nov-17	TRR-28-17-142605	R-28	10/16/17 11:35	36.77	1.8864	0.007979	0		0.99304	0.006166
2018-491	17-Oct-17	30-Nov-17	TRR-28-17-142606	R-28	10/17/17 9:35	37.69	1.9512	0.018839	0		1.0923	0.001334
2018-504	18-Oct-17	30-Nov-17	TRR-28-17-142607	R-28	10/18/17 9:55	38.70	1.6052	0.033392	0		0.93543	0.005123
2018-532	19-Oct-17	30-Nov-17	TRR-28-17-142608	R-28	10/19/17 11:10	39.76	1.3512	0.00661	0		0.82978	0.001452
2018-542	20-Oct-17	30-Nov-17	TRR-28-17-142609	R-28	10/20/17 9:45	40.70	1.4756	0.011281	0		0.86091	0.004212
2018-553	23-Oct-17	24-Jan-18	TRR-28-17-142610	R-28	10/23/17 10:15	43.72	1.5614	0.030141	0		0.70645	0.005398
2018-562	24-Oct-17	24-Jan-18	TRR-28-17-142611	R-28	10/24/17 10:20	44.72	1.5974	0.013097	0		0.67233	0.005153
2018-572	25-Oct-17	24-Jan-18	TRR-28-17-142612	R-28	10/25/17 11:15	45.76	1.5653	0.041458	0		0.64223	0.004411
2018-590	26-Oct-17	24-Jan-18	TRR-28-17-142613	R-28	10/26/17 10:44	46.74	1.5017	0.016034	0		0.62974	0.009834
2018-600	27-Oct-17	24-Jan-18	TRR-28-17-142614	R-28	10/27/17 10:30	47.73	1.593	0.0389	0		0.65867	0.002842
2018-627	30-Oct-17	24-Jan-18	TRR-28-17-142615	R-28	10/30/17 10:35	50.73	1.4436	0.030661	0		0.56652	0.000226
2018-645	31-Oct-17	24-Jan-18	TRR-28-17-142616	R-28	10/31/17 10:05	51.71	1.4702	0.075323	0		0.54956	0.005236
2018-669	01-Nov-17	24-Jan-18	TRR-28-17-142617	R-28	11/1/17 10:10	52.72	1.4644	0.090992	0		0.79693	0.004363
2018-694	02-Nov-17	24-Jan-18	TRR-28-17-142618	R-28	11/2/17 10:50	53.74	1.4947	0.045771	0		0.77381	0.002252
2018-705	03-Nov-17	24-Jan-18	TRR-28-17-142619	R-28	11/3/17 10:20	54.72	1.3816	0.029821	0		0.70837	0.004111
2018-717	06-Nov-17	24-Jan-18	TRR-28-17-142620	R-28	11/6/17 9:45	57.70	1.3161	0.083309	0		0.69619	0.003472
2018-755	07-Nov-17	24-Jan-18	TRR-28-17-142621	R-28	11/7/17 10:00	58.71	1.2855	0.002337	0		0.69756	0.011625
2018-802	08-Nov-17	24-Jan-18	TRR-28-17-142622	R-28	11/8/17 10:45	59.74	1.3874	0.02308	0		0.70329	0.007595
2018-836	09-Nov-17	31-Jan-18	TRR-28-17-142623	R-28	11/9/17 8:45	60.66	1.2956	0.10338	0		0.61416	0.011173
2018-866	13-Nov-17	29-Jan-18	TRR-28-17-142624	R-28	11/13/17 10:00	64.71	1.2898	0.006127	0		0.64649	0.007545
2018-899	14-Nov-17	29-Jan-18	TRR-28-17-142625	R-28	11/14/17 10:10	65.72	0.98502	0.021402	0		0.60932	0.002037
2018-910	15-Nov-17	29-Jan-18	TRR-28-17-142626	R-28	11/15/17 10:35	66.73	0.98915	0.03098	0		0.54265	5.79E-05
2018-939	16-Nov-17	29-Jan-18	TRR-28-17-142627	R-28	11/16/17 10:20	67.72	1.0423	0.004415	0		0.58099	0.003157
2018-952	17-Nov-17	24-Jan-18	TRR-28-17-130087	R-28	11/17/17 10:40	68.74	1.0392	0.020247	0		0.49713	0.006892

START: 9/9/2017 17:00

ER/RRES-WQH	DATE RECEIVED	EDD sent	SAMPLE ID	Location	Date/Time	days	Al(ppm)	stdev (Al)	B(ppm)	stdev (B)	Ba(ppm)	stdev (Ba)
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150063	R-28	11/20/17 9:40	71.69	0.92025	0.026783	0		0.5374	8.1E-05
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150064	R-28	11/20/17 10:00	71.71	0.59622	0.036194	0		0.47606	0.00187
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150065	R-28	11/20/17 10:20	71.72	0.53831	0.044259	0		0.49573	0.009785
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150066	R-28	11/20/17 10:40	71.74	0.4603	0.126356	0		0.45328	0.000757
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150067	R-28	11/20/17 11:00	71.75	0.52626	0.005348	0		0.44976	0.015002
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150068	R-28	11/20/17 11:20	71.76	0.41706	0.095627	0		0.46406	0.001099
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150069	R-28	11/20/17 11:40	71.78	0.52058	0.004251	0		0.45843	0.000903
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150070	R-28	11/20/17 12:00	71.79	0.44041	0.055301	0		0.47202	0.003894
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150071	R-28	11/20/17 12:20	71.81	0.50557	0.004302	0		0.46461	0.000389
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150072	R-28	11/20/17 12:40	71.82	0.57875	0.04046	0		0.47887	0.000109
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150073	R-28	11/20/17 13:00	71.83	0.57358	0.01611	0		0.50082	0.000257
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150074	R-28	11/20/17 13:20	71.85	0.45428	0.11281	0		0.43238	0.003103
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150075	R-28	11/20/17 13:40	71.86	0.50078	0.017763	0		0.62944	0.005573
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150076	R-28	11/20/17 14:00	71.88	0.48366	0.024154	0		0.62444	0.001531
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150077	R-28	11/20/17 14:20	71.89	0.50653	0.002687	0		0.63441	0.002379
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150078	R-28	11/20/17 14:40	71.90	0.48766	0.013645	0		0.64347	0.00583
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150079	R-28	11/20/17 15:00	71.92	0.48856	0.014515	0		0.64179	0.001528
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150080	R-28	11/20/17 15:20	71.93	0.49974	0.030982	0		0.62614	0.002047
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150081	R-28	11/20/17 15:40	71.94	0.66183	0.000301	0		0.64503	0.008538
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150082	R-28	11/20/17 16:00	71.96	0.48873	0.07201	0		0.68433	0.000735
2018-1063	21-Nov-17	31-Jan-18	TRR-28-18-150083	R-28	11/20/17 16:20	71.97	0.55469	0.035394	0		0.69821	0.003754
2018-1084	21-Nov-17	24-Jan-18	TRR-28-17-130082	R-28	11/21/17 10:55	72.75	0.42295	0.038347	0		0.51855	0.004458
2018-1027	22-Nov-17	24-Jan-18	TRR-28-17-130083	R-28	11/22/17 10:00	73.71	0.43968	0.025801	0		0.53652	0.006013
2018-1042	27-Nov-17		TRR-28-17-130084	R-28	11/27/17 13:35	78.86	0.4466	0.043336	0		0.53775	0.00348
2018-1064	28-Nov-17	24-Jan-18	TRR-28-17-130085	R-28	11/28/17 10:45	79.74	0.39422	0.00863	0		0.59565	0.003699
2018-1133	30-Nov-17		TRR-28-17-130086	R-28	11/30/17 10:40	81.74	0.34693	0.025021	0		0.57337	0.001052
2018-1157	04-Dec-17	29-Jan-18	TRR-28-17-130088	R-28	12/4/17 13:33	85.86	0.17993	0.080458	0		0.46737	0.009986
2018-1216	11-Dec-17	29-Jan-18	TRR-28-17-130089	R-28	12/8/17 14:10	89.88	0.19222	0.03303	0		0.39559	0.001777
2018-1234	11-Dec-17	29-Jan-18	TRR-28-17-130090	R-28	12/11/17 13:40	92.86	0		0		0.41003	0.010668
2018-1283	15-Dec-17	29-Jan-18	TRR-28-17-130091	R-28	12/14/17 14:00	95.88	0.19868	0.083956	0		0.47347	0.007846
2018-1357	21-Dec-17		TRR-28-17-130092	R-28	12/21/17 14:00	102.88	0		0		0.40976	0.002412
2018-1389	05-Jan-18		TRR-28-17-130093	R-28	1/5/18 12:15	117.80	0		0		0.37326	0.005211
2018-1396	08-Jan-18		TRR-28-17-130094	R-28	1/8/18 14:10	120.88	0		0		0.32124	0.003009
2018-1434	11-Jan-18		TRR-28-17-130095	R-28	1/11/18 13:10	123.84	0		0		0.29046	0.021777
2018-1472	17-Jan-18		TRR-28-17-130096	R-28	1/16/18 16:00	128.96	0		0		0.50727	0.009769
2018-1510	19-Jan-18		TRR-28-17-130097	R-28	1/18/18 15:30	130.94	0		0		0.52073	0.000717
2018-1531	22-Jan-18		TRR-28-17-130098	R-28	1/22/18 14:45	134.91	0		0		0.49902	0.013074

START: 9/9/2017 17:00

ER/RRES-WQH	DATE RECEIVED	EDD sent	SAMPLE ID	Location	Date/Time	days	Al(ppm)	stdev (Al)	B(ppm)	stdev (B)	Ba(ppm)	stdev (Ba)
2018-1568	25-Jan-18		TRR-28-18-149098	R-28	1/25/18 14:50	137.91	0		0		0.53745	0.003219
2018-1584	31-Jan-18		TRR-28-18-149099	R-28	1/30/18 14:52	142.91	0		0		0.6213	0.003416
2018-1604	01-Feb-18		TRR-28-18-149100	R-28	2/1/18 14:50	144.91	0		0		0.56957	0.016565
2018-1617	07-Feb-18		TRR-28-18-149101	R-28	2/6/18 16:25	149.98	0.23349	0.031499	0		0.66171	0.00138
2018-1665	08-Feb-18		TRR-28-18-149102	R-28	2/8/18 15:15	151.93	0		0		0.6414	0.001455
2018-1707	13-Feb-18		TRR-28-18-149103	R-28	2/13/18 12:40	156.82	0		0		0.45808	0.008066
2018-1756	15-Feb-18		TRR-28-18-151533	R-28	2/15/18 12:50	158.83	0		0		0.28571	0.001923
2018-1783	20-Feb-18		TRR-28-18-151534	R-28	2/20/18 13:00	163.83	0		0		0.21336	0.005615
2018-1982	27-Feb-18		TRR-28-18-151535	R-28	2/27/18 12:10	170.80	0		0		0.19881	0.003839
2018-2030	01-Mar-18		TRR-28-18-151536	R-28	3/1/18 11:45	172.78	0		0		0.28244	0.002424
2018-2081	06-Mar-18		TRR-28-18-151537	R-28	3/6/18 12:10	177.80	0		0		0.30241	0.00493
2018-2127	08-Mar-18		TRR-28-18-151538	R-28	3/8/18 11:49	179.78	0		0		0.47853	0.004862
2018-2156	13-Mar-18		TRR-28-18-151539	R-28	3/13/18 11:40	184.78	0		0		0.44638	0.001169
2018-2187	15-Mar-18		TRR-28-18-151540	R-28	3/15/18 11:55	186.79	0.19692	0.053926	0		0.52479	0.00302
2018-2203	20-Mar-18		TRR-28-18-151541	R-28	3/20/18 12:10	191.80	0		0		0.44658	0.006588
2018-2218	22-Mar-18		TRR-28-18-151542	R-28	3/22/18 10:25	193.73	0		0		0.54182	0.006154
2018-2228	27-Mar-18		TRR-28-18-151543	R-28	3/27/18 10:35	198.73	0		0		0.55748	0.002263
2018-2239	29-Mar-18		TRR-28-18-151544	R-28	3/29/18 10:30	200.73	0.31142	0.101658	0		0.51778	0.003288
2018-2251	03-Apr-18		TRR-28-18-151545	R-28	4/3/18 9:45	205.70	0		0		0.54117	0.000602
2018-2314	05-Apr-18		TRR-28-18-151546	R-28	4/5/18 9:50	207.70	0		0		0.53322	0.001546
2018-2364	10-Apr-18		TRR-28-18-151547	R-28	4/10/18 11:00	212.75	0		0		0.47435	0.001252
2018-2410	12-Apr-18		TRR-28-18-151548	R-28	4/12/18 10:15	214.72	0		0		0.43296	0.003851
2018-2439	17-Apr-18		TRR-28-18-151549	R-28	4/17/18 10:55	219.75	0		0		0.46018	0.002048
2018-2470	19-Apr-18		TRR-28-18-151550	R-28	4/19/18 10:23	221.72	0		0		0.74899	0.009031
N3B-2018-42	18-Jun-18		TRR-28-18-199	R-28	6/13/18 10:39	276.74	0		0		1.0573	0.002793
N3B-2018-53	18-Jun-18		TRR-28-18-200	R-28	6/15/18 9:35	278.69	0		0		0.93601	0.001908
N3B-2018-2713	18-Jun-18		TRR-28-18-202	R-28	6/18/18 10:41	281.74	0		0		1.11	0.001622
N3B-2018-2776	21-Jun-18		TRR-28-18-201	R-28	6/20/18 9:48		0		0		0.8607	0.006423
N3B-2018-2805	26-Jun-18		TRR-28-18-203	R-28	6/25/18 10:54		0		0		0.85079	0.008744
N3B-2018-2825	02-Jul-18		TRR-28-18-205	R-28	6/28/18 10:33		0		0		0.82555	0.00902
N3B-2018-2831	03-Jul-18		TRR-28-18-206	R-28	7/2/18 10:48		0		0		0.69205	0.000253
N3B-2018-2848	06-Jul-18		TRR-28-18-208	R-28	7/6/18 9:06		0		0		0.71875	0.001619
N3B-2018-2874	10-Jul-18		TRR-28-18-209	R-28	7/9/18 13:46		0		0		0.5128	0.015416
N3B-2018-2906	12-Jul-18		TRR-28-18-210	R-28	7/12/18 9:35		0		0		0.61159	0.009904
N3B-2018-2942	16-Jul-18		TRR-28-18-211	R-28	7/16/18 11:06		0		0		0.48295	0.009224
N3B-2018-3130	20-Jul-18		TRR-28-18-212	R-28	7/19/18 9:30		0.19387	0.009214	0		0.52836	0.003631
N3B-2018-3144	23-Jul-18		TRR-28-18-213	R-28	7/23/18 10:35		0		0		0.46522	0.000842
N3B-2018-3221	26-Jul-18		TRR-28-18-214	R-28	7/26/18 9:39		0		0		0.27682	0.012786
N3B-2018-3253	30-Jul-18		TRR-28-18-207	R-28	7/30/18 10:46		0		0		0.34027	0.001579
N3B-2018-3296	02-Aug-18		TRR-28-18-204	R-28	8/2/18 9:08		0		0		0.32299	0.002242

START: 9/9/2017 17:00

ER/RRES-WQH	DATE RECEIVED	EDD sent	SAMPLE ID	Location	Date/Time	days
N3B-2018-3335	06-Aug-18		TRR-28-18-160619	R-28	8/6/18 13:47	
N3B-2018-3408	09-Aug-18		TRR-28-18-160620	R-28	8/9/18 9:47	
N3B-2018-3588	14-Aug-18		TRR-28-18-160622	R-28	8/13/18 10:11	
N3B-2018-3459	21-Aug-18		TRR-28-18-160621	R-28	8/13/18 10:40	
N3B-2018-3625	22-Aug-18		TRR-28-18-160623	R-28	8/20/18 10:24	
N3B-2018-3645	23-Aug-18		TRR-28-18-160624	R-28	8/23/18 9:50	
N3B-2018-3666	28-Aug-18		TRR-28-18-160625	R-28	8/27/18 11:33	
N3B-2018-3699	31-Aug-18		TRR-28-18-160626	R-28	8/30/18 9:33	
N3B-2018-3724	05-Sep-18		TRR-28-18-160627	R-28	9/4/18 10:33	
N3B-2018-3769	06-Sep-18		TRR-28-18-160628	R-28	9/6/18 9:52	

Al(ppm)	stdev (Al)	B(ppm)	stdev (B)	Ba(ppm)	stdev (Ba)
0		0		0.31852	0.011498
0		0		0.31583	0.024817
0		0		0.31091	0.003867
0		0		0.32541	0.001392
0		0		0.33618	0.000939
0		0		0.3931	0.012774
0		0		0.36866	0.001969
0		0		0.36961	0.006527
0		0		0.39521	0.009384
0		0		0.3798	0.001889

Ca(ppm)	stdev (Ca)	Fe(ppm)	stdev (Fe)	K(ppm)	stdev (K)	Li(ppm)	stdev (Li)	Mg(ppm)	stdev (Mg)	Mn(ppm)	stdev (Mn)	Na(ppm)	stdev (Na)	Si(ppm)	stdev (Si)	SiO2(ppm)	stdev (SiO2)	Sr(ppm)	stdev (Sr)	Ti(ppm)
47.475	0.122564	0.077418	0.000912	2.0448	0.039726	0.0411	7.38E-05	12.708	0.158266	0.005273	3.68E-05	16.655	0.005226	36.72599	0.080631	78.551	0.172551	0.18707	0.000573	0
46.582	0.786098	0.02595	0.00017	1.9626	0.003029	0.039958	3.77E-05	12.47	0.050903	0.004311	5.49E-05	16.473	0.255556	35.69038	0.034042	76.336	0.072851	0.18314	0.000477	0
46.361	0.190571	0.033441	0.000386	1.9621	0.006184	0.039629	0.000192	12.314	0.07782	0.004832	9.69E-05	16.415	0.080442	35.51599	0.153254	75.963	0.327964	0.18424	0.002012	0
45.634	0.050517	0.012907	2.83E-06	1.9037	0.013243	0.038793	9.8E-05	12.07	0.08504	0.00462	6.01E-05	16.106	0.107555	35.17609	0.168471	75.236	0.360528	0.17622	0.00279	0
43.702	0.285833	0.039259	0.000589	0		0.029003	0.001144	12.214	0.153008	0.008602	0.000412	15.607	0.005932	35.22565	0.30996	75.342	0.663315	0.16863	0.001518	0
46.627	0.018748	0.022587	0.001788	0		0.02342	6.66E-06	12.836	0.058869	0.009092	9.38E-05	15.461	0.043057	34.87966	0.119388	74.602	0.255491	0.17744	0.000316	0
282.070	1.700484	2.5356	0.029641	1842.8	23.59922	0.15208	0.002336	123.91	1.390755	0.49415	0.006159	181.53	1.128345	36.90553	0.409983	78.935	0.877364	1.2919	0.017276	0
263.840	0.786273	3.6516	0.000196	1899.7	5.348192	0.11332	0.006294	124.6	0.207858	0.55572	0.00419	187.81	1.648472	39.67525	0.118996	84.859	0.254651	1.305	0.000251	0
213.450	0.557987	2.8031	0.011252	1441.5	18.54615	0.087589	0.004518	96.241	0.406745	0.42445	0.002482	148.84	0.169961	37.98742	0.167868	81.249	0.359238	1.0347	0.008876	0
255.790	0.126749	3.2433	0.013375	1787.5	6.228059	0.086731	0.026316	116.9	1.3429	0.52472	0.002276	174.17	1.090512	39.05997	0.148729	83.543	0.31828	1.2354	0.004698	0
18.271	0.014528	2.1349	0.008914	2.1802	0.018399	0.026252	0.000673	3.9074	0.00338	0.073389	0.000338	14.804	0.09895	43.0411	0.188503	92.058	0.403397	0.079172	0.000173	0
222.180	2.663731	2.7223	0.011497	1517.8	16.83405	0.097687	7.91E-06	101.16	0.458421	0.44238	0.002883	153.3	2.658132	35.00497	0.424471	74.87	0.908368	1.0728	0.006929	0
264.030	0.093319	3.2019	0.008903	1843.6	1.988244	0.096146	0.015713	121.18	1.106497	0.53538	0.001593	180.69	0.806021	34.06287	0.374828	72.855	0.802132	1.2873	0.002235	0
265.260	0.170913	3.2384	0.003022	1853.3	6.40016	0.09875	0.014105	122.45	0.297292	0.54233	1.1E-06	182.8	0.282944	34.81561	0.249123	74.465	0.533123	1.2818	0.005694	0
231.210	1.053699	2.8285	0.012938	1604.6	18.97223	0.076011	0.021492	106.61	0.537731	0.46888	0.000182	161.61	0.561232	35.01946	0.287948	74.901	0.616209	1.1198	0.000681	0
236.490	0.222673	2.9179	0.005428	1597	5.238146	0.092492	0.008668	107.7	0.070673	0.4749	0.000577	161.02	2.438778	34.02453	0.010716	72.773	0.022933	1.1349	0.000307	0
242.890	1.231556	3.0155	0.014665	1638.6	24.27959	0.089305	0.011255	109.62	0.560154	0.49114	0.00137	164.54	0.536464	40.2508	0.109131	86.09	0.233541	1.1693	0.005138	0
245.190	0.081041	3.1236	0.00331	1648	7.097805	0.10108	0.000567	110.81	0.683981	0.49664	0.000362	163.96	1.164549	39.48122	0.172325	84.444	0.368775	1.1684	0.003328	0
287.930	3.813016	3.646	0.018516	1961.7	32.43706	0.11278	0.011757	129.14	0.620325	0.58206	0.000762	186.35	0.686066	41.37197	0.223141	88.488	0.477522	1.3463	0.001682	0
230.340	1.760946	2.9893	0.003782	1503.2	7.586607	0.10309	0.016326	101.76	0.322772	0.45532	0.002793	150.29	1.375962	38.69575	0.010086	82.764	0.021584	1.0706	0.000771	0
273.860	1.014818	3.6166	0.019247	1847.8	10.66131	0.16814	0.002562	121.96	0.559883	0.55685	0.002634	179.32	0.163216	46.05067	0.218255	98.495	0.467065	1.2731	0.001125	0.011907
286.220	2.915491	3.6432	0.020088	1922.7	12.55126	0.17681	0.004146	125.57	1.432033	0.59053	0.001195	184.88	0.523794	44.26746	0.154271	94.681	0.330141	1.3201	0.001681	0
320.910	1.322166	3.9392	0.003986	2182.1	2.205742	0.16389	0.034125	142.69	0.201713	0.66301	0.001506	209.93	1.214495	40.42192	0.11321	86.456	0.242269	1.4812	0.009102	0
277.950	0.31359	3.5236	0.003891	1864.5	12.3054	0.16564	0.02101	122.65	0.035654	0.57713	0.004332	178.67	0.959792	42.58478	0.009529	91.082	0.020393	1.2932	0.011482	0
660.740	0.713034	8.4775	0.039865	5530.2	52.16436	0.2456	0.037087	337.19	3.670551	1.2738	0.000778	461.92	5.478517	66.18075	0.351843	141.55	0.752944	3.4385	0.003603	0
388.070	1.118011	4.6059	0.012764	2791.9	7.800898	0.19073	0.022463	175.17	0.608536	0.83264	0.003717	249.21	1.368875	38.66209	0.181075	82.692	0.3875	1.8156	0.001295	0
349.220	7.65118	5.0762	0.061451	2389.4	40.1861	0.17966	0.000351	155.38	0.002883	0.81799	0.007023	226.78	4.088102	46.44388	0.500516	99.336	1.071104	1.6267	0.022477	0
205.490	1.143402	17.077	0.016587	1106.5	0.82231	0.12978	0.006353	76.132	0.423026	3.526	0.015393	107.84	0.090687	45.78511	0.13284	97.927	0.284278	0.84245	0.000764	0.064658
208.450	0.48893	20.898	0.025649	1068.2	19.67026	0.059621	0.015018	78.73	0.129166	4.6603	0.040935	114.67	0.042957	64.29655	0.269856	137.52	0.577492	0.8876	0.004109	0.14781
183.960	1.386189	17.403	0.147218	997.54	0.187607	0.072731	0.037601	71.006	0.696707	4.114	0.026182	102.54	0.548925	46.75339	0.53454	99.998	1.143917	0.79203	0.002385	0.079955
197.750	1.673978	19.915	0.159302	1068.4	14.8555	0.096551	0.01018	75.834	1.076103	4.529	0.015666	107.03	0.361639	47.57253	0.166207	101.75	0.355682	0.84469	0.008993	0.076667
217.210	1.577901	23.529	0.144301	1105.4	2.853922	0.083593	0.02419	80.822	0.204275	5.4041	0.037516	111.35	0.08822	49.23231	0.054184	105.3	0.115955	0.91474	0.004974	0.093687
241.660	2.106277	25.779	0.083169	1170.9	13.5919	0.13439	0.000972	89.528	0.188358	7.0265	0.01581	117.61	0.378031	51.88328	0.252026	110.97	0.539335	1.0174	0.015084	0.14776
381.240	1.289142	36.895	0.438283	1498.6	2.88331	0.16973	0.032763	133.48	0.945898	17.034	0.178408	153.82	1.870811	57.16652	0.424809	122.27	0.909092	1.5411	0.016647	0.31556
319.690	0.679848	33.212	0.278974	1335.6	25.11198	0.13183	0.010098	115	1.132976	13.226	0.117863	138.28	1.045964	54.06203	0.81951	115.63	1.753752	1.3245	0.01562	0.23506
362.430	0.518269	36.771	0.502102	1431.7	41.64139	0.18028	0.006051	128.7	1.371313	16.052	0.198405	148.96	0.855233	55.89947	0.84733	119.56	1.813286	1.4767	0.01171	0.26373
395.660	1.427512	40.447	0.030172	1529.6	13.57416	0.18399	0.000266	142.59	0.072365	19.13	0.014074	160.61	0.357543	57.18989	0.014039	122.32	0.030044	1.6495	0.002103	0.31071
433.070	2.436326	44.071	0.255805	1577.1	3.607717	0.18532	0.030511	147.45	0.063556	20.481	0.106419	164.17	2.809945	69.00004	0.310944	147.58	0.66542	1.7198	0.008839	0.41402
424.310	4.974964	42.396	0.260656	1620.2	0.190088	0.21008	0.003151	153.87	0.509396	22.736	0.213623	171	3.810551	56.91404	0.348152	121.73	0.745046	1.8092	0.004045	0.31634
410.510	2.87345	40.312	0.497388	1585.4	25.09649	0.19177	0.004705	151.5	1.24618	22.069	0.22626	169.73	1.782771	51.93003	0.259153	111.07	0.554587	1.7851	0.009575	0.27013

Ca(ppm)	stdev (Ca)	Fe(ppm)	stdev (Fe)	K(ppm)	stdev (K)	Li(ppm)	stdev (Li)	Mg(ppm)	stdev (Mg)	Mn(ppm)	stdev (Mn)	Na(ppm)	stdev (Na)	Si(ppm)	stdev (Si)	SiO2(ppm)	stdev (SiO2)	Sr(ppm)	stdev (Sr)	Ti(ppm)
406.530	2.014507	39.745	0.201385	1573.6	19.28725	0.17369	0.01222	151.48	0.742666	22.492	0.044168	167.85	0.625346	51.63548	0.199249	110.44	0.426393	1.7605	0.009829	0.26695
414.510	5.131197	39.783	0.290194	1575.5	10.8996	0.19413	0.002364	155.01	0.153821	23.599	0.048111	170.31	0.268526	51.5747	0.521671	110.31	1.116376	1.814	0.010485	0.26001
421.110	5.227444	38.202	0.283067	1603.2	9.640235	0.18688	0.002218	156.36	0.222731	23.826	0.007832	171.69	1.590806	52.622	0.078208	112.55	0.167365	1.8346	0.012732	0.26609
423.530	6.484447	39.878	0.444675	1601.8	40.54178	0.19999	0.026475	158.56	1.742223	24.394	0.282442	173.69	1.119472	53.10357	0.649039	113.58	1.388944	1.8528	0.015164	0.28039
427.230	3.61345	39.568	0.406964	1589.1	18.04841	0.19902	0.012388	158.68	3.129133	24.766	0.353512	170.1	2.394164	51.83185	0.431463	110.86	0.923331	1.8525	0.017468	0.25172
434.000	7.775145	38.939	0.040689	1617.2	1.311022	0.19773	0.013392	159.99	0.458761	25.341	0.143584	172.99	1.287294	53.86099	0.312217	115.2	0.668144	1.8705	0.015133	0.30742
417.060	9.799324	39.599	0.298338	1579.7	12.07044	0.16597	0.022491	156.46	0.359207	24.657	0.05758	169.49	3.955327	53.46825	0.184457	114.36	0.394737	1.8325	0.016928	0.27748
426.960	4.920942	40.462	0.079752	1605.7	2.068872	0.18783	0.002756	158.73	0.427256	24.929	0.089431	170.67	0.239018	55.73583	0.214646	119.21	0.459342	1.8565	0.00348	0.28936
594.420	2.224411	59.248	0.241317	1962.9	10.13383	0.3862	0.028071	201.56	2.104753	33.216	0.212578	216.37	0.625356	75.382	0.154481	161.23	0.33059	2.3728	0.007742	0.4459
434.440	6.69608	44.188	0.299234	1616.5	19.57324	0.19538	0.010739	164.11	0.849416	27.018	0.052617	178.09	1.630567	57.4938	0.591941	122.97	1.266755	1.9409	0.008895	0.35988
508.080	2.680397	48.752	0.075644	1703	16.61923	0.24493	0.004201	172.47	0.127095	30.449	0.010552	193.53	1.768292	64.8015	0.527235	138.6	1.128283	2.0831	0.008001	0.28498
510.090	0.091342	50.102	0.153541	1678.7	6.565494	0.24131	0.005157	170.75	0.535134	31.091	0.181707	192.09	0.875322	65.24099	0.414819	139.54	0.887712	2.0973	0.003653	0.30927
597.050	2.461029	61.263	0.521768	1950.6	30.04303	0.30454	0.003907	198.55	0.884679	36.644	0.057055	223.02	1.624825	78.03765	0.697038	166.91	1.491662	2.4362	0.00463	0.42537
648.320	3.868749	65.487	0.448496	2139.9	1.83891	0.3473	0.009491	220.46	1.347255	40.187	0.280506	246.58	3.386749	83.54531	0.239233	178.69	0.511959	2.6418	0.003061	0.43213
545.890	3.698561	53.776	0.072371	1789.5	18.40482	0.27994	0.003605	181.42	0.846739	34.661	0.215113	199.68	0.284796	69.61252	0.043334	148.89	0.092736	2.2291	0.015866	0.38474
493.010	2.34271	48.34	0.548288	1639.8	2.947377	0.24983	0.002152	168.12	0.832164	32.119	0.213517	189.42	0.393076	63.32406	0.129388	135.44	0.27689	2.0497	0.015042	0.29767
510.96	3.664011	51.423	0.143698	1702.7	14.46356	0.26812	0.004412	174.68	0.621737	33.697	0.077714	195.35	1.197901	66.70907	0.473175	142.68	1.012594	2.1452	0.00854	0.3115
503.14	0.159466	55.9	0.45388	1736.9	33.13556	0.29806	0.014536	182.31	1.897507	34.522	0.166088	206.7	0.441024	66.01711	0.456936	141.2	0.977843	2.1814	0.049389	0.26588
492.11	0.297307	54.861	0.322289	1747.3	12.56171	0.30109	0.012369	178.35	0.186758	34.207	0.146799	199.11	0.820831	64.74539	0.773184	138.48	1.654613	2.127	0.014837	0.2994
490.83	7.279292	54.894	0.024195	1725.3	36.53462	0.29801	0.003009	180.68	0.712344	34.639	0.588367	195.72	0.708188	65.17553	0.647333	139.4	1.385293	2.1501	0.013981	0.26428
481.92	1.417858	54.138	0.095504	1702.4	8.164613	0.28676	0.005351	175.92	1.186641	33.662	0.344756	192.53	0.6271	63.00613	0.114663	134.76	0.245378	2.0739	0.007108	0.24249
488.94	3.987651	55.885	0.200564	1760.1	15.15218	0.33105	0.005796	182.36	2.097237	34.915	0.090108	202.8	3.201798	66.34439	0.425716	141.9	0.911032	2.1798	0.048461	0.25455
459.26	1.713938	55.164	0.120761	1629.7	16.95766	0.31166	0.008426	171.39	0.80603	33.485	0.265698	187.69	0.727204	64.12824	0.313695	137.16	0.671308	2.0151	0.0123	0.23218
450.1	4.613196	53.79	0.123184	1622.3	7.144268	0.3069	0.008064	167.8	1.197871	33.518	0.049116	184.5	0.434185	64.71266	0.171214	138.41	0.366399	2.0143	0.013511	0.24533
475.27	9.062272	50.442	0.212033	1680.3	31.32851	0.32179	0.021307	171.11	0.230902	34.274	0.025839	192.28	6.152184	63.51575	0.033037	135.85	0.0707	2.0658	0.017178	0.24843
463.67	5.057635	48.986	0.264661	1611.5	25.07311	0.33522	0.019531	166.84	0.004206	33.566	0.132395	187.31	0.336243	62.8986	0.0928	134.53	0.198592	2.0037	0.001362	0.22797
426.26	0.463991	46.476	0.622822	1486.5	17.74611	0.325	0.025823	156.07	0.331479	32.329	0.00197	172.23	2.425819	62.03364	0.257032	132.68	0.550049	1.854	0.014811	0.2082
424.6	0.931493	46.448	0.062893	1493.8	6.187796	0.32799	0.026491	153.82	0.46127	31.762	0.010638	168.62	1.717109	61.16869	0.215366	130.83	0.460883	1.8544	0.020017	0.19286
424.2	5.515194	45.775	0.488906	1479.9	31.2014	0.33393	0.037563	154.34	2.739975	32.352	0.432897	170.76	2.697448	61.27155	1.243712	131.05	2.661543	1.8521	0.028184	0.18546
424.03	10.91177	45.797	0.41409	1456.9	26.74849	0.33227	0.010519	153.32	2.036079	32.278	0.521724	168.73	2.704768	61.21077	0.852572	130.92	1.824505	1.8302	0.036086	0.18131
385.86	2.797946	40.985	0.369104	1324.9	0.243346	0.33722	0.019172	140.3	1.510985	29.968	0.405216	154.66	2.132684	61.40713	0.609799	131.34	1.30497	1.6547	0.000886	0.17155
386.71	0.224349	42.069	0.192963	1366.3	30.8964	0.35705	0.026191	141.38	1.532009	30.333	0.130771	153.9	0.407026	61.18271	0.257588	130.86	0.551239	1.7043	0.009055	0.1671
354.6	8.579353	38.699	0.268992	1232.7	14.88793	0.33423	0.019349	130.03	0.209288	28.355	0.08738	143.35	0.698161	59.7193	0.578007	127.73	1.236935	1.5543	0.011506	0.14558
265.95	0.372748	28.609	0.148984	953.59	2.829936	0.29955	0.030038	99.841	0.774983	25.855	0.344941	111.53	1.684703	58.15771	0.36902	124.39	0.789703	1.1425	0.014717	0.15439
334.32	0.604037	37.106	0.015825	1164.6	1.540922	0.33601	0.027662	122.06	0.421827	27.576	0.029002	135.23	0.52522	60.11671	0.272708	128.58	0.583594	1.4351	0.003696	0.14407
271.89	2.618677	26.419	0.391007	917.52	19.25177	0.23907	0.008004	100.88	1.563489	24.64	0.245508	112.53	2.030497	56.26883	0.561677	120.35	1.201988	1.1563	0.012255	0.13407

Ca(ppm)	stdev (Ca)	Fe(ppm)	stdev (Fe)	K(ppm)	stdev (K)	Li(ppm)	stdev (Li)	Mg(ppm)	stdev (Mg)	Mn(ppm)	stdev (Mn)	Na(ppm)	stdev (Na)	Si(ppm)	stdev (Si)	SiO2(ppm)	stdev (SiO2)	Sr(ppm)	stdev (Sr)	Ti(ppm)
277.93	0.076953	30.102	0.046376	921.65	11.16659	0.32582	0.028625	100.43	0.682344	26.631	0.015963	111.5	0.36207	59.63047	0.04097	127.54	0.087676	1.1591	0.008306	0.14118
249.49	0.411884	26.192	0.116426	750.07	0.463175	0.30409	0.021525	92.846	0.713123	27.702	0.211974	98.4	0.310078	57.40029	0.17983	122.77	0.384835	1.0276	0.003375	0.15411
235.97	1.350523	24.186	0.069667	717.1	17.08532	0.29691	0.022288	86.856	0.561809	26.209	0.232275	92.609	0.505143	57.02625	0.021362	121.97	0.045714	0.97628	0.00236	0.1806
215.2	0.695659	21.023	0.027777	686.39	3.875058	0.1655	0.001731	83.136	0.045869	24.254	0.127329	89.765	0.244762	52.15913	0.116655	111.56	0.249641	0.9324	0.002769	0.19988
205.61	0.633558	20.013	0.171177	662.96	9.54498	0.14182	0.008229	80.27	0.64546	23.517	0.25476	84.865	0.218344	50.15804	0.157609	107.28	0.337283	0.90289	0.005488	0.20001
212.48	0.693276	20.266	0.031343	687.87	0.477089	0.16787	0.01222	82.299	0.179628	24.417	0.150609	87.16	0.086157	51.87393	0.026541	110.95	0.056797	0.92088	0.014532	0.21089
233.24	0.929315	22.16	0.07555	720.82	1.913538	0.28111	0.024405	86.818	0.051799	25.531	0.073567	92.054	0.402936	56.02571	0.001838	119.83	0.003934	0.985	0.004279	0.20319
233.05	1.275512	22.202	0.076988	714.22	3.516908	0.28377	0.01987	86.685	0.004517	25.204	0.024881	91.253	0.825773	56.14727	0.072599	120.09	0.155362	0.97925	0.015108	0.20447
229.56	3.658794	21.244	0.142272	697.36	1.308143	0.25806	0.022261	84.714	1.103808	24.982	0.432309	88.12	1.282959	54.5062	0.177491	116.58	0.37983	0.95208	0.007311	0.19698
230.64	3.368682	21.492	0.06966	702.95	0.491249	0.27705	0.021524	85.633	0.444832	24.992	0.033607	89.368	0.234368	54.5997	0.125437	116.78	0.268436	0.9671	0.01133	0.20054
232.7	3.382103	22.125	0.256168	684.39	6.032209	0.29732	0.021365	84.435	0.256788	25.157	0.125169	85.543	0.149065	54.8288	0.209478	117.27	0.448283	0.95156	0.012008	0.20404
206.56	3.277283	19.81	0.192799	671.46	4.647097	0.13892	0.021449	80.526	0.799714	23.649	0.269154	87.509	1.723257	51.14456	0.461598	109.39	0.98782	0.91733	0.001751	0.2108
236.82	3.042343	22.168	0.094263	675.16	13.56091	0.32676	0.024717	86.215	0.099424	25.43	0.126685	84.139	0.348602	53.80956	0.255108	115.09	0.545931	0.96151	0.016872	0.20285
234.13	0.932011	21.893	0.144641	662.43	6.117148	0.34025	0.003641	84.804	0.332918	24.993	0.061238	83.862	0.098916	52.92122	0.047764	113.19	0.102214	0.94638	0.001415	0.20135
235.17	1.538466	21.65	0.134446	658.24	7.008139	0.32881	0.003996	85.112	0.680263	25.038	0.265612	82.808	1.5561	53.01006	0.327087	113.38	0.699967	0.94491	0.016534	0.20618
231.59	4.216093	21.467	0.312213	661.64	15.29011	0.31796	0.000235	84.539	0.446571	25.032	0.206195	82.11	2.195029	53.22045	0.745872	113.83	1.596166	0.94722	0.014064	0.20783
233.92	0.986754	21.321	0.202008	658.52	0.72834	0.34084	0.007803	84.925	0.164671	24.926	0.287898	81.622	0.269491	52.44433	0.008923	112.17	0.019096	0.93663	0.004028	0.20255
229.35	2.503103	21.057	0.244375	652.08	5.168173	0.32692	0.005633	83.522	0.612322	24.71	0.098692	80.375	0.815381	52.16848	0.411907	111.58	0.881481	0.92576	0.016971	0.20456
231.72	0.44813	21.192	0.223174	655.59	7.257754	0.32625	0.000426	84.569	0.293025	24.895	0.131959	82.217	0.960632	52.7155	0.144741	112.75	0.309745	0.93152	0.000153	0.21131
233.39	3.518991	21.192	0.135429	664.15	2.024308	0.3325	0.000119	84.474	0.198853	24.832	0.252544	81.282	0.152833	53.06149	0.079579	113.49	0.170298	0.94283	0.004829	0.21167
233.83	1.354288	20.566	0.004391	660.77	4.228139	0.33505	0.007007	85.041	0.484084	24.983	0.037399	83.656	0.952902	53.39344	0.238586	114.2	0.510573	0.95734	0.004008	0.20894
231.57	2.814644	22.696	0.206654	638.64	3.858969	0.34546	0.002842	83.598	0.924609	24.998	0.058351	83.678	0.885769	53.35136	0.321137	114.11	0.687233	0.928	0.008308	0.18661
226.13	0.484718	22.46	0.11701	647.56	3.368463	0.32664	0.006884	82.1	0.806522	24.3	0.067594	81.994	1.136332	52.95395	0.474412	113.26	1.015241	0.92496	0.006262	0.18083
237.89	0.517644	24.173	0.06237	603.88	4.915147	0.31724	0.000406	81.526	0.080744	21.697	0.004298	76.81	0.232817	53.04746	0.195137	113.46	0.417592	0.95347	0.004344	0.12661
220	1.882816	23.936	0.079023	576.22	2.295638	0.31882	0.002657	75.27	0.881973	21.095	0.317498	73.539	0.812211	52.99135	0.003239	113.34	0.006932	0.87538	0.001357	0.12075
225.44	1.491011	23.759	0.003413	589.59	1.938101	0.32011	0.00123	77.479	0.65517	21.524	0.172906	74.255	0.853411	53.64124	0.78856	114.73	1.687519	0.9034	0.012318	0.11237
207.42	0.535262	25.83	0.085491	604.82	2.467008	0.14157	0.009305	76.253	0.06212	20.872	0.201373	85.238	0.34912	56.19403	0.032348	120.19	0.069224	0.92096	0.003963	0.11109
213.94	1.817518	26.034	0.017418	585.18	0.923347	0.10966	0.009974	78.09	0.391504	19.835	0.020804	82.018	0.36414	52.52849	0.032383	112.35	0.0693	0.93503	0.005653	0.10033
207.66	1.5232	25.341	0.182554	575.01	3.260955	0.10604	0.009952	75.324	0.535946	19.678	0.158564	78.862	0.624282	52.74356	0.362541	112.81	0.775839	0.91373	0.004941	0.10795
189.14	0.780867	26.854	0.047377	535.86	9.201211	0.083701	0.013114	70.004	0.588963	20.511	0.02807	72.464	0.966536	50.81728	0.345316	108.69	0.738976	0.84593	0.00051	0.15472
220.22	2.06639	29.18	0.182739	581.06	12.80898	0.12131	0.01018	79.876	0.459099	20.841	0.023482	81.798	0.116586	55.79194	0.085289	119.33	0.182517	0.97154	0.003177	0.1271
182.23	1.650786	27.005	0.133678	472.85	0.221454	0.088062	0.003109	65.728	0.581238	17.062	0.149756	67.773	1.452	51.56535	0.236182	110.29	0.505431	0.81545	0.013765	0.161
178.54	0.197677	27.328	0.086411	467.7	5.269617	0.10009	0.002479	64.361	0.261258	16.495	0.039966	66.635	0.476567	50.84066	0.017082	108.74	0.036556	0.80035	0.006987	0.14367
174.29	2.098675	25.586	0.218086	478.83	10.60843	0.075911	0.019846	64.702	0.557518	17.087	0.131688	68.283	0.13226	54.5062	0.256029	116.58	0.547902	0.79512	0.007402	0.17872
149.96	0.556237	23.335	0.159637	432.18	5.371387	0.1037	0.00638	53.802	0.08439	14.576	0.092489	63.033	0.179032	51.40171	0.272984	109.94	0.584185	0.6688	0.002977	0.1779
163.71	0.642974	26.605	0.121705	435.03	1.840675	0.1053	0.034039	59.282	0.798873	15.443	0.101617	63.435	0.875451	51.17729	0.128531	109.46	0.275057	0.73591	0.002012	0.17118
150.39	1.25451	23.739	0.102408	417.56	7.18433	0.11683	0.010578	54.517	0.45032	14.857	0.123787	59.634	0.166017	50.51805	0.507429	108.05	1.085897	0.67519	0.005849	0.20579

Ca(ppm)	stdev (Ca)	Fe(ppm)	stdev (Fe)	K(ppm)	stdev (K)	Li(ppm)	stdev (Li)	Mg(ppm)	stdev (Mg)	Mn(ppm)	stdev (Mn)	Na(ppm)	stdev (Na)	Si(ppm)	stdev (Si)	SiO2(ppm)	stdev (SiO2)	Sr(ppm)	stdev (Sr)	Ti(ppm)
157.9	0.482324	23.481	0.13425	417.14	4.349753	0.19842	0.021493	56.817	0.068027	15.041	0.036433	63.083	0.234157	51.49522	0.175665	110.14	0.375924	0.69861	0.002264	0.12942
152.35	1.396395	24.099	0.074311	406.23	0.721548	0.18921	0.033547	54.592	0.189018	14.509	0.020224	58.848	0.375564	52.78564	0.097874	112.9	0.209451	0.66789	0.000558	0.17781
148.26	0.836683	24.481	0.08944	400.97	3.530156	0.19444	0.044949	53.162	0.740003	14.29	0.101116	57.869	0.975741	54.24905	0.041729	116.03	0.089301	0.6557	0.006486	0.20952
132.21	0.176151	25.124	0.006781	371.49	4.590343	0.23093	0.038358	47.841	0.098931	14.539	0.087888	52.639	0.161541	48.95178	0.385678	104.7	0.825351	0.57361	0.005486	0.29942
128.3	0.397978	24.167	0.155385	353.63	0.991463	0.22444	0.047993	45.934	0.49194	13.458	0.023465	50.557	0.452742	49.09672	0.73573	105.01	1.574462	0.55718	0.009027	0.28469
114.93	0.457702	15.784	0.210341	356.56	0.664777	0.11423	0.042624	41.744	0.123017	11.534	0.016864	50.893	0.10564	45.65654	0.1317	97.652	0.281837	0.52395	0.002869	0.2724
119.71	0.274332	25.563	0.003312	355.08	1.024034	0.09448	1.42E-05	43.491	0.053279	13.078	0.065678	48.737	0.257055	51.5934	0.077102	110.35	0.164999	0.54405	0.00284	0.28357
105.18	0.123846	22.97	0.043245	328.49	0.323333	0.10577	0.002841	38.231	0.223952	11.345	0.071148	44.549	0.641999	50.2796	0.163567	107.54	0.350033	0.47974	0.003375	0.27621
97.152	0.224603	21.263	0.140681	299.64	1.428151	0.0763	0.007854	35.494	0.007319	10.099	0.070928	41.138	0.003944	48.70866	0.089802	104.18	0.192177	0.44352	0.003906	0.28829
102.54	0.340293	23.674	0.046829	317.89	2.306943	0.093238	0.018832	37.822	0.20366	10.925	0.071615	42.867	0.414043	51.71029	0.084913	110.6	0.181714	0.47778	0.00279	0.32456
106.44	0.177262	23.852	0.209359	319.61	1.580928	0.11424	0.002625	38.452	0.399277	10.882	0.062343	43.981	0.072673	52.72486	0.30791	112.77	0.658928	0.48097	0.002731	0.40076
114.54	0.290623	22.718	0.033269	249.75	1.71078	0.074003	0.001654	41.281	0.33211	11.905	0.048624	38.817	0.051027	44.91641	0.0844	96.069	0.180615	0.52193	0.000911	0.15971
94.564	0.347268	20.661	0.046498	222.99	0.33435	0		34.49	0.126032	9.7894	0.028932	30.5	0.320558	44.42877	0.165337	95.026	0.353821	0.4332	0.001947	0.21401
97.968	0.877749	21.259	0.081748	226	1.673533	0.061495	0.000611	35.154	0.167049	9.9978	0.030493	30.364	0.032829	46.10304	0.154144	98.607	0.329868	0.4517	7.66E-05	0.28887
88.681	0.660012	18.852	0.047294	204.86	1.332222	0		31.734	0.104449	8.8805	0.013612	26.767	0.060905	42.96956	0.099573	91.905	0.213086	0.40403	0.001426	0.2884
107.76	0.767307	22.771	0.023387	225.4	0.026381	0		38.719	0.171599	10.603	0.026198	31.286	0.052371	45.16188	0.028892	96.594	0.061829	0.494	0.001275	0.20733
127.9	0.123488	26.75	0.059704	266.81	1.65749	0.065519	0.024274	46.447	0.245648	13.192	0.011118	38.27	0.04192	45.62615	0.296626	97.587	0.634779	0.58047	0.003957	0.17599
137.73	0.785852	30.071	0.000999	286.68	1.818023	0.087042	0.005697	49.85	0.440783	13.899	0.020725	44.296	0.441181	47.85305	0.010724	102.35	0.02295	0.6212	0.003252	0.23003
146.68	1.828112	32.719	0.25577	299.89	4.474466	0		52.94	0.162204	14.793	0.141846	49.287	1.26316	48.53099	0.546468	103.8	1.169442	0.62364	0.005352	0.20272
132.49	1.694693	30.165	0.131032	282.89	0.582893	0		47.875	0.17359	13.538	0.080279	41.945	0.387487	45.87441	0.449152	98.118	0.961185	0.57177	0.001856	0.19075
99.864	0.275221	24.552	0.10639	232.58	1.034416	0		36.073	0.092845	10.089	0.047702	31.656	0.208268	44.16087	0.457837	94.453	0.97977	0.4383	0.000922	0.22933
103.69	0.10977	24.896	0.177476	234.33	0.70483	0		37.634	0.109718	10.457	0.090183	31.8	0.08113	44.98935	0.136401	96.225	0.291898	0.45416	0.000995	0.23564
114.76	0.046801	26.939	0.100937	253.28	1.750767	0		41.772	0.069859	11.542	0.09344	35.565	0.178001	45.32084	0.245656	96.934	0.525703	0.4947	0.00099	0.26196
131.25	1.885862	32.445	0.467373	302.36	3.510571	0		47.162	0.493704	13.366	0.237686	43.507	0.295799	52.56589	0.639234	112.43	1.367962	0.59539	0.003834	0.37012
153.33	0.918572	47.059	0.113743	431.06	0.355095	0.13363	0.035065	55.739	0.228191	15.725	0.000555	64.457	0.322663	53.8002	0.127957	115.07	0.273827	0.69036	0.005681	0.24967
130.6	1.154517	37.821	0.237562	362.11	3.97157	0.11137	0.035656	47.849	0.126147	13.362	0.108198	53.878	0.222631	48.84892	0.130441	104.48	0.279144	0.58705	0.000561	0.27355
148.37	1.800265	40.63	0.513777	383.14	5.349622	0.13613	0.048814	54.028	0.771967	15.015	0.074134	57.519	1.263245	51.29417	0.099331	109.71	0.212569	0.65374	0.005385	0.24022
143.59	0.850167	40.488	0.289525	382.51	0.101038	0.1108	0.002656	52.753	0.047354	14.563	0.033781	56.226	0.060116	49.9383	0.171082	106.81	0.366116	0.59715	0.002135	0.21426
157.79	1.068935	43.363	0.587036	388.89	6.678736	0.10874	0.011733	57.074	0.497334	15.778	0.001979	58.249	0.796871	49.60167	0.543477	106.09	1.163042	0.64662	0.011926	0.18049
150.99	0.47002	40.878	0.147508	378.99	0.919145	0.1557	0.035865	54.758	0.2392	14.898	0.078597	62.455	0.344303	51.68691	0.041786	110.55	0.089421	0.71078	1.2E-05	0.22155
124.9	1.126118	34.804	0.100312	330.11	2.413115	0.11782	0.001611	44.877	0.150362	12.336	0.011315	47.341	0.015584	49.17153	0.549219	105.17	1.175329	0.49566	0.003041	0.2282
130.08	0.209213	36.18	0.260235	329.48	2.228357	0.096928	0.035202	46.817	0.177461	13.009	0.053661	47.577	0.621728	47.10499	0.20749	100.75	0.444029	0.52184	0.003447	0.19303
104.65	1.13512	23.959	0.464359	284.99	5.360687	0.093545	0.049512	37.668	0.504896	9.98	0.157446	42.511	0.679893	45.59248	0.311796	97.515	0.667244	0.41446	0.005348	0.2568
134.53	0.421451	31.714	0.207316	338.85	0.458137	0.1117	0.028142	48.51	0.096647	12.834	0.071193	50.424	0.493182	49.24633	0.31921	105.33	0.683109	0.529	0.003909	0.22696
106.72	0.830711	25.697	0.339182	287.14	0.09912	0.11498	0.01617	38.94	0.626279	10.211	0.102499	41.383	0.065688	47.16109	0.948271	100.87	2.0293	0.41999	0.006579	0.28074
118.68	0.307091	30.975	0.084462	294.09	0.730073	0.090149	0.002139	43.275	0.040665	11.152	0.097908	47.233	0.478185	47.36681	0.312899	101.31	0.669603	0.49549	0.003905	0.22697
106.18	0.149798	27.54	0.185303	266.85	1.376128	0.0949	0.004345	38.821	0.057437	9.9628	0.116395	41.19	0.243954	46.22273	0.100366	98.863	0.214783	0.44316	0.00088	0.2011
48.777	0.2275	14.194	0.086946	172.65	0.878268	0	0	18.102	0.121071	4.7009	0.027376	23.171	0.119308	41.44444	0.016218	88.643	0.034707	0.21213	0.000188	0.29554
46.318	0.277454	15.172	0.145386	185.03	1.655765	0.070316	0.001488	16.652	0.132126	4.6394	0.026806	24.724	0.467206	50.49935	0.067971	108.01	0.145457	0.20074	0.001445	0.28064
38.648	0.279643	14.932	0.008228	167.13	0.185952	0		14.177	0.113976	4.0164	0.033896	21.653	0.275179	47.76422	0.403297	102.16	0.863056	0.17671	0.000884	0.26328

Ca(ppm)	stdev (Ca)	Fe(ppm)	stdev (Fe)	K(ppm)	stdev (K)	Li(ppm)	stdev (Li)	Mg(ppm)	stdev (Mg)	Mn(ppm)	stdev (Mn)	Na(ppm)	stdev (Na)	Si(ppm)	stdev (Si)	SiO2(ppm)	stdev (SiO2)	Sr(ppm)	stdev (Sr)	Ti(ppm)
35.519	0.256216	14.975	0.110071	160.43	1.344861	0		13.547	0.029571	3.7588	0.00311	20.04	0.053559	47.18914	0.032279	100.93	0.069076	0.16579	0.001227	0.2711
32.435	0.093963	13.513	0.036195	150.06	0.078948	0		11.898	0.003668	3.4612	0.00081	18.416	0.195595	45.92584	0.233681	98.228	0.500077	0.15128	0.000332	0.2728
33.36	0.494395	15.444	0.242532	145.76	2.128796	0		12.223	0.095665	3.5735	0.021839	17.968	0.406843	45.14177	0.541065	96.551	1.15788	0.15694	0.001222	0.24633
34.412	0.150704	16.086	0.067336	151.61	0.7791	0		12.609	0.008527	3.7005	0.002098	18.815	0.075857	46.96472	0.137509	100.45	0.294269	0.16077	0.001579	0.26419
35.168	0.000163	14.733	0.056775	158.06	0.37091	0.085825	0.035878	12.79	0.007298	3.6684	0.007745	20.8	0.129443	45.82579	0.129456	98.014	0.277037	0.16415	0.000963	0.25799
35.999	0.384907	15.905	0.240515	152.8	0.593705	0.079718	0.012563	12.922	0.148226	3.6885	0.010061	18.968	0.216629	45.69394	0.467875	97.732	1.001252	0.16313	0.001914	0.26314
35.891	0.028246	16.331	0.028928	154.92	1.186129	0.10424	0.016483	13.019	0.010913	3.7058	0.000864	20.153	0.33511	46.03618	0.216421	98.464	0.46314	0.16443	0.000279	0.26538
36.888	0.118467	16.912	0.06477	157.5	0.936117	0.092299	0.015671	13.546	0.152685	3.8909	0.035353	20.232	0.139124	47.31538	0.36555	101.2	0.782276	0.17196	0.001702	0.27983
37.005	0.323524	15.614	0.077571	149.62	0.023164	0.081139	0.032674	13.333	0.002096	3.8656	0.041707	20.541	0.086913	45.6902	0.523173	97.724	1.119591	0.16787	0.000467	0.26773
33.539	0.033197	14.619	0.115214	146.92	0.174798	0.067165	0.022983	12.6	0.007308	3.7729	0.008286	18.237	0.261758	44.36705	0.485128	94.894	1.038175	0.16196	0.000548	0.2733

stdev (Ti)	Cr ICP (ppm)	Cr OES est. (ppm)	stdev (Cr)	Cr, VI (ppm)
	0.34366	0.374196	8.35E-05	
	0.32407	0.369746	0.001022	
	0.28929	0.317037	0.000913	
	0.29452	0.323394	0.001075	
	0.24101	0.281369	0.001019	
	0.28454	0.316933	0.001308	
	0.1967	0.218564	0.002549	
	0.27716	0.277282	0.003409	
	0.27872	0.287272	0.00491	
	0.28873	0.270925	0.00248	
	0.001989	0.003785	9.92E-05	
	0.26528	0.282032	0.001734	
	0.26851	0.270441	0.00414	
	0.29061	0.271767	0.002905	
	0.28117	0.284125	0.000715	
	0.27447	0.290704	0.008239	
	0.25888	0.288167	0.000523	
	0.27338	0.277333	0.006679	
	0.28535	0.271022	0.001527	
	0.27542	0.288856	0.005031	
0.002650039	0.27369	0.293327	0.001682	
	0.27684	0.284801	0.00419	
	0.27132	0.275544	0.003507	
	0.27372	0.283009	0.002501	
	0.20897	0.197467	0.007323	
	0.24586	0.262624	0.006328	
	0.26413	0.279273	0.003446	
0.001356359	0.80988	0.955754	0.007462	
0.012354539	0.91497	0.980224	0.002561	
4.93407E-05	0.85178	0.929929	0.004881	
0.003260662	0.9453	1.073118	0.004597	
0.001114295	1.1039	1.220346	0.00927	
0.001800823	1.0966	1.287561	0.004459	
0.001737952	1.3604	1.616871	4.7E-05	
0.002992393	1.3477	1.527858	0.025923	
0.002970283	1.3815	1.588617	0.015364	
0.004930079	1.4115	1.640892	0.01051	
0.003018283	1.4314	1.694249	0.010967	
2.02922E-05	1.3553	1.545854	0.011619	
0.002805896	1.3697	1.513063	0.016586	

DATE ICPMS2a	Ag(ppm)	stdev (Ag)	Al ICPMS (ppm)	stdev (Al)	As(ppm)	stdev (As)	Ba(ppm)	stdev (Ba)	Ba ICPMS (ppm)	stdev (Ba ICPMS)	Be(ppm)	stdev (Be)	Cd(ppm)
10/18/2017	0		0.020143	0.000279	0.000476	5.69E-05	0.07301	0.00031	0.068708	0.000769	0		0
10/27/2017	0		0		0.000784	0.000103	0.071224	0.000165	0.067427	0.000453	0		0
10/27/2017	0		0		0.000729	0.000247	0.070895	0.000392	0.066987	0.000998	0		0
10/27/2017	0		0		0.000615	0.000106	0.070003	0.000245	0.065658	0.001131	0		0
9/19/2017	0		0		0.00043	0.000205	0.078625	0.001528	0.055771	0.000641	0		0
9/19/2017	0		0		0.000454	0.000152	0.079641	0.000312	0.066468	0.000169	0		0
10/27/2017	0		0.254611	0.012993	0.007331	0.001297	0.17733	0.001687	0.157008	0.001613	0		0.000688
12/8/2017	0		1.448094	0.155157	0.013757	0.001984	0.1774	0.003745	0.184295	0.002175	0		0
10/27/2017	0		1.24385	0.188693	0.008898	0.001026	0.14706	0.004344	0.153556	0.001433	0		0.000602
12/8/2017	0		1.95288	0.317053	0.015762	0.003052	0.1739	0.002326	0.183181	0.003142	0		0
9/19/2017	0		0		0.001254	0.000154	0.036494	0.000145	0.035106	0.000508	0		0
10/27/2017	0		1.202104	0.138046	0.00811	0.00122	0.15569	0.003399	0.151237	0.002291	0		0.000602
10/27/2017	0.0052434	0.001793	1.559932	0.231441	0.011708	0.001053	0.1925	0.001153	0.17683	0.004742	0.008256	0.005525	0.007634
12/8/2017	0.023054	0.002673	1.25778	0.184804	0.016253	0.003267	0.17503	0.003588	0.187831	0.003652	0		0
12/8/2017	0		1.21532	0.182248	0.012798	0.003256	0.16442	0.000232	0.164565	0.003575	0		0
10/27/2017	0		1.245043	0.192903	0.007905	0.001099	0.1698	0.00621	0.162347	0.000554	0		0.000567
11/27/2017	0		1.248109	0.110543	0.009782	0.000771	0.17004	0.003535	0.154858	0.001261	0		0
10/27/2017	0		1.326784	0.197089	0.011349	0.001594	0.17885	0.002744	0.169289	0.001506	0		0.000579
12/8/2017	0		1.354296	0.231001	0.012679	0.002364	0.24749	0.001281	0.196318	0.002952	0		0
10/27/2017	0		1.179014	0.128154	0.007652	0.002318	0.2169	0.001551	0.155512	0.002702	0		0.000695
12/8/2017	0		1.170303	0.117162	0.013862	0.001947	0.26321	0.001512	0.178664	0.002331	0		0
10/27/2017	0		1.531858	0.193009	0.009508	0.000976	0.31682	0.000595	0.183123	0.001849	0		0.000565
10/27/2017	0.0030151	0.000326	1.772567	0.258689	0.013813	0.001081	0.34477	0.004082	0.200534	0.003235	0.000841	0.000547	0.001541
10/27/2017	0		1.461271	0.199362	0.009128	0.000615	0.32194	0.001753	0.175947	0.00415	0		0.0008
10/27/2017	0		3.867134	0.466324	0.027757	0.001732	0.45697	0.005544	0.405147	0.005738	0		0.001917
11/27/2017	0		2.285222	0.311771	0.018046	0.001842	0.39793	0.007741	0.235056	0.006109	0		0
1/25/2018	0		3.717827	0.730194	0.031183	0.008388	0.35841	0.003133	0.244178	0.004994	0		0
10/26/2017	0		1.363321	0.101251	0.009759	0.000774	0.46064	0.000588	0.507397	0.008564	0		0
1/25/2018	0		1.881921	0.158656	0.016098	0.008083	0.39064	0.000683	0.487093	0.001659	0		0
10/26/2017	0		1.365331	0.079352	0.00975	0.000892	0.28263	0.000579	0.515518	0.007132	0		0
10/26/2017	0		1.396053	0.044565	0.009271	0.001557	0.29228	0.009502	0.531573	0.015262	0		0
10/26/2017	0		1.485853	0.087607	0.009114	0.00281	0.27303	0.00066	0.588163	0.007481	0		0
10/26/2017	0		1.701092	0.07679	0.008803	0.000808	0.63803	0.00013	0.557571	0.005615	0		0
10/26/2017	0		2.935646	0.075619	0.010319	0.002459	0.39736	0.000375	0.657563	0.009126	0		0
10/26/2017	0		2.484286	0.162525	0.008307	0.000491	0.32336	0.003544	0.738433	0.005268	0		0
10/26/2017	0.02241	0.009694	2.731179	0.095945	0.009242	0.00288	0.34536	0.00466	0.80383	0.002468	0.035079	0.015656	0.036903
10/26/2017	0		2.642067	0.070331	0.009474	0.001675	0.6051	0.001113	0.816239	0.008538	0		0
10/26/2017	0		2.615198	0.071138	0.01016	0.003691	0.94035	0.004726	0.770442	0.010953	0		0
10/26/2017	0		2.46817	0.120567	0.010754	0.002042	0.62656	0.005041	0.805954	0.002383	0		0
10/26/2017	0		2.514351	0.135509	0.012678	0.001535	0.68774	0.003614	0.825724	0.018303	0		0

stdev (Ti)	Cr ICP (ppm)	Cr OES est. (ppm)	stdev (Cr)	Cr, VI (ppm)
0.003365497	1.4094	1.513989	0.003994	
0.003417101	1.2259	1.470942	0.005052	
0.000879098	1.4167	1.474058	0.00433	
0.00161397	1.3494	1.506774	0.006994	
0.003896975	1.3713	1.484165	0.013176	
0.000971071	1.3483	1.5116	0.00354	
1.60018E-05	1.3448	1.442925	0.011468	
0.000820658	1.3692	1.491715	0.000657	
0.001904086	1.5673	1.995412	0.000228	
0.004377678	1.3931	1.561519	0.001653	
0.000200036	1.4048	1.55796	0.006479	
0.00162623	1.3499	1.556704	0.001546	
0.002173104	1.4847	1.900614	0.005144	
0.001362114	1.4204	2.020911	0.005824	
0.001	1.2174	1.685734	0.024966	
0.001427791	1.3271	1.467832	0.001003	
0.001368051	1.3942	1.536746	0.000156	
0.007012202	1.3419	1.577521	0.013176	
0.057659008	1.3583	1.541696	0.009077	
0.000140393	1.1471	1.549398	0.018114	
0.001201267	1.2945	1.499372	0.017219	
0.001691748	1.386	1.554782	0.009522	
2.12322E-05	1.1322	1.423159	0.028256	
0.002486859	1.0233	1.371297	0.002866	
0.002850758	1.0713	1.436966	4.46E-05	
0.000138115	1.142	1.390678	0.003381	
0.003168393	1.1197	1.199203	0.016929	
0.003677125	0.95612	1.228453	0.00355	
0.000869245	0.93262	1.208306	0.023433	
0.007084403	0.98255	1.22263	0.006236	
0.001027563	0.90906	1.024842	0.008298	
0.009575478	0.86716	1.059874	0.023577	
0.002146903	0.7697	0.936301	0.00159	
0.004239126	0.41033	0.484619	0.006676	
0.001769043	0.69557	0.866378	0.004817	
0.000889699	0.45473	0.576034	0.001381	

DATE ICPMS2a	Ag(ppm)	stdev (Ag)	Al ICPMS (ppm)	stdev (Al)	As(ppm)	stdev (As)	Ba(ppm)	stdev (Ba)	Ba ICPMS (ppm)	stdev (Ba ICPMS)	Be(ppm)	stdev (Be)	Cd(ppm)
10/26/2017	0		2.490463	0.190087	0.011187	0.001661	0.46871	0.002845	0.814984	0.018224	0		0.006743
10/18/2017	0.0098541	0.000406	2.333047	0.070549	0.00791	0.001111	0.59286	0.004007	0.805615	0.010749	0.001698	0.000335	0.000922
11/27/2017	0.021257	0.001608	2.648376	0.054059	0.013279	0.000728	0.72245	0.000936	0.754253	0.005593	0		0
10/26/2017	0		2.178653	0.096058	0.00988	0.002824	0.83887	0.01381	0.748936	0.020897	0		0
10/26/2017	0		2.163002	0.024819	0.011529	0.002914	0.82305	0.004342	0.766981	0.013702	0.001353	0.000165	0.001113
10/26/2017	0		2.044318	0.056745	0.010767	0.001354	0.80271	0.004055	0.742374	0.014308	0		0
10/26/2017	0		2.013448	0.040802	0.012703	0.002772	0.80789	0.006747	0.748802	0.015706	0		0
10/26/2017	0		2.089374	0.076719	0.011557	0.001598	0.8467	0.000418	0.768397	0.014051	0		0
10/18/2017	0		2.675806	0.082068	0.012915	0.002912	1.0566	0.007363	0.885015	0.012883	0.001704	0.000308	0.00128
10/26/2017	0.02466	0.011995	2.12941	0.127354	0.009831	0.002193	0.88436	0.002664	0.833156	0.010068	0.04065	0.018003	0.038893
10/26/2017	0		2.094662	0.054005	0.009857	0.001084	0.85298	0.001257	0.800753	0.021967	0		0.003629
10/26/2017	0		2.082414	0.112775	0.011047	0.001657	0.85885	0.000603	0.794244	0.016338	0		0
10/26/2017	0		2.254385	0.05694	0.011632	0.003482	0.99304	0.006166	0.842974	0.01031	0		0
10/26/2017	0		2.315168	0.119596	0.010179	0.003621	1.0923	0.001334	0.80765	0.024224	0		0
10/18/2017	0		2.010209	0.039692	0.007629	0.000804	0.93543	0.005123	0.727159	0.00772	0.002845	0.001292	0.002068
10/26/2017	0		2.016599	0.077936	0.00766	0.001101	0.82978	0.001452	0.76676	0.013596	0		0
10/26/2017	0		2.146266	0.070637	0.010856	0.002442	0.86091	0.004212	0.803245	0.011697	0		0
10/26/2017	0		2.084352	0.08294	0.008397	0.001394	0.70645	0.005398	0.766788	0.018442	0		0
10/26/2017	0		2.195654	0.030754	0.010903	0.003643	0.67233	0.005153	0.755462	0.005622	0		0
1/18/2018	0.08253	0.006956	2.87372	0.141754	0		0.64223	0.004411	0.70629	0.02005	0		0
10/26/2017	0		2.042656	0.018167	0.00954	0.001223	0.62974	0.009834	0.746445	0.014055	0.001737	0.000155	0.000815
1/18/2018	0		3.213108	0.194541	0		0.65867	0.002842	0.827569	0.00844	0		0
1/18/2018	0		2.894817	0.063059	0		0.56652	0.000226	0.677854	0.018242	0		0
1/18/2018	0		2.968517	0.058496	0		0.54956	0.005236	0.630347	0.010221	0		0
1/18/2018	0		2.798824	0.047558	0		0.79693	0.004363	0.678809	0.029503	0		0
1/18/2018	0		2.835599	0.019905	0		0.77381	0.002252	0.682119	0.012525	0		0
1/18/2018	0		3.178863	0.081558	0		0.70837	0.004111	0.685732	0.022119	0		0
1/18/2018	0		2.686551	0.144367	0		0.69619	0.003472	0.581538	0.01695	0		0
1/18/2018	0		2.622739	0.146374	0		0.69756	0.011625	0.580446	0.00402	0		0
1/18/2018	0		2.766538	0.113445	0		0.70329	0.007595	0.598835	0.016967	0		0
1/30/2018	0		2.063736	0.080503	0		0.61416	0.011173	0.569293	0.014128	0		0
1/25/2018	0		2.232144	0.159306	0.016132	0.006152	0.64649	0.007545	0.599317	0.008795	0		0
1/25/2018	0		2.030405	0.137258	0.016042	0.003741	0.60932	0.002037	0.523404	0.005123	0		0
1/25/2018	0		1.902534	0.105701	0.010823	0.006667	0.54265	5.79E-05	0.497872	0.006107	0		0
1/25/2018	0		1.813684	0.041125	0.012803	0.007892	0.58099	0.003157	0.497924	0.008311	0		0
1/4/2018	0		1.134265	0.017604	0.009388	0.001214	0.49713	0.006892	0.447729	0.019236	0		0

stdev (Ti)	Cr ICP (ppm)	Cr OES est. (ppm)	stdev (Cr)	Cr, VI (ppm)
0.004933249	0.45976	0.515552	0.013062	
0.001245902	0.17716	0.236946	0.006916	
0.000399874	0.14487	0.194331	0.012816	
0.006505235	0.1425	0.175103	0.019126	
0.008347138	0.12212	0.146114	0.001492	
0.004981676	0.11337	0.174904	0.008293	
0.000367361	0.11907	0.165079	0.008325	
0.003745327	0.11556	0.153112	0.000894	
0.006150681	0.11353	0.148043	1.25E-05	
0.001920296	0.12015	0.154007	0.005	
0.000416728	0.11365	0.161469	0.001338	
0.012212731	0.11664	0.146532	0.017004	
0.000538860	0.10814	0.156232	0.001395	
0.005906007	0.12133	0.160455	0.000892	
0.002880929	0.12484	0.163214	0.007496	
0.001431824	0.09581	0.161867	0.007194	
0.004935981	0.10843	0.157528	0.005627	
0.000937492	0.10444	0.153334	0.003885	
0.002235582	0.10946	0.159287	0.010581	
0.002630695	0.097692	0.15768	0.002414	
0.001319361	0.10884	0.167632	0.002428	
0.001	0.11305	0.170813	0.009403	
0.006	0.11188	0.196024	0.006122	
0.003	0.1741	0.243207	0.00798	
0.002	0.15302	0.209611	0.015725	
0.000	0.14963	0.228947	0.0023	
0.003548814	0.14949	0.209309	0.001124	
0.007866801	0.1555	0.212178	0.019065	
0.012049993	0.1727	0.216891	0.0233	
6.15351E-06	0.14401	0.165322	0.017902	
0.003691349	0.1644	0.213658	6.97E-05	
0.00243084	0.14056	0.188323	0.006929	
0.000287231	0.15749	0.174178	0.013804	
0.008804475	0.10576	0.161091	0.001776	
1.60175E-05	0.092413	0.119722	0.007651	
0.002933651	0.13774	0.185065	0.003374	
0.003040965	0.092944	0.132212	0.01541	

DATE ICPMS2a	Ag(ppm)	stdev (Ag)	Al ICPMS (ppm)	stdev (Al)	As(ppm)	stdev (As)	Ba(ppm)	stdev (Ba)	Ba ICPMS (ppm)	stdev (Ba ICPMS)	Be(ppm)	stdev (Be)	Cd(ppm)
11/22/2017	0		1.401416	0.023219	0.008757	0.001508	0.5374	8.1E-05	0.479614	0.005171	0		0
11/22/2017	0		0.842761	0.008558	0.005642	0.002654	0.47606	0.00187	0.402112	0.007251	0		0
11/22/2017	0		0.779966	0.045992	0.007319	0.001746	0.49573	0.009785	0.415511	0.006973	0		0
11/22/2017	0		0.796	0.049786	0.007198	0.002529	0.45328	0.000757	0.411137	0.015763	0		0
11/22/2017	0		0.740809	0.00961	0.007267	0.000848	0.44976	0.015002	0.420152	0.01039	0		0
11/22/2017	0		0.7276	0.043302	0.004536	0.00033	0.46406	0.001099	0.387848	0.004948	0		0
11/22/2017	0		0.7088	0.017522	0.005853	0.001803	0.45843	0.000903	0.429554	0.002573	0		0
11/22/2017	0		0.686439	0.017066	0.006374	0.00156	0.47202	0.003894	0.423208	0.009035	0		0
11/22/2017	0		0.739648	0.041949	0.007187	0.001272	0.46461	0.000389	0.431705	0.017132	0		0
11/22/2017	0		0.736561	0.032568	0.006409	0.001901	0.47887	0.000109	0.451947	0.012157	0		0
11/22/2017	0		0.686549	0.023171	0.009514	0.002234	0.50082	0.000257	0.428289	0.008358	0		0
11/22/2017	0		0.698386	0.025722	0.006223	0.000823	0.43238	0.003103	0.448208	0.006903	0		0
11/22/2017	0		0.630437	0.024075	0.005469	0.000902	0.62944	0.005573	0.458468	0.005425	0		0
11/22/2017	0		0.821065	0.003807	0.00632	0.002036	0.62444	0.001531	0.488769	0.007759	0		0
1/30/2018	0		1.267325	0.027363	0		0.63441	0.002379	0.509216	0.010636	0		0
11/22/2017	0		0.591051	0.026271	0.006703	0.001747	0.64347	0.00583	0.41768	0.004396	0		0
11/22/2017	0		1.464916	0.039588	0.004697	0.002071	0.64179	0.001528	0.45759	0.005505	0		0
11/22/2017	0		0.618021	0.031279	0.00722	0.00216	0.62614	0.002047	0.448598	0.007199	0		0.004059
11/22/2017	0		0.701838	0.034911	0.005344	0.00075	0.64503	0.008538	0.477707	0.003673	0		0
11/22/2017	0		0.619544	0.025592	0.00596	0.001798	0.68433	0.000735	0.433733	0.005198	0		0
11/22/2017	0		0.614538	0.025184	0.005797	0.00203	0.69821	0.003754	0.451355	0.009635	0		0
1/4/2018	0		0.759572	0.029853	0.005574	0.000405	0.51855	0.004458	0.429422	0.005396	0		0
1/4/2018	0		0.662579	0.05157	0.006138	0.000204	0.53652	0.006013	0.371576	0.008985	0		0
1/4/2018	0		0.678242	0.039232	0.008784	0.000732	0.53775	0.00348	0.415376	0.00429	0		0
1/4/2018	0		0.651253	0.014993	0.008701	0.002611	0.59565	0.003699	0.458959	0.015183	0		0
1/4/2018	0		0.608084	0.017913	0.009142	0.003377	0.57337	0.001052	0.432123	0.009797	0		0
1/4/2018	0		0.577	0.03041	0.006956	0.001676	0.46737	0.009986	0.490473	0.013092	0		0
1/4/2018	0		0.522246	0.022204	0.008976	0.002868	0.39559	0.001777	0.437088	0.01515	0		0
1/25/2018	0		0.663233	0.014398	0.004896	0.00057	0.41003	0.010668	0.520446	0.012453	0		0
1/25/2018	0		0.640744	0.031066	0.008477	0.001697	0.47347	0.007846	0.689315	0.009039	0		0
1/25/2018	0		0.587055	0.026863	0.00911	0.001358	0.40976	0.002412	0.536055	0.004316	0		0
1/25/2018	0		1.805658	0.056901	0.008998	0.000377	0.37326	0.005211	0.549451	0.010526	0		0
1/25/2018	0		0.664914	0.039831	0.009972	0.001957	0.32124	0.003009	0.554433	0.012518	0		0
1/25/2018	0		0.50316	0.022119	0.009411	0.00042	0.29046	0.021777	0.466027	0.00841	0		0
1/25/2018	0		0.561063	0.01451	0.00872	0.002476	0.50727	0.009769	0.570484	0.004131	0		0
1/25/2018	0		0.669221	0.034159	0.009524	0.002985	0.52073	0.000717	0.566049	0.002477	0.009673	0.00529	0.008909
1/25/2018	0		0.496873	0.012721	0.010463	0.003728	0.49902	0.013074	0.493236	0.007638	0		0

stdev (Ti)	Cr ICP (ppm)	Cr OES est. (ppm)	stdev (Cr)	Cr, VI (ppm)
0.008647701	0.089263	0.15932	0.003824	0.000000
0.011894946	0.072773	0.14177	0.005358	0.000000
0.003970845	0.071887	0.135248	0.005978	0.000000
0.00059941	0.049205	0.08331	0.02901	0.000000
0.002566546	0.050348	0.086704	0.000763	0.000000
0.009724063	0.05002	0.15986	0.006073	0.000000
0.006302217	0.051875	0		0.000000
0.003760197	0.048438	0		0.000000
0.006076367	0.047986	0		0.000000
0.006331046	0.051529	0		0.000000
0.005152148	0.052655	0		0.000000
0.000847221	0.06125	0.081956	0.010313	0.000000
0.00249565	0.04834	0.065798	0.011027	0.000000
0.004898596	0.047799	0.081082	0.00708	0.000000
0.002848202	0.047371	0.075909	0.025738	0.000000
0.000511761	0.05471	0.076533	0.013502	0.000000
0.006460461	0.06831	0.107209	0.003665	0.000000
0.005397581	0.070881	0.090495	0.014756	0.000000
0.005789488	0.080745	0.081679	0.015565	0.000000
0.0046435	0.078384	0.089999	0.008294	0.000000
0.005157327	0.065288	0.059497	0.000441	0.000000
0.003536725	0.064472	0.046831	0.013231	0.000000
0.005894093	0.071417	0.065818	0.006867	0.000000
0.012005552	0.063644	0.135882	0.023398	0.000000
0.001	0.078463	0.139643	0.003614	
0.001	0.06559	0.108951	0.006218	
0.002	0.066169	0.102955	0.018442	
0.005	0.062705			
0.001	0.064319			
0.003	0.065784			
0.003	0.053774			
0.008	0.059185			
0.008	0.045161			
0.003	0.054762			0.455
0.005	0.049895			0.874
0.010	0.052894			0.904
0.001	0.046065			0.769
0.007	0.026856			0.519
0.014	0.023983			0.275
0.006	0.019615			0.28

DATE ICPMS2a	Ag(ppm)	stdev (Ag)	Al ICPMS (ppm)	stdev (Al)	As(ppm)	stdev (As)	Ba(ppm)	stdev (Ba)	Ba ICPMS (ppm)	stdev (Ba ICPMS)	Be(ppm)	stdev (Be)	Cd(ppm)
1/30/2018	0		0.393973	0.01433	0.008423	0.0003	0.53745	0.003219	0.453557	0.001323	0		0
2/14/2018	0		0.351196	0.008895	0.008611	0.002207	0.6213	0.003416	0.476788	0.002821	0		0
2/14/2018	0		0.359246	0.00473	0.009745	0.001696	0.56957	0.016565	0.426241	0.001326	0		0
2/14/2018	0		0.35098	0.013699	0.012178	0.001198	0.66171	0.00138	0.631916	0.004937	0		0
2/14/2018	0		0.299996	0.009055	0.008074	0.000765	0.6414	0.001455	0.561919	0.003694	0		0
2/14/2018	0		0.301087	0.005432	0.013526	0.002747	0.45808	0.008066	0.546896	0.003879	0		0
3/1/2018	0		0		0.010584	0.000356	0.28571	0.001923	0.589859	0.009339	0		0
3/1/2018	0		0		0.009338	0.000846	0.21336	0.005615	0.551101	0.002486	0		0
3/1/2018	0		0		0.010026	0.00096	0.19881	0.003839	0.53506	0.008327	0		0
3/1/2018	0		0		0.009919	0.0013	0.28244	0.002424	0.578858	0.009613	0		0
3/14/2018	0		0.309126	0.017108	0.00754	0.000664	0.30241	0.00493	0.508822	0.008137	0		0
3/14/2018	0		0.350207	0.010185	0.00871	0.0015	0.47853	0.004862	0.613722	0.016056	0		0
3/14/2018	0		0.295821	0.016223	0.010396	0.000269	0.44638	0.001169	0.560655	0.019134	0		0
4/4/2018	0		0		0.009203	0.000655	0.52479	0.00302	0.550013	0.006006	0		0
4/4/2018	0		0		0.008486	0.000826	0.44658	0.006588	0.543981	0.008652	0		0.001639
4/4/2018	0		0		0.009413	0.002145	0.54182	0.006154	0.604329	0.00571	0		0
4/4/2018	0		0		0.008388	0.00145	0.55748	0.002263	0.638096	0.012145	0		0
4/4/2018	0		0		0.008863	0.001117	0.51778	0.003288	0.643763	0.011775	0		0
4/4/2018	0		0.146119	0.024705	0.010161	0.001691	0.54117	0.000602	0.653037	0.010573	0		0
4/17/2018	0		0.436555	0.008392	0.007562	0.001374	0.53322	0.001546	0.673876	0.013824	0		0
4/17/2018	0		0.379617	0.010796	0.006793	0.002299	0.47435	0.001252	0.590992	0.017074	0.002356	0.001156	0.001909
4/17/2018	0		0.33562	0.009641	0.00719	0.00289	0.43296	0.003851	0.57087	0.005849	0		0
4/17/2018	0.017075	0.001813	0.358042	0.01159	0.008184	0.001518	0.46018	0.002048	0.58521	0.00371	0		0
4/25/2018	0		0.307708	0.002869	0.00671	0.000994	0.74899	0.009031	0.554566	0.014569	0		0
	0				0.006112		1.0573	0.002793			0		0
	0				0.005925		0.93601	0.001908			0		0
	0				0.005833		1.11	0.001622			0		0
	0				0.005866	0.000669	0.8607	0.006423			0		0
	0				0.005778	0.001317	0.85079	0.008744			0		0
	0				0.006991	0.000954	0.82555	0.00902			0		0
	0				0.005808	0.000539	0.69205	0.000253			0		0
	0				0.005264	0.001513	0.71875	0.001619			0		0
	0				0.0052	0.001267	0.5128	0.015416			0		0
	0				0.005279	0.000846	0.61159	0.009904			0		0
	0				0.00572	0.000661	0.48295	0.009224			0		0
	0				0.00554	0.000996	0.52836	0.003631			0		0
	0				0.004599	0.000243	0.46522	0.000842			0.000411	0.00015	0
	0				0.005357	0.000916	0.27682	0.012786			0		0
	0.0017254	0.000159			0.007492	0.001923	0.34027	0.001579			0		0
	0				0.005363	0.000852	0.32299	0.002242			0		0

stdev (Ti)	Cr ICP (ppm)	Cr OES est. (ppm)	stdev (Cr)	Cr, VI (ppm)
0.003	0.021184			0.492
0.001	0.01733			0.481
0.012	0.043769			0.165
0.007	0.017568			0.161
0.000	0.024005			0.326
0.011	0.023511			0.353
0.000	0.018991			0.333
0.003	0.023123			0.286
0.004	0.024901			
0.008	0.022835			

DATE ICPMS2a	Ag(ppm)	stdev (Ag)	Al ICPMS (ppm)	stdev (Al)	As(ppm)	stdev (As)	Ba(ppm)	stdev (Ba)	Ba ICPMS (ppm)	stdev (Ba ICPMS)	Be(ppm)	stdev (Be)	Cd(ppm)
	0.0021118	0.000203			0.005106	0.001188	0.31852	0.011498			0		0
	0				0.005561	0.001985	0.31583	0.024817			0		0
	0				0.005246	0.001105	0.31091	0.003867			0		0
	0				0.005204	0.000649	0.32541	0.001392			0		0
	0				0.004121	0.000805	0.33618	0.000939			0		0
	0.0018656	0.00018			0.006642	0.00258	0.3931	0.012774			0		0
	0				0.004397	0.000769	0.36866	0.001969			0		0
	0				0.004718	0.000751	0.36961	0.006527			0		0
	0				0.005203	0.00099	0.39521	0.009384			0		0
	0				0.005296	0.000249	0.3798	0.001889			0		0

stdev (Cd)	Co(ppm)	stdev (Co)	Cr (ppm)	stdev (Cr)	Cs(ppm)	stdev (Cs)	Cu(ppm)	stdev (Cu)	Li(ppm)	stdev (Li)	Li ICPMS (ppm)	stdev (Li ICPMS)	Mn ICPMS (ppm)	stdev (Mn ICPMS)	Mo(ppm)	Ni(ppm)	stdev (Ni)	Pb(ppm)	stdev (Pb)	Sb(ppm)	
	0		0.34366	0.005886	0.000432	1.5E-05	0.001914	9.64E-05	0.0411	7.38E-05	0.039998	0.000771	0.00642	9.48E-05	0.001	0.012572	0.000388	0		0.001	
	0.000483	2.35E-05	0.32407	0.003409	0.000455	8.36E-06	0		0.039958	3.77E-05	0.03553	0.000471	0.003672	0.000109	0.001112	0.010683	0.000203	0		0.001	
	0		0.28929	0.003081	0.000467	1.75E-05	0		0.039629	0.000192	0.036113	0.001626	0.004388	6.92E-05	0.001	0.010826	8.44E-06	0		0.001	
	0.000303	1.29E-05	0.29452	0.008636	0.000444	4.06E-06	0		0.038793	9.8E-05	0.035755	0.000758	0.003957	0.000111	0.001	0.010562	0.00059	0		0.001	
	0		0.24101	0.006759	0		0.001428	0.000332	0.029003	0.001144	0.036518	0.000704	0.005926	0.000214	0.001	0.010343	0.000184	0		0.001	
	0		0.28454	0.00389	0.000415	1.63E-05	0.001989	7.37E-05	0.02342	6.66E-06	0.038496	0.00106	0.006402	0.000686	0.001	0.01199	0.000301	0		0.001	
0.000149	0.016994	0.00054	0.1967	0.005926	0.001592	4.68E-05	0.13291	0.004487	0.15208	0.002336	0.1157	0.003104	0.44121	0.014046	0.021139	0.043749	0.000786	0.003308	7.19E-05	0.001467	
	0.01634	0.001183	0.27716	0.009203	0		0.49413	0.016888	0.11332	0.006294	0.103308	0.003961	0.625766	0.019126	0.022793	0.052116	0.002455	0.005208	0.00049	0.001	
0.000136	0.012746	0.000938	0.27872	0.000606	0.001323	8.1E-05	0.40457	0.026647	0.087589	0.004518	0.106683	0.002786	0.434846	0.022851	0.019118	0.041312	0.003051	0.004503	8.86E-05	0.001231	
	0.015819	0.000533	0.28873	0.016546	0		0.50718	0.022014	0.086731	0.026316	0.094769	0.005761	0.575483	0.019835	0.021615	0.051328	0.003017	0.00524	0.000432	0.001	
	0		0.001989	9.88E-05	0		0.001957	0.000141	0.026252	0.000673	0.027767	0.001002	0.070474	0.000376	0.001	0.001739	0.000179	0		0.001	
4.6E-05	0.012396	0.000132	0.26528	0.002649	0.001439	9.47E-05	0.3774	0.013462	0.097687	7.91E-06	0.106043	0.006396	0.433569	0.018057	0.01825	0.040455	0.002251	0.003879	9.93E-05	0.001	
0.004796	0.023904	0.005812	0.26851	0.00122	0.005393	0.003361	0.48694	0.03334	0.096146	0.015713	0.134628	0.009621	0.57723	0.020493	0.02217	0.059443	0.006345	0.011142	0.004527	0.001	
	0.016106	0.000599	0.29061	0.00787	0		0.52543	0.014328	0.09875	0.014105	0.089557	0.003189	0.623461	0.026098	0.022522	0.051769	0.001695	0.005118	0.000281	0.001	
	0.013669	0.000624	0.28117	0.005482	0		0.46906	0.01296	0.076011	0.021492	0.086841	0.003929	0.519148	0.008683	0.018843	0.04677	0.001643	0.005953	0.000249	0.001	
9.58E-05	0.013369	0.000263	0.27447	0.004665	0.001542	3.27E-05	0.39352	0.014643	0.092492	0.008668	0.113826	0.004866	0.469632	0.004365	0.019458	0.044324	0.002338	0.00656	0.000119	0.001	
	0.013865	0.000737	0.25888	0.010188	0		0.77664	0.046195	0.089305	0.011255	0.118005	0.009392	0.485806	0.019863	0.001	0		0.062672	0.001646	0.001	
0.000136	0.014067	0.000294	0.27338	0.002982	0.001614	0.000105	0.39918	0.003187	0.10108	0.000567	0.118408	0.002061	0.500313	0.008245	0.019244	0.044624	0.001386	0.004275	5.92E-05	0.001	
	0.01696	0.001081	0.28535	0.011671	0		0.52243	0.007131	0.11278	0.011757	0.089655	0.005699	0.659295	0.031713	0.02274	0.053489	0.001932	0.005344	0.000633	0.001	
0.000158	0.013217	0.000638	0.27542	0.005407	0.00148	6.82E-05	0.36398	0.013379	0.10309	0.016326	0.112314	0.00316	0.449518	0.00805	0.018162	0.043654	0.001064	0.003466	0.000191	0.001	
	0.01568	0.001221	0.27369	0.002385	0		0.51112	0.017906	0.16814	0.002562	0.083561	0.007306	0.611081	0.008818	0.022602	0.052466	0.003561	0.00441	0.000354	0.001246	
0.000189	0.016502	0.000287	0.27684	0.011014	0.001778	0.000109	0.4446	0.011148	0.17681	0.004146	0.139004	0.004746	0.581126	0.017515	0.023423	0.054086	0.001751	0.004088	0.000275	0	
0.000304	0.020687	0.000285	0.27132	0.009497	0.002533	0.000191	0.52292	0.017261	0.16389	0.034125	0.160443	0.004445	0.691283	0.02756	0.027126	0.06568	0.001971	0.005579	0.000443	0.001031	
0.000271	0.016553	0.000592	0.27372	0.003808	0.001831	1.18E-05	0.4272	0.011074	0.16564	0.02101	0.133004	0.003448	0.583664	0.003878	0.022693	0.051125	0.000807	0.003712	0.000108	0	
0.000261	0.045093	0.000276	0.20897	0.004992	0.003977	0.00017	0.93986	0.042322	0.2456	0.037087	0.317821	0.017777	1.596973	0.054314	0.064586	0.13709	0.00363	0.010755	0.000405	0.002927	
	0.024599	0.001637	0.24586	0.00549	0		0.5056	0.032519	0.19073	0.022463	0.186153	0.009867	0.826479	0.033665	0	0.034445	0.005307	0.003546	0.000343	0	
	0.022559	0.001727	0.26413	0.025269	0		1.12	0.069222	0.17966	0.000351	0.168201	0.006216	1.013131	0.134316	0.030134	0.06625	0.001427	0		0.001499	
	0.060251	0.001611	0.80988	0.029242	0.00488	0.000272	0.65049	0.029045	0.12978	0.006353	0.084673	0.001398	3.126392	0.148165	0	0.73986	0.003099	0.17597	0.001271	0	
	0.068448	0.001745	0.91497	0.026439	0		0.66496	0.046153	0.059621	0.015018	0.104556	0.009579	4.153211	0.205339	0	0.78304	0.049891	0.12032	0.001273	0	
	0.06286	0.00085	0.85178	0.023452	0.005456	0.000105	0.62298	0.00975	0.072731	0.037601	0.082517	0.00163	3.845384	0.125663	0.018754	0.75911	0.018268	0.11966	0.000382	0.008008	
	0.065402	0.001685	0.9453	0.036814	0.005229	0.000248	0.62448	0.013323	0.096551	0.01018	0.084523	0.006949	4.109795	0.032031	0.018981	0.83541	0.019732	0.11669	0.000875	0.008357	
	0.073868	0.00374	1.1039	0.031174	0.005968	0.000223	0.62947	0.010839	0.083593	0.02419	0.090953	0.00032	4.917811	0.113037	0	0.91737	0.040033	0.12759	0.004056	0	
	0.089008	0.004151	1.0966	0.011235	0.006301	0.000195	0.48894	0.015824	0.13439	0.000972	0.097668	0.001854	6.3213	0.137328	0.02414	1.0009	0.015415	0.10676	0.003324	0.010147	
	0.15632	0.002447	1.3604	0.028488	0.010317	0.000269	0.39418	0.009164	0.16973	0.032763	0.142526	0.002723	14.15196	0.737992	0.033647	1.3562	0.0281	0.056076	0.001535	0.008025	
	0.13172	0.001937	1.3477	0.043581	0.009212	0.000138	0.41194	0.002618	0.13183	0.010098	0.128637	0.009718	12.0444	0.288423	0.028257	1.2681	0.018689	0.080292	0.002223	0.00768	
0.0159	0.17648	0.013443	1.3815	0.041806	0.03993	0.016239	0.38419	0.016723	0.18028	0.006051	0.169621	0.01524	13.41971	0.246964	0.028008	1.3528	0.039368	0.10684	0.017617	0.008019	
	0.16701	0.003192	1.4115	0.025306	0.012778	0.000742	0.29428	0.006408	0.18399	0.000266	0.157757	0.003308	15.11361	0.069632	0	1.4254	0.016477	0.050274	0.001227	0	
	0.17143	0.001688	1.4314	0.003286	0.011844	0.000331	0.31043	0.008898	0.18532	0.030511	0.157076	0.002931	15.66136	0.171423	0	1.4668	0.044507	0.069216	0.002165	0	
	0.19499																				

stdev (Cd)	Co(ppm)	stdev (Co)	Cr (ppm)	stdev (Cr)	Cs(ppm)	stdev (Cs)	Cu(ppm)	stdev (Cu)	Li(ppm)	stdev (Li)	Li ICPMS (ppm)	stdev (Li ICPMS)	Mn ICPMS (ppm)	stdev (Mn ICPMS)	Mo(ppm)	Ni(ppm)	stdev (Ni)	Pb(ppm)	stdev (Pb)	Sb(ppm)
0.000982	0.20876	0.010361	1.4094	0.007938	0.01412	0.000126	0.25918	0.009942	0.17369	0.01222	0.185864	0.017871	19.74439	0.882999	0	1.6424	0.061291	0.085719	0.001429	0
6.28E-05	0.19322	0.006389	1.2259	0.009681	0.012553	0.000651	0.22753	0.012081	0.19413	0.002364	0.197528	0.003005	18.80417	0.178874	0.001	1.4174	0.063989	0.11087	0.001174	0.001
	0.21918	0.004731	1.4167	0.007275	0.010827	0.000298	0.25745	0.013109	0.18688	0.002218	0.216881	0.000974	23.37912	0.471887	0.001	1.5632	0.046495	0.15682	0.002965	0.001
	0.20726	0.00538	1.3494	0.046191	0.014161	0.000678	0.23749	0.00303	0.19999	0.026475	0.181834	0.003741	20.2927	0.477132	0.001	1.5094	0.025771	0.17869	0.001819	0.001
0.000187	0.2153	0.002656	1.3713	0.015805	0.015138	0.000203	0.26474	0.00584	0.19902	0.012388	0.205468	0.009163	21.59675	0.188979	0	1.6025	0.04573	0.19928	0.002737	0
	0.21578	0.002385	1.3483	0.059044	0.01459	0.000586	0.26043	0.010472	0.19773	0.013392	0.19387	0.005302	21.83918	0.387979	0	1.6079	0.028097	0.20155	0.004839	0
	0.21537	0.005238	1.3448	0.034376	0.014382	0.000355	0.26928	0.004968	0.16597	0.022491	0.192874	0.003622	21.57919	0.268806	0.001	1.5657	0.037869	0.237	0.005528	0.001
	0.21802	0.008951	1.3692	0.048119	0.01513	0.000616	0.28009	0.008132	0.18783	0.002756	0.193817	0.00762	21.77903	0.648184	0.001	1.5761	0.025935	0.21598	0.003133	0.001
0.000199	0.24751	0.010157	1.5673	0.051077	0.016113	0.000125	0.31571	0.012996	0.3862	0.028071	0.240344	0.011799	24.30817	0.733005	0	1.762	0.04715	0.28999	0.002484	0
0.017795	0.26752	0.016689	1.3931	0.017271	0.04802	0.019809	0.29459	0.017484	0.19538	0.010739	0.242184	0.01275	23.91621	0.468658	0.001	1.6676	0.054057	0.32445	0.018065	0.001
0.001297	0.23785	0.009964	1.4048	0.010532	0.018464	0.001599	0.27292	0.01212	0.24493	0.004201	0.214498	0.003588	24.0293	1.041932	0.001	1.6008	0.094345	0.30897	0.003467	0.001
	0.22773	0.006129	1.3499	0.018235	0.01651	0.000537	0.24835	0.006033	0.24131	0.005157	0.202105	0.003983	23.36279	1.040539	0.001	1.5374	0.082029	0.27938	0.002927	0.001
	0.24149	0.002606	1.4847	0.037119	0.017526	0.000273	0.28293	0.002319	0.30454	0.003907	0.219758	0.004291	24.95771	0.593372	0.001	1.5969	0.035747	0.26459	0.002017	0.001
	0.2339	0.011752	1.4204	0.037541	0.016961	0.001138	0.20399	0.007381	0.3473	0.009491	0.208806	0.01399	24.17019	1.341416	0.001	1.5349	0.031795	0.27867	0.00371	0.001
0.000768	0.22342	0.011355	1.2174	0.06311	0.016217	0.000691	0.16786	0.015207	0.27994	0.003605	0.230578	0.00668	23.51085	0.575009	0.001	1.3696	0.030887	0.25137	0.001528	0.001
	0.23113	0.007592	1.3271	0.016845	0.018778	0.000531	0.18519	0.006607	0.24983	0.002152	0.219928	0.00838	24.81349	0.265716	0.001	1.4054	0.040177	0.24868	0.00269	0.001
	0.23885	0.006482	1.3942	0.029185	0.01785	0.000291	0.20014	0.00314	0.26812	0.004412	0.228848	0.003391	26.17842	0.60712	0.001	1.5242	0.002183	0.26567	0.003236	0.001
	0.23969	0.007972	1.3419	0.032129	0.017812	0.000814	0.18071	0.007575	0.29806	0.014536	0.230557	0.012067	26.24317	1.212278	0	1.4462	0.068022	0.22295	0.00447	0
	0.24489	0.006219	1.3583	0.036999	0.017996	0.00012	0.25019	0.006416	0.30109	0.012369	0.235802	0.005865	26.59852	0.256413	0	1.4536	0.014596	0.24128	0.001853	0
	0.24254	0.009424	1.1471	0.057131	0.025631	0.006397	0.20281	0.013855	0.29801	0.003009	0.29752	0.007935	28.65664	0.527105	0	1.388	0.036097	0.23085	0.011034	0
8.21E-05	0.24365	0.008711	1.2945	0.032723	0.01793	0.000522	0.12792	0.004625	0.28676	0.005351	0.244846	0.001543	26.20744	0.337192	0	1.4184	0.056441	0.18404	0.001065	0
	0.28212	0.017507	1.386	0.033816	0.021061	0.000367	0.20885	0.00962	0.33105	0.005796	0.329895	0.014778	35.30678	0.82127	0	1.6564	0.064694	0.24837	0.005355	0
	0.22925	0.00575	1.1322	0.022321	0		0.16849	0.001482	0.31166	0.008426	0.297108	0.007201	28.74774	0.627882	0	1.3044	0.038613	0.17427	0.003245	0
	0.22118	0.004499	1.0233	0.03528	0		0.6225	0.010154	0.3069	0.008064	0.268715	0.004652	26.82212	0.548705	0	1.1913	0.041919	0.13918	0.005195	0
	0.22754	0.009371	1.0713	0.049425	0		0.15939	0.006709	0.32179	0.021307	0.280652	0.003441	28.26045	0.962084	0	1.2585	0.017174	0.17342	0.003399	0
	0.24115	0.004516	1.142	0.037232	0		0.21394	0.009047	0.33522	0.019531	0.304399	0.007508	30.07554	1.090644	0	1.3283	0.021989	0.16753	0.002341	0
	0.24738	0.004458	1.1197	0.04039	0		0.19556	0.003795	0.325	0.025823	0.324555	0.013103	32.3796	0.848193	0	1.2673	0.021419	0.12109	0.002985	0
	0.21826	0.005963	0.95612	0.034716	0		0.16008	0.002205	0.32799	0.026491	0.283621	0.002512	27.53794	0.824536	0	1.0976	0.009682	0.13197	0.004856	0
	0.21784	0.010054	0.93262	0.004921	0		0.15005	0.006879	0.33393	0.037563	0.283874	0.010273	27.78116	0.617053	0	1.1111	0.018856	0.13426	0.002082	0
	0.2258	0.007504	0.98255	0.037258	0.02469	0.001307	0.426	0.007649	0.33227	0.010519	0.306379	0.007326	28.12788	0.501329	0	1.1418	0.033147	0.16424	0.001599	0
	0.22159	0.004631	0.90906	0.028552	0		0.09285	0.005582	0.33722	0.019172	0.269919	0.013304	29.82427	0.917736	0	1.0656	0.040377	0.10637	0.000815	0
	0.20962	0.009271	0.86716	0.007583	0		0.144	0.010276	0.35705	0.026191	0.293269	0.025382	27.59452	0.552686	0	0.99968	0.044793	0.11633	0.002759	0
	0.18763	0.007628	0.7697	0.036256	0		0.12318	0.005258	0.33423	0.019349	0.265735	0.008241	24.98513	0.112798	0	0.88872	0.0205	0.091531	0.001694	0
	0.16104	0.002129	0.41033	0.026973	0		0.099933	0.005872	0.29955	0.030038	0.265934	0.009067	24.53948	0.665225	0	0.61656	0.027872	0.030442	0.000725	0
	0.17537	0.00444	0.69557	0.029453	0		0.22417	0.005323	0.33601	0.027662	0.248523	0.010969	23.20017	0.925482	0	0.80185	0.040329	0.13165	0.003777	0
	0.15268	0.006938	0.45473	0.01095	0.015078	0.000298	0.15908	0.004848	0.23907	0.008004	0.210636	0.009411	22.10707	0.794738	0	0.63452	0.02777	0.097102	0.003036	0

stdev (Cd)	Co(ppm)	stdev (Co)	Cr (ppm)	stdev (Cr)	Cs(ppm)	stdev (Cs)	Cu(ppm)	stdev (Cu)	Li(ppm)	stdev (Li)	Li ICPMS (ppm)	stdev (Li ICPMS)	Mn ICPMS (ppm)	stdev (Mn ICPMS)	Mo(ppm)	Ni(ppm)	stdev (Ni)	Pb(ppm)	stdev (Pb)	Sb(ppm)	
0.001632	0.18199	0.002718	0.45976	0.014825	0.070033	0.002695	0.079175	0.006095	0.32582	0.028625	0.251337	0.005583	26.0272	0.484598	0	0.65865	0.018484	0.082873	0.002422	0	
	0.15635	0.00283	0.17716	0.002742	0.010858	0.000204	0		0.30409	0.021525	0.209683	0.00204	24.81844	0.720675	0	0.4718	0.012067	0.010529	0.001321	0	
	0.14654	0.000204	0.14487	0.001899	0.010531	0.000582	0		0.29691	0.02288	0.214566	0.008481	23.79798	0.292692	0	0.4192	0.013452	0.008004	0.000769	0	
	0.14805	0.004386	0.1425	0.008631	0.011002	0.000805	0		0.1655	0.001731	0.211072	0.01035	23.73084	0.384562	0	0.40595	0.01515	0.006648	0.000337	0	
	0.1448	0.00177	0.12212	0.004492	0.010733	0.000303	0.010976	0.005803	0.14182	0.008229	0.212321	0.003118	22.88974	0.413558	0	0.3947	0.001639	0.014178	0.00096	0	
	0.13906	0.004598	0.11337	0.00289	0.010076	0.000129	0		0.16787	0.01222	0.200668	0.008797	22.47136	1.014309	0	0.37795	0.017842	0.005148	0.000578	0	
	0.15084	0.002956	0.11907	0.001603	0.010978	0.000102	0		0.28111	0.024405	0.213712	0.006841	23.71966	1.109325	0	0.41179	0.010832	0.005979	0.000479	0	
	0.14347	0.002388	0.11556	0.003855	0.011469	0.000994	0		0.28377	0.01987	0.203191	0.010126	22.32891	0.420668	0	0.38545	0.011985	0.008256	0.004111	0	
	0.14914	0.006857	0.11353	0.005119	0.011728	0.000847	0		0.25806	0.022261	0.203385	0.004032	23.88786	0.816516	0	0.41209	0.015723	0.007058	0.00177	0	
	0.14998	0.007373	0.12015	0.004643	0.011799	0.000723	0		0.27705	0.021524	0.215522	0.012518	24.37865	1.314079	0	0.40542	0.018851	0.009111	0.002539	0	
	0.14462	0.004916	0.11365	0.002376	0.010862	0.000548	0		0.29732	0.021365	0.199548	0.004123	23.00516	0.591948	0	0.39343	0.004134	0.007195	0.000585	0	
	0.14767	0.006314	0.11664	0.003701	0.010935	0.000285	0		0.13892	0.021449	0.207557	0.006463	23.57206	0.686835	0	0.38652	0.003868	0.011436	0.005717	0	
	0.14126	0.00686	0.10814	0.003199	0.010869	0.000187	0		0.32676	0.024717	0.189014	0.005209	22.46624	0.653781	0	0.38484	0.007598	0.005829	0.000679	0	
	0.15876	0.004997	0.12133	0.006638	0.011964	0.000566	0		0.34025	0.003641	0.219426	0.009755	25.62903	0.416561	0	0.43165	0.015102	0.007577	0.000919	0	
	0.1632	0.005622	0.12484	0.011445	0	0	0		0.32881	0.003996	0.235101	0.005269	27.63123	0.507277	0	0.4802	0.022957	0.015529	0.000601	0	
	0.13578	0.006333	0.09581	0.002427	0.010062	0.000414	0		0.31796	0.000235	0.186537	0.003959	21.28097	0.256976	0	0.35355	0.01168	0.005505	0.000384	0	
	0.14542	0.001382	0.10843	0.004465	0.011324	0.00015	3.1238	0.024849	0.34084	0.007803	0.20289	0.002691	23.69332	0.509744	0	0.39147	0.021231	0.18143	0.004075	0	
	0.14353	0.00453	0.10444	0.005246	0.012328	0.001648	0		0.32692	0.005633	0.194212	0.005408	22.29802	0.37844	0	0.3783	0.005894	0.005779	0.001731	0	
	0.1503	0.001825	0.10946	0.005579	0.011599	0.000436	0		0.32625	0.000426	0.204033	0.014602	24.84184	0.446198	0	0.40995	0.010817	0.005623	0.000698	0	
	0.14374	0.003984	0.097692	0.003112	0.010294	0.00048	0		0.3325	0.000119	0.193572	0.006461	22.9977	0.538539	0	0.38353	0.010324	0.005689	0.000957	0	
	0.1418	0.009618	0.10884	0.000788	0.010794	0.00047	0		0.33505	0.007007	0.193622	0.005887	22.38195	0.260902	0	0.37678	0.016717	0.008338	0.001239	0	
	0.13714	0.002358	0.11305	0.004556	0.014749	0.000566	0.04244	0.000742	0.34546	0.002842	0.203634	0.006995	22.92792	0.456198	0	0.45157	0.014936	0.028658	0.001333	0	
	0.12152	0.00628	0.11188	0.004027	0.012836	0.000523	0.064043	0.004143	0.32664	0.006884	0.177595	0.006405	18.91088	1.140726	0	0.38725	0.018517	0.031911	0.001541	0	
	0.12001	0.002181	0.1741	0.006946	0.012518	0.000588	0.054411	0.001762	0.31724	0.000406	0.181125	0.003793	18.57591	0.304517	0	0.41453	0.015786	0.031159	0.000364	0	
	0.1273	0.002609	0.15302	0.006665	0.013737	0.000603	0.048127	0.001584	0.31882	0.002657	0.185572	0.005144	19.71645	0.431643	0	0.41686	0.00868	0.029608	0.000617	0	
	0.11835	0.009916	0.14963	0.002503	0.012154	0.000605	0.052897	0.001347	0.32011	0.00123	0.168629	0.004725	18.4634	0.315909	0	0.39698	0.011332	0.025879	0.000981	0	
	0.12529	0.005159	0.14949	0.003869	0.012682	0.000729	0.0266	0.000748	0.14157	0.009305	0.169528	0.008699	18.2154	1.042663	0	0.36939	0.007763	0.01631	0.000486	0	
	0.11563	0.001578	0.1555	0.00979	0.012077	0.000741	0.041272	0.002038	0.10966	0.009974	0.167741	0.003561	16.44191	0.123963	0	0.36668	0.014005	0.023339	0.000412	0	
	0.13276	0.004956	0.1727	0.001419	0.012701	0.000212	0.059888	0.000519	0.10604	0.009952	0.20193	0.003286	19.97652	0.382363	0	0.40668	0.009507	0.026928	0.000762	0	
	0.14847	0.002804	0.14401	0.001851	0.014831	0.000179	0.03419	0.000786	0.083701	0.013114	0.217779	0.007012	24.0849	0.276526	0	0.45024	0.011903	0.022909	0.000648	0	
	0.12661	0.002969	0.1644	0.004032	0.011778	0.00015	0.085528	0.001318	0.12131	0.01018	0.19242	0.012028	19.31992	0.906986	0	0.38985	0.005989	0.021619	0.000311	0	
	0.11957	0.001735	0.14056	0.008336	0.011531	0.000225	0.10602	0.006196	0.088062	0.003109	0.195579	0.010017	17.89933	0.439047	0	0.38014	0.009734	0.042241	0.000737	0	
	0.13236	0.003869	0.15749	0.012375	0.012515	0.000619	0.10686	0.001899	0.10009	0.002479	0.209104	0.003285	19.19575	0.632907	0	0.41993	0.007824	0.030431	0.000531	0	
	0.10503	0.004556	0.10576	0.000877	0.010981	0.000265	0.094678	0.000722	0.075911	0.019846	0.163467	0.002463	16.0558	0.428481	0	0.32438	0.004985	0.031336	0.000249	0	
	0.11691	0.001387	0.092413	0.002578	0.012825	0.000129	0.038514	0.001125	0.1037	0.00638	0.19506	0.008916	16.78173	0.168283	0	0.34868	0.002483	0.016435	0.000364	0	
0.006151	0.1217	0.005915	0.13774	0.00396	0.016925	0.00391	0.16243	0.004986	0.1053	0.034039	0.204272	0.006127	17.22837	0.552972	0	0.37555	0.003286	0.040574	0.004788	0	
	0.098732	0.002371	0.092944	0.004756	0.010557	0.000561	0.071072	0.001532	0.11683	0.010578	0.168173	0.009291	15.25906	0.070561	0	0.3206	0.004135	0.017952	0.000408	0	

stdev (Cd)	Co(ppm)	stdev (Co)	Cr (ppm)	stdev (Cr)	Cs(ppm)	stdev (Cs)	Cu(ppm)	stdev (Cu)	Li(ppm)	stdev (Li)	Li ICPMS (ppm)	stdev (Li ICPMS)	Mn ICPMS (ppm)	stdev (Mn ICPMS)	Mo(ppm)	Ni(ppm)	stdev (Ni)	Pb(ppm)	stdev (Pb)	Sb(ppm)
0.000401	0.091157	0.004295	0.089263	0.006004	0.009799	0.000156	0.086969	0.002519	0.19842	0.021493	0.144441	0.005072	13.93019	0.181837	0	0.30136	0.006762	0.015863	0.000725	0
	0.084692	0.003139	0.072773	0.003924	0.009228	0.000174	0.049683	0.001793	0.18921	0.033547	0.124867	0.009138	12.75136	0.01989	0	0.27413	0.010242	0.016402	0.000295	0
	0.084254	0.001012	0.071887	0.002725	0.009436	0.000371	0.049599	0.000995	0.19444	0.044949	0.12556	0.005228	12.42194	0.141637	0	0.2678	0.014132	0.018294	0.000246	0
	0.092506	0.001271	0.049205	0.001871	0.010865	0.000146	0.018529	0.001305	0.23093	0.038358	0.128319	0.003751	14.07191	0.369819	0	0.28051	0.004047	0.015957	0.000509	0
	0.080904	0.001597	0.050348	0.001595	0.00953	0.000301	0.017148	0.001052	0.22444	0.047993	0.115163	0.004672	12.06547	0.162316	0	0.25895	0.010685	0.015641	0.001264	0
	0.074506	0.000825	0.05002	0.002291	0.009556	0.000101	0.082091	0.004155	0.11423	0.042624	0.105023	0.003973	11.26255	0.180854	0	0.28317	0.004664	0.033383	0.000738	0
	0.074546	0.002856	0.051875	0.001398	0.010083	0.000158	0.023592	0.002409	0.09448	1.42E-05	0.13163	0.006842	11.31044	0.320118	0	0.24882	0.010306	0.021101	0.000696	0
	0.069739	0.000758	0.048438	0.001685	0.009897	0.000271	0.019938	0.001041	0.10577	0.002841	0.130017	0.004986	10.37986	0.04664	0	0.24682	0.00387	0.018823	0.00063	0
	0.064864	0.001227	0.047986	0.003909	0.009083	0.000352	0.027095	0.001866	0.0763	0.007854	0.120999	0.003309	9.506118	0.200804	0	0.23057	0.004466	0.02377	0.000161	0
	0.068627	0.001391	0.051529	0.007532	0.009429	0.000124	0.035434	0.00121	0.093238	0.018832	0.124997	0.00679	10.05275	0.073457	0	0.23718	0.004432	0.023801	0.000984	0
	0.062895	0.004259	0.052655	0.010805	0.008427	0.000144	0.047682	0.001083	0.11424	0.002625	0.097414	0.004739	8.665705	0.377784	0	0.24004	0.014447	0.02772	0.000265	0
	0.081374	0.003099	0.06125	0.001847	0.009922	0.000308	0.033867	0.000217	0.074003	0.001654	0.109602	0.010662	11.70412	0.625063	0	0.3015	0.005546	0.018433	0.000375	0
	0.067384	0.001801	0.04834	0.00138	0.00895	0.00036	0.031143	0.002086	0		0.096365	0.007004	9.441826	0.390522	0	0.24565	0.012286	0.019324	0.000136	0
	0.060592	0.00354	0.047799	0.001634	0.008575	8.54E-05	0.030601	0.001352	0.061495	0.000611	0.095999	0.001041	8.795581	0.469766	0	0.21402	0.011942	0.022122	0.000153	0
	0.061214	0.00279	0.047371	8.2E-05	0.008896	0.000201	0.03858	0.002085	0		0.09231	0.007838	8.696206	0.510718	0	0.22087	0.009119	0.029008	0.000771	0
	0.067881	0.002346	0.05471	0.001368	0.009172	0.000121	0.036492	0.001254	0		0.104939	0.001252	9.961481	0.112064	0	0.23917	0.012493	0.025571	0.0001	0
	0.083262	0.002202	0.06831	0.000797	0.009911	3.41E-05	0.032487	0.001646	0.065519	0.024274	0.113498	0.009199	12.50952	0.115742	0	0.30378	0.008644	0.020247	0.000283	0
	0.080984	0.006654	0.070881	0.002893	0.010035	0.000447	0.027317	0.001323	0.087042	0.005697	0.116023	0.0052	12.7664	0.893151	0	0.30555	0.021622	0.018465	0.000563	0
	0.088404	0.004532	0.080745	0.004162	0.010489	0.000161	0.03326	0.008509	0		0.122674	0.008553	13.7215	0.737327	0	0.32053	0.016338	0.018942	0.001007	0
0.00113	0.092892	0.003758	0.078384	0.002345	0.010966	0.000167	0	0	0		0.16694	0.008537	14.1809	0.606827	0	0.3194	0.012024	0.018837	0.000369	0
	0.074316	0.000584	0.065288	0.000294	0.0108	0.001222	0	0	0		0.142719	0.00345	10.688	0.325317	0	0.25913	0.001604	0.027342	0.002352	0
	0.067341	0.002366	0.064472	0.001877	0.008947	0.000247	0	0	0		0.128505	0.012147	10.17624	0.462044	0	0.22744	0.010409	0.022536	0.000309	0
	0.0772	0.000742	0.071417	0.002305	0.009087	7.4E-05	0	0	0		0.120362	0.003423	11.76929	0.12347	0	0.2601	0.004992	0.017578	0.001125	0
	0.072461	0.001343	0.063644	0.002988	0.009117	0.000429	0.033308	0.009376	0		0.118781	0.005438	10.84864	0.215549	0	0.25983	0.0064	0.017844	0.000407	0
	0.097399		0.078463		0.010566		0.004433		0.13363	0.035065					0	0.36938		0.002816		0
	0.083153		0.06559		0.010347		0		0.11137	0.035656					0	0.32605		0.003869		0
	0.086872		0.066169		0.010318		0		0.13613	0.048814					0	0.33169		0.002853		0
	0.087517	0.006495	0.062705	0.001645	0.01006	0.000301	0		0.1108	0.002656					0	0.32283	0.017283	0.003194	0.000931	0
	0.096014	0.00455	0.064319	0.00265	0.010121	0.000371	0		0.10874	0.011733					0	0.34085	0.013473	0.001751	0.000575	0
	0.08288	0.001575	0.065784	0.003041	0.009518	0.000282	0		0.1557	0.035865					0	0.3084	0.004241	0.003439	0.000152	0
	0.070159	0.000371	0.053774	0.001454	0.008808	0.000143	0		0.11782	0.001611					0	0.26411	0.006297	0.001884	0.00083	0
	0.07593	0.003187	0.059185	0.001401	0.009051	0.000531	0.006495	0.000729	0.096928	0.035202					0	0.27796	0.009129	0.002623	0.000833	0
	0.056294	0.001046	0.045161	0.001128	0.008634	0.000886	0		0.093545	0.049512					0	0.22128	0.003848	0.003113	0.001272	0
	0.071121	0.001441	0.054762	0.000207	0.008609	0.000113	0		0.1117	0.028142					0	0.26395	0.011171	0.002998	0.000216	0
	0.053961	0.001603	0.049895	0.001792	0.007881	0.00024	0.007676	0.000801	0.11498	0.01617					0	0.20863	0.002014	0.005901	0.000131	0
	0.066032	0.001582	0.052894	0.000358	0.007976	0.000506	0.010073	0.000682	0.090149	0.002139					0	0.24683	0.00313	0.004284	0.000747	0
	0.054771	0.001574	0.046065	0.000785	0.006922	0.000628	0.87017	0.007851	0.0949	0.004345					0	0.20793	0.004028	0.065523	0.000409	0
	0.024268	0.000797	0.026856	0.000658	0.005132	0.00028	0.006377	0.004907	0						0	0.11387	0.003463	0		0
	0.020034	0.000831	0.023983	0.000413	0.004897	0.000245	0.030954	0.00017	0.070316	0.001488					0	0.091035	0.003534	0.01888	0.000879	0
	0.01636	0.000365	0.019615	0.001555	0.004681	0.000257	0.015894	0.000489	0						0	0.078156	0.000769	0.007054	0.000127	0

stdev (Cd)	Co(ppm)	stdev (Co)	Cr (ppm)	stdev (Cr)	Cs(ppm)	stdev (Cs)	Cu(ppm)	stdev (Cu)	Li(ppm)	stdev (Li)	Li ICPMS (ppm)	stdev (Li ICPMS)	Mn ICPMS (ppm)	stdev (Mn ICPMS)	Mo(ppm)	Ni(ppm)	stdev (Ni)	Pb(ppm)	stdev (Pb)	Sb(ppm)
	0.013714	0.000943	0.021184	0.00088	0.004568	9.02E-05	0.015891	0.00152	0						0	0.073093	0.003194	0.009436	0.000386	0
	0.012163	0.000481	0.01733	0.000982	0.004555	0.000209	0.017201	0.00053	0						0	0.068209	0.003469	0.007857	0.00031	0
	0.012404	0.000211	0.043769	0.000534	0.004167	9.52E-05	0.017618	0.000522	0						0	0.06637	0.001019	0.005005	7.32E-05	0
	0.012336	0.000256	0.017568	0.000451	0.004055	0.000119	0.012298	0.000495	0						0	0.06677	0.001335	0.006886	0.000246	0
	0.012522	0.000843	0.024005	0.001526	0.005007	0.000104	0.017538	0.000505	0.085825	0.035878					0	0.070718	0.003146	0.007631	0.000174	0
	0.012062	0.001199	0.023511	0.000376	0.004432	2.17E-05	0.018693	0.00186	0.079718	0.012563					0	0.066512	0.005566	0.007977	0.000227	0
	0.011288	0.000322	0.018991	0.001408	0.004388	3.82E-05	0.010048	0.000452	0.10424	0.016483					0	0.063743	0.005173	0.005322	0.000251	0
	0.012023	0.000449	0.023123	0.001208	0.004277	0.000212	0.018759	0.001454	0.092299	0.015671					0	0.069129	0.002484	0.007729	6.2E-05	0
	0.011685	0.000348	0.024901	0.00102	0.004515	7.18E-05	0.011215	0.000598	0.081139	0.032674					0	0.061564	0.000879	0.014818	0.000536	0
	0.011303	0.000496	0.022835	0.000208	0.004609	0.000113	0.017895	0.001024	0.067165	0.022983					0	0.061415	0.005468	0.003923	0.000276	0

Se(ppm)	stdev (Se)	Sn(ppm)	Sr(ppm)	stdev (Sr)	Sr ICPMS (ppm)	stdev (Sr ICPMS)	Ti(ppm)	stdev (Ti)	Tl(ppm)	stdev (Tl)	U(ppm)	stdev (U)	V(ppm)	stdev (V)	Zn(ppm)	stdev (Zn)	Zn ICPMS (ppm)	stdev (Zn ICPMS)
0		0.001	0.18707		0.182463	0.003066	0		0		0.0014	2.53E-05	0.004106	5.81E-05	0		0	
0		0.001	0.18314		0.177084	0.00124	0		0		0.001338	2.27E-05	0.004382	0.000151	0		0	
0		0.001	0.18424		0.177018	0.002509	0		0		0.001327	2.27E-05	0.004219	7.06E-05	0		0	
0		0.001	0.17622		0.17814	0.004157	0		0		0.001297	1.11E-05	0.004295	2.33E-05	0		0	
0		0.001	0.16863		0.162535	0.004287	0		0		0.001272	1.14E-05	0.0042	0.000101	0		0	
0.005132	0.001332	0.001	0.17744		0.179828	0.001921	0		0		0.001476	5E-05	0.00428	8.22E-05	0		0	
0		0.001919	1.2919		1.249788	0.056415	0		0.00035	2.23E-05	0.001467	0.000143	0.023479	0.0008	0.28087		0.195623	0.006797
0.053346	0.031445	0.002679	1.305		1.424736	0.056519	0		0		0		0.032135	0.001171	0.41856		0.424318	0.024401
0		0.002866	1.0347		1.139474	0.011995	0		0.000306	3.22E-05	0.002006	9.46E-05	0.024565	0.001697	0.31574		0.294797	0.011189
0.04488	0.041765	0.003077	1.2354		1.3685	0.03195	0		0		0		0.032441	0.001036	0.38284		0.347909	0.013273
0		0.001	0.079172		0.082973	0.001971	0		0		0.000468	1.6E-05	0.007758	0.000283	0.033856		0.031301	0.000617
0.005571	0.006217	0.002177	1.0728		1.144568	0.033625	0		0.000321	2.29E-05	0.001896	0.000115	0.023863	0.001149	0.33105		0.305771	0.008558
0		0.002503	1.2873		1.426437	0.03516	0		0.004513	0.003414	0.019092	0.005391	0.036837	0.005427	0.46419		0.349803	0.019294
0.028875	0.04831	0.002984	1.2818		1.457056	0.030006	0		0		0		0.035016	0.001289	0.39517		0.406682	0.01761
0.028973	0.031948	0.00292	1.1198		1.242841	0.029118	0		0		0		0.03069	0.001188	0.32969		0.341722	0.020489
0.015346	0.004155	0.002206	1.1349		1.224247	0.012218	0		0.000331	3.59E-05	0.001659	5.04E-05	0.024601	0.000954	0.34705		0.318374	0.002834
0		0.001	1.1693		1.23934	0.046585	0		0		0		0.024333	0.001983	0.35182		0.545376	0.041255
0		0.003129	1.1684		1.289352	0.018518	0		0.000371	7.61E-05	0.00172	8.95E-05	0.025903	0.000503	0.36993		0.324149	0.003416
0.08503	0.023879	0.002625	1.3463		1.510704	0.04606	0		0.003355	0.000585	0		0.037362	0.001833	0.45354		0.376783	0.004971
0.010347	0.004389	0.008248	1.0706		1.188355	0.008259	0		0.00034	4.05E-05	0.001562	4.93E-05	0.024477	0.000504	0.3525		0.282223	0.00618
0.075167	0.02688	0.003455	1.2731		1.390135	0.06304	0.011907		0		0		0.034815	0.000662	0.45834		0.350761	0.010561
0.028599	0.005559	0.003452	1.3201		1.500237	0.01761	0		0.000414	3.92E-05	0.001764	2.33E-05	0.028847	0.000502	0.59721		0.363264	0.007478
0.020565	0.028335	0.002986	1.4812		1.741388	0.018134	0		0.000921	0.000189	0.012316	0.001146	0.036662	0.000178	0.60349		0.411925	0.00997
0.005756	0.010714	0.002451	1.2932		1.458952	0.008602	0		0.000376	2.07E-05	0.002611	0.000173	0.029499	0.00021	0.61465		0.347621	0.009736
0.03321	0.014546	0.005927	3.4385		3.934471	0.135471	0		0.001081	1.25E-05	0.003006	0.00019	0.066317	0.001025	1.0576		0.905597	0.032877
0.026136	0.031752	0	1.8156		2.041796	0.089254	0		0		0		0.034454	0.000529	0.74525		0.489608	0.032701
0		0.005122	1.6267		1.942305	0.043173	0		0		0		0.04934	0.001648	0.86558		0	
0		0	0.84245		0.866656	0.03808	0.064658		0		0		0.035628	0.00122	5.5104		4.159325	0.043563
0		0	0.8876		0.873386	0.015091	0.14781		0		0		0.040321	0.002734	5.3685		3.716566	0.111366
0		0.015292	0.79203		0.829404	0.00121	0.079955		0		0		0.036663	0.001213	4.8096		4.133874	0.022966
0		0.014784	0.84469		0.867459	0.02002	0.076667		0		0		0.037756	0.000855	4.9485		4.017514	0.004729
0		0	0.91474		0.920157	0.027265	0.093687		0		0		0.039933	0.001373	4.8338		3.996153	0.101872
0		0.014216	1.0174		1.014918	0.029795	0.14776		0		0		0.043966	0.000702	4.6764		3.811353	0.07118
0		0.010932	1.5411		1.504891	0.026501	0.31556		0		0		0.06832	0.000963	3.162		2.553741	0.059131
0		0.010683	1.3245		1.34285	0.018607	0.23506		0		0		0.060616	0.002808	3.5709		3.00807	0.042965
0		0.009508	1.4767		1.449714	0.035214	0.26373		0.032568	0.0179	0.043723	0.0148	0.096274	0.013754	3.2549		2.701129	0.082463
0		0	1.6495		1.581751	0.028361	0.31071		0		0		0.067434	0.001272	2.8189		2.157352	0.021979
0		0	1.7198		1.648175	0.046174	0.41402		0		0		0.067025	0.002304	3.0558		2.313105	0.015481
0		0	1.8092		1.749946	0.024813	0.31634		0		0		0.071145	0.002671	2.4728		1.994621	0.038547
0		0	1.7851		1.763977	0.020696	0.27013		0		0		0.069269	0.001704	2.4472		2.291372	0.073774

Se(ppm)	stdev (Se)	Sn(ppm)	Sr(ppm)	stdev (Sr)	Sr ICPMS (ppm)	stdev (Sr ICPMS)	Ti(ppm)	stdev (Ti)	Tl(ppm)	stdev (Tl)	U(ppm)	stdev (U)	V(ppm)	stdev (V)	Zn(ppm)	stdev (Zn)	Zn ICPMS (ppm)	stdev (Zn ICPMS)
0		0	1.7605		1.892625	0.042404	0.26695		0		0		0.071498	0.00291	2.4321		2.143592	0.081442
0.021925	0.039311	0.001	1.814		1.75238	0.048785	0.26001		0.000491	0.000121	0.003024	6.34E-05	0.068625	0.000944	2.3844		1.652447	0.085094
0		0.001	1.8346		1.924066	0.014125	0.26609		0		0		0.071745	0.002364	2.4622		2.189432	0.043425
0		0.001	1.8528		1.840277	0.038244	0.28039		0		0		0.07059	0.001532	2.4925		2.110624	0.02861
0		0	1.8525		1.902666	0.044179	0.25172		0.00073	8.48E-05	0.002919	0.000207	0.075737	0.002135	2.4985		2.263186	0.029239
0		0	1.8705		1.922693	0.007938	0.30742		0		0		0.071994	0.000661	2.4738		2.154559	0.088629
0		0.001	1.8325		1.92077	0.016652	0.27748		0		0		0.072297	0.002817	2.4374		2.195404	0.039678
0		0.001	1.8565		1.863694	0.030685	0.28936		0		0		0.070728	0.000221	2.4549		2.142715	0.091832
0.027578	0.003708	0	2.3728		2.194193	0.051472	0.4459		0.000708	5.83E-05	0.003113	0.000109	0.079208	0.002204	3.3909		12.02638	0.782472
0		0.001	1.9409		2.052953	0.079721	0.35988		0.035098	0.021948	0.047216	0.018384	0.11354	0.014275	2.536		2.301676	0.112419
0		0.001	2.0831		1.992175	0.062062	0.28498		0.003357	0.001813	0.005661	0.001087	0.077586	0.004179	2.6853		2.178194	0.076556
0		0.001	2.0973		1.940965	0.053153	0.30927		0		0		0.07417	0.001952	2.5558		2.077283	0.08701
0		0.001	2.4362		2.056359	0.038438	0.42537		0		0		0.078624	0.000705	2.774		2.232002	0.025487
0		0.001	2.6418		2.021263	0.028211	0.43213		0		0		0.073129	0.00151	3.2304		2.070228	0.054195
0		0.001	2.2291		1.914258	0.026199	0.38474		0.001515	0.000341	0.003317	0.000482	0.072401	0.001166	2.5896		1.574486	0.023486
0		0.001	2.0497		1.958375	0.053485	0.29767		0		0		0.075886	0.000676	2.173		1.918339	0.024605
0		0.001	2.1452		2.09745	0.017079	0.3115		0		0		0.082717	0.001002	2.299		1.866276	0.040233
0		0	2.1814		1.982178	0.049583	0.26588		0		0		0.082678	0.002746	2.3704		1.916343	0.074966
0		0	2.127		2.025581	0.036471	0.2994		0		0		0.082779	0.001241	2.2183		1.894985	0.013727
0		0	2.1501		1.985065	0.066968	0.26428		0		0		0.096124	0.005464	2.2057		1.820158	0.045585
0		0	2.0739		2.003061	0.047026	0.24249		0.00069	6.14E-05	0.001492	8.26E-05	0.088003	0.00118	2.1175		1.689083	0.065477
0		0	2.1798		2.41091	0.049452	0.25455		0		0		0.10123	0.001517	2.3527		2.101765	0.039805
0		0	2.0151		1.980903	0.069159	0.23218		0		0		0.090032	0.000905	2.1321		1.81362	0.007469
0		0	2.0143		1.823748	0.023662	0.24533		0		0		0.085517	0.000741	2.0431		4.269674	0.155609
0		0	2.0658		1.9087	0.055656	0.24843		0		0		0.086668	0.003844	2.1071		1.782742	0.072733
0		0	2.0037		2.057169	0.029473	0.22797		0		0		0.09609	0.001309	2.0659		3.419059	0.085681
0		0	1.854		2.110465	0.05417	0.2082		0		0		0.10119	0.003818	1.863		1.986016	0.067392
0		0	1.8544		1.8334	0.007463	0.19286		0		0		0.086761	0.001155	1.9106		1.560403	0.021337
0		0	1.8521		1.783476	0.047801	0.18546		0		0		0.083692	0.003434	1.9169		1.49403	0.050936
0		0	1.8302		1.813405	0.029443	0.18131		0		0		0.090161	0.001667	1.9189		1.641208	0.021242
0		0	1.6547		1.776423	0.057773	0.17155		0		0		0.094737	0.005075	1.7609		1.680309	0.048468
0		0	1.7043		1.614422	0.047856	0.1671		0		0		0.092189	0.000922	1.7994		1.185837	0.057507
0		0	1.5543		1.472921	0.004176	0.14558		0		0		0.084601	0.001245	1.5638		0	
0		0	1.1425		1.172954	0.027438	0.15439		0		0		0.10482	0.006354	0.94019		0	
0		0	1.4351		1.300073	0.020494	0.14407		0		0		0.081808	0.001288	1.6033		1.033362	0.054315
0		0	1.1563		1.111483	0.035875	0.13407		0		0		0.08748	0.005932	1.1746		0.853903	0.028619

Se(ppm)	stdev (Se)	Sn(ppm)	Sr(ppm)	stdev (Sr)	Sr ICPMS (ppm)	stdev (Sr ICPMS)	Ti(ppm)	stdev (Ti)	Tl(ppm)	stdev (Tl)	U(ppm)	stdev (U)	V(ppm)	stdev (V)	Zn(ppm)	stdev (Zn)	Zn ICPMS (ppm)	stdev (Zn ICPMS)
0		0	1.1591		1.228111	0.039437	0.14118		0		0		0.096221	0.00106	1.0245		0.733925	0.02708
0		0	1.0276		1.015756	0.030752	0.15411		0		0		0.098166	0.003216	0.41078		0	
0		0	0.97628		0.926972	0.027455	0.1806		0		0		0.10427	0.002029	0.34906		0	
0		0	0.9324		0.962989	0.029949	0.19988		0		0		0.1087	0.004431	0		0	
0		0	0.90289		0.931597	0.018579	0.20001		0		0		0.10712	0.001059	0		0	
0		0	0.92088		0.872514	0.020278	0.21089		0		0		0.10542	0.004657	0		0	
0		0	0.985		0.965508	0.044689	0.20319		0		0		0.11381	0.000574	0.28778		0	
0		0	0.97925		0.910984	0.032797	0.20447		0.003239	0.004071	0.006448	0.003301	0.10732	0.004057	0.28554		0	
0		0	0.95208		0.956111	0.002992	0.19698		0		0		0.11275	0.000568	0.26242		0	
0		0	0.9671		0.989912	0.009426	0.20054		0		0		0.1162	0.004721	0.26017		0	
0		0	0.95156		0.932029	0.017117	0.20404		0		0		0.11201	0.002072	0.30221		0	
0		0	0.91733		0.950214	0.049686	0.2108		0		0		0.11022	0.005526	0		0	
0		0	0.96151		0.898358	0.020206	0.20285		0		0		0.10924	0.003213	0.33997		0	
0		0	0.94638		1.027969	0.037497	0.20135		0		0		0.12224	0.001881	0.3052		0	
0		0	0.94491		1.126769	0.049328	0.20618		0		0		0.13203	0.008054	0.36428		0	
0		0	0.94722		0.873932	0.013051	0.20783		0		0		0.10077	0.003493	0.32048		0	
0		0	0.93663		0.952686	0.02039	0.20255		0		0		0.11011	0.004136	0.35314		1.926959	0.048909
0		0	0.92576		0.920998	0.008625	0.20456		0		0.005277	0.001312	0.11017	0.001686	0.36805		0	
0		0	0.93152		1.00885	0.029785	0.21131		0		0		0.11682	0.004808	0.39303		0	
0		0	0.94283		0.925888	0.051557	0.21167		0		0		0.10857	0.002331	0.47417		0	
0.030615	0.010183	0	0.95734		0.925609	0.039527	0.20894		0		0		0.10854	0.006799	0.54546		0	
0		0	0.928		0.909847	0.033268	0.18661		0		0		0.10511	0.004297	0		0	
0		0	0.92496		0.798212	0.018296	0.18083		0		0		0.089535	0.001078	0.37884		0.242541	0.009293
0		0	0.95347		0.926627	0.022551	0.12661		0		0		0.084184	0.003455	0.35988		0.360044	0.00362
0		0	0.87538		0.942718	0.042799	0.12075		0		0		0.089964	0.005629	0.31407		0.483693	0.027381
0		0	0.9034		0.856663	0.022949	0.11237		0		0		0.080651	0.003569	0.34942		0.227347	0.002878
0		0	0.92096		0.877542	0.021834	0.11109		0		0		0.079725	0.00119	0		0.270491	0.004531
0		0	0.93503		0.875802	0.036928	0.10033		0		0		0.073096	0.002289	0		0.308647	0.004739
0		0	0.91373		0.971068	0.03006	0.10795		0		0		0.081408	0.000818	0		0.276492	0.007328
0		0	0.84593		1.021513	0.018947	0.15472		0		0		0.096172	0.002714	0		0	
0		0	0.97154		0.916302	0.011294	0.1271		0		0		0.076831	0.002675	0		0.306697	0.004339
0		0	0.81545		0.902097	0.002324	0.161		0		0		0.089835	0.001472	0		0.272856	0.007879
0		0	0.80035		0.975782	0.006569	0.14367		0		0		0.094277	0.004173	0		0.31479	0.006532
0		0	0.79512		0.764291	0.013817	0.17872		0		0		0.085054	0.003839	0		0.221072	0.002255
0		0	0.6688		0.804134	0.009473	0.1779		0		0		0.094565	0.000779	0		0	
0		0	0.73591		0.842559	0.01268	0.17118		0.006007	0.004173	0.012453	0.004982	0.10112	0.005877	0		0.24497	0.006976
0		0	0.67519		0.699617	0.004398	0.20579		0		0		0.090563	0.002114	0		0	

Se(ppm)	stdev (Se)	Sn(ppm)	Sr(ppm)	stdev (Sr)	Sr ICPMS (ppm)	stdev (Sr ICPMS)	Ti(ppm)	stdev (Ti)	Tl(ppm)	stdev (Tl)	U(ppm)	stdev (U)	V(ppm)	stdev (V)	Zn(ppm)	stdev (Zn)	Zn ICPMS (ppm)	stdev (Zn ICPMS)
0		0	0.69861		0.685641	0.03383	0.12942		0		0		0.080867	0.003952	0		0.204645	0.013625
0		0	0.66789		0.604434	0.023978	0.17781		0		0		0.079507	0.002905	0		0.132615	0.003706
0		0	0.6557		0.591787	0.007606	0.20952		0		0		0.083537	0.00185	0		0.115063	0.003804
0		0	0.57361		0.599335	0.014964	0.29942		0		0		0.1006	0.002206	0		0	
0		0	0.55718		0.537229	0.007987	0.28469		0		0		0.094322	0.003764	0		0	
0		0	0.52395		0.494459	0.015042	0.2724		0		0.002599	0.000265	0.098309	0.002033	0		0	
0		0	0.54405		0.553864	0.006743	0.28357		0		0.003189	0.000224	0.093972	0.003798	0		0	
0		0	0.47974		0.518525	0.009687	0.27621		0		0.002572	0.000168	0.10115	0.002388	0		0	
0		0	0.44352		0.492443	0.005719	0.28829		0		0.003285	0.000209	0.10054	0.001985	0		0	
0		0	0.47778		0.491105	0.009158	0.32456		0		0.002937	6.56E-05	0.10062	0.000425	0		0	
0.016922	0.028955	0	0.48097		0.449206	0.004948	0.40076		0		0.002925	8.35E-05	0.098294	0.005334	0		0	
0.025089	0.006042	0	0.52193		0.549665	0.005045	0.15971		0		0.002038	5.89E-05	0.095219	0.003471	0		0	
0.019309	0.025469	0	0.4332		0.456451	0.016116	0.21401		0		0.002604	0.000117	0.094643	0.004922	0		0	
0		0	0.4517		0.435822	0.00174	0.28887		0		0.00303	2.73E-05	0.089004	0.004549	0		0	
0		0	0.40403		0.444462	0.017518	0.2884		0		0.004031	0.000907	0.098927	0.005708	0		0	
0		0	0.494		0.531361	0.021355	0.20733		0		0.002435	0.000153	0.088203	0.004293	0		0	
0		0	0.58047		0.638467	0.001684	0.17599		0		0.002063	3.55E-05	0.090638	0.002883	0		0	
0		0	0.6212		0.650961	0.01939	0.23003		0		0		0.089841	0.004394	0		0	
0		0	0.62364		0.683235	0.014656	0.20272		0		0.002374	7.39E-05	0.094153	0.005022	0		0	
0		0	0.57177		0.696606	0.009058	0.19075		0		0		0.10901	0.002343	0		0	
0.017788	0.007847	0	0.4383		0.551925	0.008793	0.22933		0		0.002625	0.001019	0.11013	0.003834	0		0	
0		0	0.45416		0.518321	0.005631	0.23564		0		0		0.10142	0.004557	0		0	
0		0	0.4947		0.555225	0.006286	0.26196		0		0		0.10343	0.001796	0		0	
0		0	0.59539		0.563674	0.003091	0.37012		0		0.003137	4.1E-05	0.090077	0.002055	0		0	
0		0	0.69036				0.24967		0		0		0.088049		0			
0		0	0.58705				0.27355		0		0		0.088487		0			
0		0	0.65374				0.24022		0		0		0.085076		0			
0.014088	0.006202	0	0.59715	0.002135			0.21426	0.004968	0		0		0.084471	0.00519	0			
0		0	0.64662	0.011926			0.18049	0.000748	0		0		0.085307	0.005703	0			
0		0	0.71078	1.2E-05			0.22155	0.002519	0		0		0.084348	0.000767	0			
0		0	0.49566	0.003041			0.2282	0.003186	0		0		0.078387	0.000308	0			
0		0	0.52184	0.003447			0.19303	0.008307	0		0		0.078357	0.001361	0			
0		0	0.41446	0.005348			0.2568	0.008	0		0.002664	0.000722	0.074974	0.001383	0			
0		0	0.529	0.003909			0.22696	0.003	0		0		0.080151	0.000823	0			
0		0	0.41999	0.006579			0.28074	0.005	0		0		0.075124	0.002207	0			
0		0	0.49549	0.003905			0.22697	0.010	0		0.001089	6.22E-05	0.083937	0.00221	0			
0		0	0.44316	0.00088			0.2011	0.001	0		0.0009	8.35E-05	0.0704	0.001416	0			
0		0	0.21213	0.000188			0.29554	0.007	0		0.000484	7.95E-05	0.063229	0.002498	0			
0		0	0.20074	0.001445			0.28064	0.014	0		0.001601	9.76E-05	0.064775	0.001677	0			
0		0	0.17671	0.000884			0.26328	0.006	0		0.000863	4E-05	0.055397	0.001503	0			

Se(ppm)	stdev (Se)	Sn(ppm)	Sr(ppm)	stdev (Sr)	Sr ICPMS (ppm)	stdev (Sr ICPMS)	Ti(ppm)	stdev (Ti)	Tl(ppm)	stdev (Tl)	U(ppm)	stdev (U)	V(ppm)	stdev (V)	Zn(ppm)	stdev (Zn)	Zn ICPMS (ppm)	stdev (Zn ICPMS)
0		0	0.16579	0.001227			0.2711	0.003	0		0.001286	2.25E-05	0.057909	0.002373	0			
0		0	0.15128	0.000332			0.2728	0.001	0		0.000861	7.74E-06	0.05647	0.001341	0			
0		0	0.15694	0.001222			0.24633	0.012	0		0.000701	2.99E-05	0.05374	0.000743	0			
0		0	0.16077	0.001579			0.26419	0.007	0		0.000807	3E-05	0.054036	0.003735	0			
0		0	0.16415	0.000963			0.25799	0.000	0		0.000856	3.35E-05	0.056715	0.003004	0			
0		0	0.16313	0.001914			0.26314	0.011	0		0.001039	5.1E-05	0.056855	0.006672	0			
0		0	0.16443	0.000279			0.26538	0.000	0		0.000758	2.88E-05	0.056602	0.003072	0			
0		0	0.17196	0.001702			0.27983	0.003	0		0.000894	3.06E-05	0.056325	0.000883	0			
0		0	0.16787	0.000467			0.26773	0.004	0		0.000849	5.48E-05	0.057883	0.002555	0			
0.005096	0.00522	0	0.16196	0.000548			0.2733	0.008	0		0.000851	4.64E-05	0.05419	0.003205	0			

