Canada

REGIONAL LAKE SEDIMENT GEOCHEMICAL DATA,

WATSON LAKE AREA, SOUTHEASTERN YUKON

(NTS 105A)

YGS OPEN FILE 2016-6

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YUKON GEOLOGICAL SURVEY

Yukon
Energy, Mines and Resources

Regional Lake Sediment Geochemical Data, Watson Lake area, southeastern Yukon

(NTS 105A)

Funding for this project was provided by the Canadian Northern Economic Development Agency (CanNor) through their Strategic Investments in Northern Economic Development initiative. The Geological Survey of Canada provided access to the previously collected samples and allowed for their re-analysis.

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INTRODUCTION

Since 1976, over 30 large-scale regional geochemical surveys have been completed in the Yukon. As part of the Geological Survey of Canada's (GSC) National Geochemical Reconnaissance (NGR) program, these government funded initiatives are conducted to strict national standards (Friske and Hornbrook, 1991). Survey sample sites cover over 80% of the territory and the resulting geochemical database includes multi-element analytical information for over 31,000 stream and 210 lake based samples. This information delineates regional geochemical patterns and provides baseline data that can be used to guide and support mineral exploration activities.

Efforts to improve the utility of the Yukon geochemical database are ongoing and have included both new surveys and the reanalysis of stream sediment samples saved from previous collection programs. The reanalysis of archived sample material using up-to-date laboratory methods is considered an effective means of adding a wide range of analytical information to the database. As part of the 2016 Yukon Database Upgrade Project, the Yukon Geological Survey is supporting the reanalysis of stream sediment samples collected during previous Yukon NGR programs (Figure 1). Surveys included in this project were selected based on significant gaps identified in available geochemical information. Samples have been recovered from storage and analyzed for 53 elements by aqua-regia digestion followed by inductively coupled plasma–mass spectrometry (ICP-MS). Results from the initiative are being released in 2016.

This data package contains results for parts of the ***Watson Lake*** survey area (NTS 105A). This information has been provided in a variety of digital formats. PDF files include survey descriptions and details regarding methods, analytical data listings and summary statistics. Raw digital data of original field and analytical information plus new reanalysis results are included in Microsoft®Excel (XLS) format.

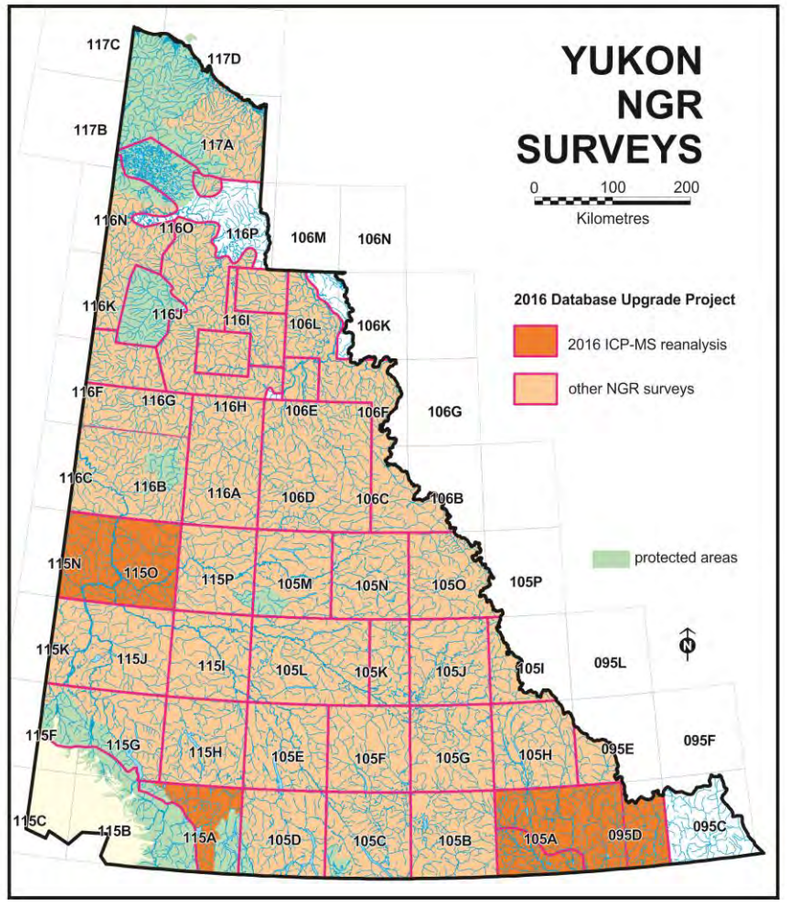

Figure 1. Location of NGR map areas selected for the 2016 ICP-MS reanalysis project, Yukon.

PROJECT DESCRIPTION

NGR lake surveys were originally conducted in the ***Watson Lake*** map area in 1993 and covered parts of NTS map sheet 105A (Friske et al., 1994). Lake sediment and water samples were collected from a total of 205 sample sites at an average density of one sample per 27 km^2 and covered an area of over 5587 km^2. The work was undertaken by the GSC in conjunction with the Government of Yukon under the Canada-Yukon Mineral Development Agreement (1991-1996).

As part of the 2016 Yukon Database Upgrade Project, material from 217 original samples was selected for reanalysis. Representative 2 gram splits were successfully recovered from a total of 217 samples. Prior to analysis, analytical duplicate and control reference samples were inserted to monitor and assess the accuracy and precision of the new analytical results. The samples were delivered to Bureau Veritas Commodities Canada Ltd. (Vancouver) and were analyzed by an ultra-trace aqua-regia digestion (0.5 g) ICP-MS package for 53 elements. Table 1 provides a complete listing of the analytes and detection ranges.

DATA PRESENTATION

Geochemical data compiled in this report includes results of the 2016 Yukon Database Upgrade Project plus original site location information, field observations and analytical results for samples collected during a 1993 NGR lake survey conducted in the ***Stewart River*** area in southwestern Yukon. Results from these activities have been determined to be accurate and complete. The data are presented in the following appendices and digital data files:

Table 1. List of elements and associated detection ranges from ICP-MS analysis using aqua-regia digestion, Yukon project areas.

Element		Detection Range	Unit
Aluminum	Al	0.01 to 10	%
Antimony	Sb	0.02 to 2000	ppm
Arsenic	As	0.1 to 10000	ppm
Barium	Ba	0.5 to 10000	ppm
Bismuth	Bi	0.02 to 2000	ppm
Boron	B	20 to 2000	ppm
Cadmium	Cd	0.01 to 2000	ppm
Calcium	Ca	0.01 to 40	%
Chromium	Cr	0.5 to 10000	ppm
Cobalt	Co	0.1 to 2000	ppm
Copper	Cu	0.01 to 10000	ppm
Gallium	Ga	0.1 to 100	ppm
Gold	Au	0.2 to 100000	ppb
Iron	Fe	0.01 to 40	%
Lanthanum	La	0.5 to 10000	ppm
Lead	Pb	0.01 to 10000	ppm
Magnesium	Mg	0.01 to 30	%
Manganese	Mn	1 to 10000	ppm
Mercury	Hg	5 to 50000	ppb
Molybdenum	Mo	0.01 to 2000	ppm
Nickel	Ni	0.1 to 10000	ppm
Phosphorus	P	0.001 to 5	%
Potassium	K	0.01 to 10	%
Scandium	Sc	0.1 to 100	ppm
Selenium	Se	0.1 to 100	ppm
Silver	Ag	2 to 100000	ppb
Sodium	Na	0.001 to 5	%

Element		Detection Range	Unit
Strontium	Sr	0.5 to 10000	ppm
Sulphur	S	0.02 to 5	%
Tellurium	Te	0.02 to 1000	ppm
Thallium	Tl	0.02 to 1000	ppm
Thorium	Th	0.1 to 2000	ppm
Titanium	Ti	0.001 to 5	%
Tungsten	W	0.1 to 100	ppm
Uranium	U	0.1 to 2000	ppm
Vanadium	V	2 to 10000	ppm
Zinc	Zn	0.1 to 10000	ppm
Beryllium	Be	0.1 to 1000	ppm
Cerium	Ce	0.1 to 2000	ppm
Cesium	Cs	0.02 to 2000	ppm
Germanium	Ge	0.1 to 100	ppm
Hafnium	Hf	0.02 to 1000	ppm
Indium	In	0.02 to 1000	ppm
Lithium	Li	0.1 to 2000	ppm
Niobium	Nb	0.02 to 2000	ppm
Rhenium	Re	1 to 1000	ppb
Rubidium	Rb	0.1 to 2000	ppm
Tantalum	Ta	0.05 to 2000	ppm
Tin	Sn	0.1 to 100	ppm
Yttrium	Y	0.01 to 2000	ppm
Zirconium	Zr	0.1 to 2000	ppm
Palladium	Pd	10 to 100000	ppb
Platinum	Pt	2 to 100000	ppb

Appendix 'A': This appendix provides a complete listing of site location information and analytical results for 53 elements by ICP-MS.

Appendix 'B': This appendix presents summary statistics for individual ICP-MS elements. The calculations have been determined from the raw ICP-MS data and values reported by the labs at less than detection limit have been set to the listed detection limit. Geology underlying each sample site was determined from a mapping compilation by Gordey and Makepeace (1999).

Digital Data: The data summary presented in this package is not considered exhaustive. In order to accommodate more detailed assessments, raw digital data files for each data set used in this package have been included in Microsoft® Excel (XLS) format. Refer to original data publication for specific details on survey methods and data results.

ACKNOWLEDGMENTS

Acknowledgments are extended to M. McCurdy, S. Day, R. McNeil, A. Therriault and J. Pinard of NRCan for their continued support of the Yukon NGR Database Upgrade Projects; and R. Lett for his comprehensive examination of the analytical results and editorial comments.

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Regional Lake Sediment Geochemical Data,

Watson Lake Area, Yukon

(NTS 105A)

*** APPENDIX A - DATA LISTINGS ***

Notes:

- ICPMS analytical data reported at levels below detection limit are listed with a '<' symbol.
- Missing data is listed as blank.
- Sample site geology (GEOL UNITS) were acquired from Gordey and Makepeace (1999).
- All samples were collected in 1993.

MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	REP	GEOL UNIT	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 20 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS
105A02	1002	9	517889	6658289		Q	0.14	0.61	13.3	396.1	<0.02	<20	0.39	27.21	5.5	1.7	9.88	0.5	<0.2	1.76	0.6	1.17	0.36	1618	22	8.08	4.9	0.058	0.01	0.5	6.8	66	0.014
105A02	1003	9	514950	6651520		Q	0.05	0.23	119.9	595.4	0.09	<20	0.13	15.12	6.9	3.7	6.87	0.3	0.3	11.76	<0.5	1.31	0.39	3354	24	4.39	5.8	0.312	<0.01	0.8	5.9	46	0.008
105A02	1004	9	516322	6651401		Q	0.05	0.46	51.1	691.0	<0.02	<20	0.12	26.28	5.3	1.4	4.31	0.7	<0.2	5.04	<0.5	0.48	0.52	6565	18	5.88	2.7	0.236	<0.01	0.5	7.6	19	0.014
105A02	1005	9	527827	6651598	1	Q	0.46	1.55	5.9	78.2	0.15	<20	3.68	7.92	9.9	4.4	20.87	0.9	1.4	2.68	2.4	6.03	0.33	552	111	17.45	23.6	0.085	0.04	1.5	11.4	205	0.014
105A02	1006	9	527827	6651598	2	Q	0.48	1.53	6.0	67.9	0.13	<20	4.22	7.97	10.7	4.4	21.80	0.9	0.8	2.89	2.5	6.65	0.35	567	136	17.57	23.5	0.092	0.04	1.7	11.5	229	0.014
105A01	1007	9	533830	6652185		Q	0.33	0.78	2.8	206.9	0.12	<20	0.63	13.51	9.2	4.7	20.28	0.9	0.8	1.75	2.9	3.59	0.35	941	85	2.37	16.1	0.080	0.02	1.8	2.5	133	0.016
105A01	1008	9	535250	6653006		Q	0.49	0.94	2.9	97.9	0.10	<20	0.68	1.46	14.7	4.8	22.81	1.3	1.8	2.62	3.9	6.03	0.29	183	166	4.57	23.8	0.064	0.04	2.0	3.6	143	0.026
105A01	1009	9	534655	6656026		Q	0.59	0.36	41.5	943.2	0.16	<20	0.60	3.65	17.1	8.5	20.69	1.9	1.4	11.45	6.0	8.55	0.30	1465	130	1.06	20.7	0.198	0.05	2.7	1.9	120	0.010
105A01	1010	9	551602	6652869		Q	0.87	3.55	42.0	232.5	0.23	<20	3.25	1.00	23.1	7.8	87.81	2.2	15.8	9.51	6.8	9.02	0.18	2275	429	9.03	46.8	0.764	0.07	5.2	8.9	1 300	0.012
105A01	1011	9	550455	6656636		Q	1.54	0.86	3.1	425.2	0.21	<20	1.67	0.61	26.3	10.5	36.84	2.1	1.5	0.97	9.9	5.20	0.10	241	199	1.76	34.5	0.293	0.05	1.8	1.7	665	0.024
105A01	1012	9	550340	6661652		Q	1.07	1.12	21.6	168.7	0.17	<20	2.12	0.82	18.9	10.8	74.47	2.1	7.3	9.08	10.6	7.35	0.16	955	381	5.58	40.6	1.709	0.07	5.0	8.6	948	0.008
105A01	1014	9	542422	6662059		Q	0.99	1.26	5.9	259.0	0.27	<20	0.95	0.55	25.4	9.6	33.34	3.0	1.9	1.63	11.5	13.11	0.42	209	78	2.02	35.3	0.088	0.11	2.5	1.0	250	0.033
105A01	1015	9	546237	6670937		Q	0.58	0.41	1.2	334.7	0.13	<20	1.29	0.41	17.4	3.1	24.20	0.9	1.0	0.29	6.3	2.61	0.05	93	94	0.71	26.1	0.116	0.02	0.5	1.6	542	0.022
105A01	1016	9	543850	6672602		Q	0.33	0.41	46.0	381.8	0.10	<20	0.59	0.58	16.6	10.9	15.58	1.0	1.4	17.31	2.8	3.88	0.10	763	34	4.64	17.3	0.382	0.03	2.3	1.2	225	0.025
105A01	1017	9	550469	6674565		Q	1.73	0.93	4.8	599.6	0.18	<20	3.14	1.08	22.8	12.8	49.25	2.3	2.9	2.06	11.6	7.65	0.18	334	190	3.55	37.4	0.325	0.06	2.3	5.4	826	0.018
105A01	1018	9	540209	6670675		Q	0.71	1.04	4.6	321.2	0.15	<20	1.15	0.88	19.0	8.3	27.84	2.0	1.7	1.44	5.8	8.34	0.24	227	68	2.38	26.6	0.119	0.06	1.6	2.2	243	0.027
105A01	1019	9	535133	6669664		Q	1.53	1.61	2.8	675.0	0.18	<20	4.10	0.88	30.8	7.2	63.94	3.2	11.8	1.20	9.5	10.61	0.21	125	707	3.11	55.2	0.133	0.13	3.1	4.0	1 417	0.016
105A01	1020	9	534382	6666420		Q	1.09	1.76	2.8	229.1	0.14	<20	2.02	0.49	26.3	8.2	34.91	2.4	1.4	2.35	5.4	7.03	0.13	165	113	3.41	21.1	0.235	0.04	1.4	2.2	639	0.027
105A01	1022	9	532883	6664010		Q	0.64	0.73	45.0	455.3	0.09	<20	1.14	4.50	28.6	9.4	21.89	1.7	<0.2	8.89	4.7	5.45	0.29	1562	123	3.08	22.2	0.137	0.04	2.6	10.5	247	0.016
105A01	1023	9	528085	6662848		Q	0.35	0.70	99.9	868.8	0.09	<20	1.12	8.11	34.4	4.6	11.73	0.9	1.3	10.34	2.4	2.44	0.23	2654	80	4.40	11.2	0.350	0.02	1.5	15.9	121	0.010
105A02	1024	9	503136	6671433	1	Q	0.86	0.37	1.5	313.9	0.10	<20	1.02	0.65	19.6	3.8	30.53	1.3	0.2	0.38	6.9	4.09	0.10	215	113	1.45	23.7	0.252	0.03	0.7	1.4	689	0.034
105A02	1025	9	503136	6671433	2	Q	0.81	0.43	1.6	280.6	0.09	<20	1.16	0.62	23.6	3.3	33.21	1.4	1.2	0.33	6.9	4.30	0.10	199	115	1.42	22.8	0.247	0.03	0.6	1.0	668	0.040
105A02	1026	9	501795	6671502		Q	1.49	0.90	6.2	286.8	0.40	<20	1.24	0.52	37.9	9.8	40.67	4.3	1.7	1.81	15.1	15.87	0.48	212	97	1.91	34.7	0.130	0.15	2.8	0.6	526	0.016
105A03	1027	9	498477	6677694		Q	0.93	0.37	1.4	244.2	0.09	<20	1.66	0.75	20.2	5.5	33.17	1.6	1.4	0.39	5.3	3.62	0.11	142	112	1.77	23.6	0.233	0.03	0.7	1.3	610	0.023
105A03	1028	9	497045	6676593		Q	0.42	0.15	0.4	114.9	0.02	<20	1.09	0.41	28.1	1.1	18.93	0.7	<0.2	0.09	2.5	1.50	0.05	103	79	1.40	12.8	0.122	0.03	0.2	0.9	400	0.037
105A03	1029	9	495483	6677810		Q	1.23	1.20	7.6	365.4	0.34	<20	1.13	0.71	39.1	11.7	41.29	3.3	1.5	1.93	12.5	13.47	0.46	207	67	2.03	36.9	0.124	0.13	2.5	1.6	314	0.026
105A06	1030	9	482451	6687960		Q	0.57	0.41	7.3	387.9	0.10	<20	0.93	3.65	20.9	5.2	16.18	1.4	0.6	1.86	5.4	5.88	0.33	354	119	0.77	17.1	0.073	0.07	2.0	0.7	128	0.021
105A06	1031	9	482124	6691401		Q	0.78	0.52	5.8	249.9	0.10	<20	1.17	1.44	22.7	5.4	24.92	1.6	<0.2	1.06	5.3	5.40	0.26	242	117	1.34	20.6	0.119	0.05	1.6	2.4	184	0.025
105A06	1032	9	478290	6689312		Q	0.14	0.42	0.3	323.4	0.02	<20	0.16	28.17	10.2	1.2	8.81	0.4	<0.2	0.17	0.7	1.18	0.26	168	<5	2.32	3.0	0.017	0.01	0.4	1.4	29	0.015
105A06	1033	9	477395	6690499		Q	1.85	0.45	3.1	406.0	0.47	<20	5.94	0.51	33.7	3.4	69.00	3.4	4.1	0.68	20.4	8.11	0.22	118	486	1.81	33.4	0.450	0.08	0.8	1.3	4005	0.014
105A05	1035	9	465101	6695622		Q	0.24	0.37	2.4	395.3	0.03	<20	0.15	28.20	21.2	0.9	3.91	0.9	0.3	0.27	2.5	1.82	0.16	41	<5	0.80	4.6	0.022	0.03	0.7	1.1	16	0.009
105A05	1036	9	463591	6698378		Q	0.05	0.18	13.5	197.5	<0.02	<20	0.09	35.68	2.6	0.3	1.71	0.5	<0.2	0.68	<0.5	0.21	0.14	2611	5	3.24	0.7	0.016	<0.01	0.2	0.3	10	0.005
105A05	1037	9	462016	6697458		Q	1.34	0.36	1099.1	606.5	0.93	<20	0.41	2.34	20.4	12.8	26.61	3.4	2.3	16.92	18.0	27.33	0.34	4101	47	3.49	25.4	0.112	0.22	3.8	0.7	243	0.020
105A05	1038	9	455937	6700766		Q	0.67	0.19	222.3	335.5	0.19	<20	0.22	1.44	7.4	4.9	11.33	1.5	1.7	23.86	4.1	6.38	0.11	4056	28	1.68	10.4	0.183	0.06	1.4	0.9	118	0.023
105A05	1039	9	454032	6701309		Q	1.10	0.31	28.9	364.5	0.22	<20	0.63	1.48	23.9	8.5	26.97	2.3	1.3	2.69	8.7	7.73	0.23	784	90	0.87	29.2	0.120	0.08	2.4	1.9	251	0.029
105A05	1040	9	452111	6702399		Q	0.78	0.42	5.6	100.2	0.12	<20	0.94	1.09	15.2	6.1	25.68	1.4	2.6	0.78	7.1	4.32	0.16	139	68	1.18	28.5	0.078	0.05	1.5	1.3	183	0.025
105A05	1042	9	445808	6701741	1	Q	1.25	0.89	18.2	187.1	0.53	<20	0.75	1.30	21.1	11.7	36.17	2.5	2.6	3.61	18.4	13.40	0.31	600	103	1.85	30.7	0.107	0.10	3.3	1.3	286	0.031
105A05	1043	9	445808	6701741	2	Q	1.24	0.86	17.2	200.5	0.48	<20	0.69	1.35	19.6	11.4	34.50	2.6	3.3	3.43	17.2	12.57	0.32	577	99	1.73	31.0	0.109	0.10	3.2	1.1	276	0.029
105A05	1044	9	452628	6698598		Q	1.44	0.41	15.3	343.0	0.32	<20	0.85	1.43	24.3	8.6	34.89	3.2	2.5	3.27	14.0	12.18	0.30	904	120	2.06	29.2	0.109	0.12	3.3	1.6	313	0.026
105A05	1045	9	466316	6692769		Q	0.24	0.12	6.6	88.6	0.02	<20	0.21	19.30	4.1	0.7	5.03	0.4	0.7	0.68	1.1	1.08	0.10	160	20	2.35	2.8	0.032	0.02	0.6	0.5	44	0.042

MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	REP	GEOL UNIT	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS	Be 0.1 ppm ICPMS	Ce 0.1 ppm ICPMS	Cs 0.02 ppm ICPMS	Ge 0.1 ppm ICPMS	Hf 0.02 ppm ICPMS	In 0.02 ppm ICPMS	Li 0.1 ppm ICPMS	Nb 0.02 ppm ICPMS	Re 1 ppb ICPMS	Rb 0.1 ppm ICPMS	Ta 0.05 ppm ICPMS	Sn 0.1 ppm ICPMS	Y 0.01 ppm ICPMS	Zr 0.1 ppm ICPMS	Pd 10 ppb ICPMS	Pt 2 ppb ICPMS
105A02	1002	9	517889	6658289		Q	308.1	1.65	0.06	0.04	0.2	0.003	0.1	3.1	4	44.3	0.1	1.4	0.27	<0.1	<0.02	<0.02	1.2	0.12	30	0.7	<0.05	<0.1	0.84	0.6	<10	<2
105A02	1003	9	514950	6651520		Q	337.3	0.79	<0.02	0.04	0.1	0.003	0.3	3.2	6	23.2	<0.1	0.9	0.06	0.2	<0.02	<0.02	0.9	0.06	13	0.5	<0.05	<0.1	0.85	0.3	<10	<2
105A02	1004	9	516322	6651401		Q	471.7	1.14	0.07	<0.02	<0.1	0.002	0.4	2.0	8	21.0	<0.1	0.4	0.03	0.1	<0.02	<0.02	0.7	0.07	11	0.3	<0.05	<0.1	0.37	0.2	<10	<2
105A02	1005	9	527827	6651598	1	Q	183.2	3.40	<0.02	0.15	1.0	0.007	<0.1	3.3	20	332.0	0.4	5.0	0.45	<0.1	0.06	<0.02	3.9	0.34	14	3.8	<0.05	0.2	3.43	2.4	<10	<2
105A02	1006	9	527827	6651598	2	Q	186.1	3.67	<0.02	0.17	1.0	0.007	0.5	3.3	20	351.2	0.4	5.3	0.48	<0.1	0.07	<0.02	4.2	0.39	17	4.0	<0.05	0.2	3.52	2.5	<10	<2
105A01	1007	9	533830	6652185		Q	287.7	1.56	<0.02	0.06	0.8	0.011	0.2	2.0	14	74.0	0.4	5.7	0.25	<0.1	0.08	<0.02	2.5	0.49	18	1.9	<0.05	0.2	4.63	4.3	<10	<2
105A01	1008	9	535250	6653006		Q	59.3	3.22	<0.02	0.09	1.2	0.010	0.1	2.2	33	132.5	0.3	7.3	0.41	<0.1	0.09	<0.02	5.1	0.45	38	4.8	<0.05	0.2	5.00	3.6	<10	<2
105A01	1009	9	534655	6656026		Q	132.5	0.37	<0.02	0.07	2.6	0.013	<0.1	1.5	21	88.4	0.4	12.1	0.55	<0.1	0.05	<0.02	6.6	0.59	3	5.8	<0.05	0.2	5.54	2.7	<10	2
105A01	1010	9	551602	6652869		Q	61.0	1.24	0.03	0.29	2.8	0.011	0.2	7.1	48	159.8	0.6	13.4	1.31	<0.1	0.19	<0.02	5.5	0.56	29	7.8	<0.05	0.3	10.27	7.8	<10	3
105A01	1011	9	550455	6656636		Q	33.5	0.31	<0.02	0.10	1.0	0.010	0.2	1.9	23	219.2	0.6	22.5	0.51	<0.1	0.07	<0.02	4.5	0.77	3	5.3	<0.05	0.3	13.23	3.4	<10	<2
105A01	1012	9	550340	6661652		Q	40.9	1.28	0.04	0.15	4.4	0.016	0.2	2.7	31	168.5	1.3	22.3	0.62	<0.1	0.12	<0.02	5.9	0.78	22	7.1	<0.05	0.3	16.68	6.9	<10	3
105A01	1014	9	542422	6662059		Q	25.8	0.20	0.03	0.18	2.7	0.016	0.2	1.8	25	139.4	0.3	23.5	0.81	<0.1	0.06	<0.02	12.3	0.77	3	9.3	<0.05	0.4	8.02	2.7	<10	<2
105A01	1015	9	546237	6670937		Q	30.9	0.17	<0.02	0.02	0.2	0.004	0.2	0.8	8	68.5	0.5	13.0	0.23	<0.1	0.03	<0.02	1.2	0.35	1	1.9	<0.05	0.1	7.01	1.4	<10	<2
105A01	1016	9	543850	6672602		Q	30.7	0.44	<0.02	0.05	1.7	0.008	<0.1	1.0	24	102.8	0.1	6.2	0.21	0.2	0.10	<0.02	3.1	0.29	5	2.3	<0.05	0.1	6.33	5.9	<10	2
105A01	1017	9	550469	6674565		Q	52.2	1.01	0.05	0.12	1.6	0.009	0.1	3.2	27	215.7	0.4	26.6	0.54	<0.1	0.12	0.02	8.2	0.82	36	6.3	<0.05	0.3	13.39	5.0	<10	2
105A01	1018	9	540209	6670675		Q	44.8	0.36	0.07	0.09	1.0	0.011	0.1	2.2	19	134.5	0.4	11.7	0.45	<0.1	0.06	<0.02	7.5	0.58	10	5.7	<0.05	0.2	5.15	2.8	<10	<2
105A01	1019	9	535133	6669664		Q	46.9	0.68	0.04	0.39	0.9	0.006	0.1	4.1	50	199.0	0.8	19.6	1.11	<0.1	0.07	<0.02	10.8	0.86	22	13.9	<0.05	0.4	14.22	2.6	<10	<2
105A01	1020	9	534382	6666420		Q	22.4	0.43	<0.02	0.10	0.3	0.010	0.1	1.4	31	260.4	0.8	10.9	0.46	<0.1	<0.02	<0.02	4.3	0.53	6	5.0	<0.05	0.2	6.90	1.1	<10	<2
105A01	1022	9	532883	6664010		Q	115.0	0.93	0.02	0.09	1.8	0.014	0.2	3.9	19	106.6	0.9	9.0	0.44	<0.1	0.10	<0.02	5.7	0.63	15	4.4	<0.05	0.2	6.84	4.2	<10	4
105A01	1023	9	528085	6662848		Q	181.9	0.77	<0.02	0.08	0.9	0.011	0.3	2.7	20	69.1	0.4	4.6	0.20	<0.1	0.03	<0.02	2.7	0.30	22	2.2	<0.05	<0.1	3.47	1.9	<10	<2
105A02	1024	9	503136	6671433	1	Q	32.4	0.35	0.04	0.06	0.4	0.007	<0.1	1.0	11	174.1	0.4	12.0	0.33	<0.1	0.04	<0.02	2.9	0.49	<1	3.0	<0.05	0.2	5.34	1.7	<10	<2
105A02	1025	9	503136	6671433	2	Q	30.9	0.35	<0.02	0.06	0.3	0.007	<0.1	1.0	10	195.2	0.6	12.2	0.34	<0.1	0.03	<0.02	2.7	0.45	1	3.2	<0.05	0.1	5.58	1.6	<10	<2
105A02	1026	9	501795	6671502		Q	27.6	0.20	0.05	0.16	2.1	0.017	0.2	1.4	31	158.8	0.8	29.9	1.13	<0.1	0.04	<0.02	15.6	1.13	<1	14.4	<0.05	0.6	8.85	1.8	<10	<2
105A03	1027	9	498477	6677694		Q	37.7	0.33	<0.02	0.05	0.5	0.008	0.1	1.3	11	179.6	0.2	9.9	0.25	<0.1	0.06	<0.02	2.0	0.58	4	2.8	<0.05	0.1	4.04	2.3	<10	<2
105A03	1028	9	497045	6676593		Q	25.8	0.18	<0.02	<0.02	0.1	0.006	<0.1	0.3	4	125.9	0.1	4.1	0.07	<0.1	0.05	<0.02	0.3	0.28	<1	1.4	<0.05	0.1	1.75	1.6	<10	<2
105A03	1029	9	495483	6677810		Q	36.4	0.36	<0.02	0.13	3.1	0.014	0.3	3.8	25	155.6	0.6	24.8	1.02	<0.1	0.08	<0.02	16.5	0.95	3	11.3	<0.05	0.4	8.71	3.1	<10	<2
105A06	1030	9	482451	6687960		Q	80.6	1.05	<0.02	0.08	1.9	0.007	0.2	0.9	14	111.7	0.5	9.9	0.45	<0.1	0.11	<0.02	5.6	0.49	7	5.8	<0.05	0.2	6.47	6.5	<10	<2
105A06	1031	9	482124	6691401		Q	57.5	0.41	0.04	0.07	1.1	0.011	0.1	4.6	13	145.2	0.4	10.6	0.44	<0.1	0.12	<0.02	4.6	0.63	9	4.9	<0.05	0.2	4.93	5.1	<10	<2
105A06	1032	9	478290	6689312		Q	302.7	0.49	0.12	0.03	0.2	0.003	0.1	4.9	3	35.1	<0.1	1.3	0.10	<0.1	<0.02	<0.02	1.5	0.10	3	1.1	<0.05	<0.1	0.85	0.3	<10	<2
105A06	1033	9	477395	6690499		Q	28.3	0.31	0.10	0.11	0.7	0.008	0.2	1.2	16	340.3	0.6	31.7	0.76	<0.1	0.04	0.03	9.3	0.82	<1	11.4	<0.05	0.4	11.33	1.4	<10	<2
105A05	1035	9	465101	6695622		Q	283.8	0.35	0.03	<0.02	0.7	0.006	0.1	1.4	4	21.6	0.1	4.0	0.31	<0.1	<0.02	<0.02	3.9	0.23	3	3.6	<0.05	<0.1	3.12	0.4	<10	<2
105A05	1036	9	463591	6698378		Q	385.5	0.30	0.05	<0.02	0.1	<0.001	0.3	1.2	4	6.6	<0.1	0.5	0.04	<0.1	<0.02	<0.02	0.5	0.05	<1	0.3	<0.05	<0.1	0.75	0.3	<10	4
105A05	1037	9	462016	6697458		Q	92.6	0.36	0.02	0.26	9.3	0.028	0.8	2.6	29	102.3	1.1	38.6	3.05	0.2	0.05	<0.02	22.9	1.19	2	25.0	<0.05	0.5	12.08	3.0	<10	<2
105A05	1038	9	455937	6700766		Q	47.4	0.30	<0.02	0.08	2.4	0.014	0.2	1.3	15	68.4	0.2	9.1	0.66	0.1	0.09	<0.02	4.8	0.52	<1	5.8	<0.05	0.2	2.37	3.7	<10	2
105A05	1039	9	454032	6701309		Q	70.4	0.40	<0.02	0.11	3.1	0.017	0.2	6.4	14	139.0	0.4	17.0	0.77	<0.1	0.14	<0.02	8.7	0.94	4	8.8	<0.05	0.3	5.91	5.1	<10	<2
105A05	1040	9	452111	6702399		Q	56.3	0.35	<0.02	0.08	1.1	0.010	0.1	3.1	7	112.7	0.3	12.6	0.59	<0.1	0.05	<0.02	5.2	0.58	1	5.7	<0.05	0.2	5.16	2.0	<10	<2
105A05	1042	9	445808	6701741	1	Q	76.6	2.34	<0.02	0.16	7.1	0.012	0.6	13.9	19	134.4	0.5	36.7	1.09	<0.1	0.08	0.03	13.7	1.10	1	10.6	<0.05	0.3	9.86	3.1	<10	2
105A05	1043	9	445808	6701741	2	Q	76.8	2.09	0.05	0.17	7.0	0.012	0.5	13.2	19	125.6	0.6	34.9	1.00	<0.1	0.08	<0.02	13.4	0.91	2	9.9	<0.05	0.3	9.38	3.2	<10	<2
105A05	1044	9	452628	6698598		Q	66.2	0.49	<0.02	0.15	5.2	0.015	0.3	10.1	22	116.6	0.7	28.5	1.16	<0.1	0.16	<0.02	12.0	1.18	1	12.3	<0.05	0.4	9.37	7.3	<10	<2
105A05	1045	9	466316	6692769		Q	199.9	0.85	0.02	0.02	0.3	0.005	0.4	3.2	4	49.0	0.2	2.3	0.16	<0.1	<0.02	<0.02	1.0	0.19	1	1.2	<0.05	<0.1	1.21	0.8	<10	<2

MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	REP	GEOL UNIT	Al % 0.01 ICPMS	Sb ppm 0.02 ICPMS	As ppm 0.1 ICPMS	Ba ppm 0.5 ICPMS	Bi ppm 0.02 ICPMS	B ppm 20 ICPMS	Cd ppm 0.01 ICPMS	Ca % 0.01 ICPMS	Cr ppm 0.5 ICPMS	Co ppm 0.1 ICPMS	Cu ppm 0.01 ICPMS	Ga ppm 0.1 ICPMS	Au ppb 0.2 ICPMS	Fe % 0.01 ICPMS	La ppm 0.5 ICPMS	Pb ppm 0.01 ICPMS	Mg % 0.01 ICPMS	Mn ppm 1 ICPMS	Hg ppb 5 ICPMS	Mo ppm 0.01 ICPMS	Ni ppm 0.1 ICPMS	P % 0.001 ICPMS	K % 0.01 ICPMS	Sc ppm 0.1 ICPMS	Se ppm 0.1 ICPMS	Ag ppb 2 ICPMS	Na % 0.001 ICPMS
105A05	1046	9	465753	6691889		Q	0.20	0.47	1.1	147.4	<0.02	<20	0.19	25.92	6.9	0.5	5.98	0.4	2.3	0.10	0.9	0.92	0.12	75	21	3.11	3.0	0.018	0.02	0.3	1.1	46	0.019
105A02	1047	9	518471	6661707		CPA	0.80	1.85	17.5	88.9	0.13	<20	1.40	8.32	26.0	11.7	50.29	2.0	2.1	6.10	4.3	6.77	0.36	2232	124	35.54	49.0	0.093	0.07	2.9	14.5	399	0.020
105A02	1048	9	523047	6665037		Q	0.80	0.76	6.2	282.8	0.08	<20	1.20	1.14	14.6	9.0	19.84	1.4	1.3	1.06	6.8	6.34	0.23	179	93	1.92	29.4	0.063	0.07	2.9	1.4	238	0.022
105A02	1049	9	524898	6662853		Q	1.65	0.68	2.9	344.4	0.17	<20	2.63	1.09	46.7	9.2	37.68	2.5	3.0	1.10	10.5	7.64	0.22	240	130	2.01	34.2	0.344	0.07	1.6	1.6	1057	0.025
105A02	1051	9	525279	6661033		Q	0.69	0.68	2.7	204.4	0.13	<20	1.30	0.80	25.6	6.3	17.76	1.5	1.9	1.22	4.2	5.67	0.16	348	55	4.63	17.6	0.129	0.05	1.8	2.2	277	0.037
105A02	1052	9	526854	6658391		Q	0.64	2.00	0.7	282.6	0.13	<20	1.67	1.78	62.6	8.1	27.99	1.7	1.7	1.36	4.3	5.66	0.26	174	91	12.08	21.8	0.089	0.06	2.2	13.3	410	0.033
105A01	1053	9	530021	6657978		Q	1.11	0.69	13.0	720.3	0.18	<20	1.55	3.41	27.0	10.7	31.12	2.5	3.3	6.70	8.5	12.73	0.33	1248	208	1.02	28.9	0.164	0.07	4.9	2.8	387	0.012
105A01	1054	9	529590	6667338		Q	1.30	0.67	15.9	792.7	0.23	<20	1.93	0.64	32.2	10.8	33.60	3.2	1.8	5.58	12.3	15.82	0.37	556	237	1.06	31.7	0.177	0.09	5.5	3.6	505	0.010
105A01	1055	9	531465	6672274		Q	0.76	0.30	4.8	368.3	0.04	<20	1.22	1.68	14.7	6.7	17.93	0.9	1.7	1.93	4.1	3.07	0.22	187	80	2.95	18.4	0.097	0.02	1.8	1.7	256	0.022
105A01	1056	9	529795	6673843		Q	1.40	1.70	15.5	927.5	0.23	<20	3.29	0.82	32.7	17.2	51.39	3.2	5.8	8.06	11.6	15.28	0.35	3758	271	2.21	61.9	0.171	0.11	6.2	6.4	862	0.012
105A01	1057	9	530148	6672234		Q	0.74	0.52	29.9	348.3	0.06	<20	1.14	1.40	15.0	6.1	22.16	1.2	1.4	2.33	4.8	3.86	0.23	601	91	4.50	25.9	0.107	0.03	2.0	2.3	321	0.028
105A01	1058	9	542487	6675361		Q	2.03	0.50	11.9	80.3	0.44	<20	1.53	0.53	28.7	49.0	73.05	3.4	3.4	9.31	11.5	26.15	0.18	2230	263	2.73	77.6	0.296	0.12	8.8	2.0	566	0.014
105A01	1059	9	545892	6677261		Q	1.03	1.22	10.6	293.8	0.18	<20	2.03	1.07	27.9	10.1	47.10	2.1	3.5	9.14	6.5	9.40	0.22	588	157	3.16	35.1	0.462	0.07	4.8	5.0	575	0.017
105A01	1060	9	542054	6678938		Q	0.45	0.78	4.5	85.0	0.12	<20	1.12	1.31	20.4	6.3	27.88	1.2	1.7	2.34	3.4	7.16	0.23	375	71	4.36	24.9	0.074	0.04	1.9	3.6	206	0.033
105A01	1062	9	539249	6679274		Q	0.34	1.87	55.8	51.6	0.07	<20	0.85	9.30	13.4	5.2	25.97	1.2	1.2	7.25	1.9	4.24	0.20	8617	69	36.04	20.3	0.289	0.03	1.8	14.9	166	0.022
105A08	1063	9	538150	6682246	1	Q	0.40	0.53	0.7	141.3	0.03	<20	1.18	1.20	10.9	3.1	40.24	0.8	3.0	1.04	2.4	3.35	0.13	137	140	2.39	24.6	0.062	0.02	1.8	3.1	213	0.035
105A08	1064	9	538150	6682246	2	Q	0.47	0.66	0.9	163.4	0.04	<20	1.57	1.36	9.4	4.4	43.46	0.8	2.3	1.45	2.7	3.70	0.13	291	163	2.85	25.2	0.071	0.03	2.1	3.3	249	0.030
105A08	1065	9	534071	6680021		Q	0.78	0.46	1.1	173.9	0.06	<20	1.01	1.14	14.0	6.2	24.38	1.4	0.8	0.98	4.5	5.60	0.16	151	75	1.42	21.4	0.108	0.04	1.8	1.7	183	0.025
105A01	1066	9	527827	6679076		Q	0.77	0.75	9.8	206.1	0.15	<20	2.02	0.92	28.1	10.3	36.68	1.6	2.9	2.73	7.7	9.98	0.30	724	113	4.44	38.7	0.108	0.07	3.3	2.5	353	0.018
105A02	1068	9	518883	6674425		DME	1.39	1.63	2.9	315.1	0.15	<20	1.22	0.18	26.5	7.2	56.84	2.2	4.0	0.75	7.6	10.37	0.11	129	231	2.51	31.1	0.113	0.08	2.0	2.6	1181	0.013
105A02	1069	9	515316	6669175		CPA	0.99	1.04	9.9	734.4	0.09	<20	1.55	1.83	52.0	6.6	41.26	1.7	4.6	1.56	9.3	5.23	0.23	1119	198	3.12	35.8	0.100	0.05	4.0	5.3	311	0.019
105A02	1070	9	512364	6669870		CPA	1.27	1.07	10.0	487.4	0.15	<20	0.89	1.00	36.2	9.1	48.06	2.9	5.2	1.80	10.0	8.02	0.30	358	194	3.04	39.7	0.139	0.09	4.0	2.5	434	0.016
105A02	1071	9	509484	6670309		Q	1.09	0.93	21.8	339.9	0.10	<20	0.53	0.96	25.1	10.3	31.33	2.7	2.6	9.22	6.5	5.50	0.22	456	90	2.04	30.6	0.127	0.07	2.6	2.3	276	0.019
105A02	1072	9	505116	6674000		Q	0.82	0.37	21.6	182.4	0.10	<20	0.91	1.09	24.0	7.0	37.45	1.8	3.8	2.02	8.7	5.50	0.22	193	152	2.02	31.8	0.101	0.05	2.8	2.5	211	0.021
105A02	1073	9	510923	6666148		Q	0.95	0.64	37.5	690.3	0.19	<20	0.65	1.10	31.4	12.3	32.42	2.6	2.1	8.20	10.2	8.80	0.29	1515	134	1.70	31.5	0.209	0.06	3.9	4.4	286	0.012
105A02	1074	9	515924	6662243		CPA	0.35	0.87	0.6	202.2	0.07	<20	0.71	8.30	22.8	2.9	20.42	0.9	<0.2	0.60	2.0	3.42	0.17	66	26	8.73	10.4	0.039	0.03	0.8	6.7	125	0.038
105A02	1075	9	514431	6660195		Q	0.49	1.04	14.7	181.4	0.09	<20	0.81	1.64	12.7	5.6	19.97	1.6	<0.2	2.72	3.1	4.19	0.20	989	47	8.25	15.8	0.084	0.03	1.1	4.1	142	0.040
105A07	1076	9	506409	6681988		Q	0.90	0.54	5.7	357.2	0.12	<20	0.90	1.04	40.3	8.8	30.09	2.3	1.0	1.12	10.2	6.90	0.39	270	268	1.15	37.7	0.070	0.07	2.6	2.1	190	0.019
105A07	1077	9	503678	6684689		Q	0.92	0.48	3.7	288.6	0.12	<20	1.06	1.35	20.6	6.7	39.68	1.6	2.0	0.87	8.2	4.56	0.17	232	143	1.25	28.8	0.129	0.04	1.2	2.5	286	0.022
105A06	1078	9	498124	6688592		CPA	0.81	0.38	1.9	144.9	0.12	<20	1.10	1.00	26.7	6.0	27.99	1.8	<0.2	0.67	9.3	6.52	0.20	134	73	1.19	25.2	0.091	0.06	0.9	1.9	163	0.029
105A06	1079	9	490208	6687752		Q	0.94	0.66	8.7	208.5	0.23	<20	0.61	1.55	31.1	10.1	27.54	3.1	1.4	1.86	13.9	13.24	0.60	387	69	0.97	37.4	0.066	0.08	3.1	1.3	186	0.012
105A06	1080	9	476825	6703488		Q	0.91	0.96	27.9	362.7	0.18	<20	1.21	1.83	25.4	9.3	31.54	2.0	0.9	4.01	7.2	8.67	0.31	671	141	4.33	27.5	0.097	0.08	2.2	5.6	233	0.019
105A05	1082	9	469792	6705063		Q	0.39	0.15	15.3	345.7	0.03	<20	0.60	8.00	8.7	2.2	14.31	0.5	<0.2	0.59	2.0	1.00	0.16	164	42	5.28	15.0	0.038	0.03	0.7	1.0	126	0.036
105A05	1083	9	467147	6702985	1	Q	1.25	0.73	2.9	254.9	0.17	<20	2.86	1.03	39.4	5.5	47.81	3.0	0.7	0.76	10.1	8.01	0.35	118	228	1.79	43.8	0.134	0.09	1.3	2.9	583	0.027
105A05	1084	9	467147	6702985	2	Q	1.09	0.65	2.5	216.1	0.16	<20	2.51	0.90	28.7	4.5	49.02	2.5	0.3	0.58	7.7	6.64	0.27	98	212	1.50	33.2	0.138	0.08	1.0	2.0	536	0.037
105A05	1085	9	454855	6705054		Q	0.56	0.28	1.7	106.1	0.07	<20	0.33	0.57	25.4	2.3	15.69	1.3	<0.2	0.25	3.6	2.91	0.09	48	29	3.24	8.5	0.071	0.04	0.5	0.9	107	0.051
105A05	1086	9	453388	6706626		Q	1.44	0.16	1.6	237.2	0.13	<20	1.72	0.56	21.2	2.9	39.52	1.6	1.8	0.29	8.7	4.31	0.07	150	113	1.31	22.0	0.395	0.03	0.8	1.3	882	0.034
105A12	1087	9	449111	6707917		Q	1.28	0.40	7.0	221.0	0.46	<20	0.87	0.99	30.1	8.1	31.71	2.6	0.6	1.83	12.5	9.50	0.26	365	67	1.20	27.5	0.120	0.12	2.4	1.5	271	0.027
105A12	1088	9	445331	6707800		Q	1.24	0.37	14.4	258.2	0.29	<20	0.79	1.08	16.7	9.1	28.42	1.6	0.8	2.09	19.8	10.20	0.14	767	101	2.71	24.5	0.136	0.08	2.7	1.1	212	0.017
105A12	1089	9	447646	6709960		Q	1.66	0.42	10.0	304.7	0.65	<20	0.76	0.99	31.3	10.7	36.73	4.0	2.3	2.31	19.0	14.46	0.48	724	100	3.13	35.3	0.127	0.20	3.1	1.2	193	0.024

MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	REP	GEOL UNIT	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS	Be 0.1 ppm ICPMS	Ce 0.1 ppm ICPMS	Cs 0.02 ppm ICPMS	Ge 0.1 ppm ICPMS	Hf 0.02 ppm ICPMS	In 0.02 ppm ICPMS	Li 0.1 ppm ICPMS	Nb 0.02 ppm ICPMS	Re 1 ppb ICPMS	Rb 0.1 ppm ICPMS	Ta 0.05 ppm ICPMS	Sn 0.1 ppm ICPMS	Y 0.01 ppm ICPMS	Zr 0.1 ppm ICPMS	Pd 10 ppb ICPMS	Pt 2 ppb ICPMS
105A05	1046	9	465753	6691889		Q	213.1	0.38	0.04	0.02	0.1	0.005	<0.1	16.6	3	37.5	<0.1	1.7	0.12	<0.1	<0.02	<0.02	1.1	0.12	<1	0.9	<0.05	<0.1	0.87	0.5	<10	<2
105A02	1047	9	518471	6661707		CPA	134.2	4.46	0.13	0.11	2.0	0.010	0.3	20.7	23	130.2	0.4	9.1	0.59	<0.1	0.07	<0.02	8.0	0.52	59	6.2	<0.05	0.2	6.45	3.1	<10	3
105A02	1048	9	523047	6665037		Q	29.6	0.57	0.05	0.10	1.8	0.009	<0.1	2.7	15	132.0	0.3	13.4	0.68	<0.1	0.09	0.02	5.5	0.50	7	7.2	<0.05	0.2	6.42	4.4	<10	<2
105A02	1049	9	524898	6662853		Q	46.0	0.69	<0.02	0.10	0.4	0.013	0.2	1.6	23	242.7	0.8	21.9	0.53	<0.1	0.04	<0.02	6.6	0.95	3	6.6	<0.05	0.2	8.48	1.7	<10	<2
105A02	1051	9	525279	6661033		Q	29.2	0.61	<0.02	0.09	0.6	0.011	0.1	1.6	14	216.7	0.2	8.9	0.36	<0.1	0.05	<0.02	3.9	0.41	4	4.6	<0.05	0.1	3.56	1.8	<10	<2
105A02	1052	9	526854	6658391		Q	56.9	1.36	<0.02	0.12	1.0	0.016	0.2	3.9	27	173.3	0.3	9.3	0.59	<0.1	0.05	<0.02	5.5	0.68	87	4.8	<0.05	0.2	4.41	2.7	<10	3
105A01	1053	9	530021	6657978		Q	72.0	0.55	0.03	0.14	4.0	0.008	<0.1	2.9	27	145.2	0.7	16.7	0.97	<0.1	0.09	<0.02	14.3	0.60	7	9.5	<0.05	0.2	11.70	5.0	<10	<2
105A01	1054	9	529590	6667338		Q	36.1	0.34	<0.02	0.17	5.5	0.008	0.1	3.4	30	172.1	0.5	24.7	1.10	<0.1	0.12	0.03	19.6	0.72	6	11.3	<0.05	0.3	13.28	6.0	<10	<2
105A01	1055	9	531465	6672274		Q	69.7	1.00	<0.02	0.05	0.8	0.010	0.1	1.5	12	161.8	0.3	8.8	0.20	<0.1	0.10	<0.02	2.3	0.42	25	2.1	<0.05	0.1	4.46	4.2	<10	2
105A01	1056	9	529795	6673843		Q	38.6	0.34	0.12	0.23	4.6	0.009	<0.1	6.7	44	221.9	1.3	23.4	1.37	<0.1	0.17	0.03	14.1	0.65	19	11.1	<0.05	0.4	16.42	8.4	19	4
105A01	1057	9	530148	6672234		Q	62.9	1.21	<0.02	0.05	0.9	0.010	0.2	3.9	13	164.3	0.6	9.3	0.25	<0.1	0.08	<0.02	3.1	0.44	22	2.7	<0.05	<0.1	5.40	3.4	11	<2
105A01	1058	9	542487	6675361		Q	42.0	2.29	0.04	0.18	7.4	0.005	<0.1	2.7	31	288.2	1.8	32.0	2.27	<0.1	0.17	0.05	17.3	0.73	5	12.5	<0.05	0.3	32.16	6.4	<10	<2
105A01	1059	9	545892	6677261		Q	63.3	1.16	0.03	0.12	3.3	0.012	0.1	3.0	43	209.3	0.6	13.2	0.60	0.1	0.20	0.04	7.0	0.76	18	6.1	<0.05	0.2	9.04	10.3	<10	4
105A01	1060	9	542054	6678938		Q	51.3	3.50	<0.02	0.07	1.0	0.010	0.2	3.1	19	126.3	0.3	7.6	0.26	<0.1	0.06	<0.02	4.6	0.44	22	3.4	<0.05	0.1	3.85	2.5	<10	2
105A01	1062	9	539249	6679274		Q	210.8	4.95	<0.02	0.07	0.9	0.007	0.7	6.4	15	108.5	0.2	3.6	0.20	0.1	0.03	<0.02	3.6	0.24	32	2.2	<0.05	<0.1	2.74	1.5	<10	4
105A08	1063	9	538150	6682246	1	Q	61.1	2.02	<0.02	0.06	0.4	0.006	<0.1	1.9	8	137.6	0.2	4.0	0.21	<0.1	0.06	<0.02	2.3	0.24	6	1.8	<0.05	0.1	4.71	2.1	<10	3
105A08	1064	9	538150	6682246	2	Q	67.2	2.37	<0.02	0.06	0.4	0.007	<0.1	2.1	9	157.2	0.1	4.5	0.24	<0.1	0.04	<0.02	2.8	0.27	8	2.1	<0.05	<0.1	5.12	2.1	<10	3
105A08	1065	9	534071	6680021		Q	53.8	0.75	0.05	0.05	0.5	0.008	0.1	5.3	12	138.4	0.4	9.4	0.32	<0.1	0.04	<0.02	4.9	0.53	7	3.9	<0.05	0.1	4.22	2.5	<10	<2
105A01	1066	9	527827	6679076		Q	46.8	1.86	<0.02	0.11	2.6	0.011	<0.1	6.8	16	167.2	0.4	15.7	0.52	0.1	0.12	0.02	7.4	0.52	24	5.0	<0.05	0.2	8.65	4.5	<10	<2
105A02	1068	9	518883	6674425		DME	20.5	0.23	0.06	0.17	0.5	0.007	<0.1	3.3	41	141.1	1.1	18.1	1.32	<0.1	0.05	<0.02	8.9	0.61	2	7.3	<0.05	0.2	26.24	1.8	<10	2
105A02	1069	9	515316	6669175		CPA	86.1	0.56	<0.02	0.09	1.9	0.015	0.1	8.3	22	127.0	0.7	18.4	0.47	<0.1	0.20	<0.02	5.6	0.73	8	4.9	<0.05	0.3	12.68	8.9	<10	<2
105A02	1070	9	512364	6669870		CPA	45.2	0.44	0.16	0.10	1.5	0.012	0.1	2.9	34	139.8	0.7	21.6	0.49	<0.1	0.07	0.02	6.9	0.81	18	7.7	<0.05	0.2	9.44	4.2	<10	3
105A02	1071	9	509484	6670309		Q	43.1	0.48	<0.02	0.08	2.3	0.014	0.1	1.1	21	157.2	0.4	13.7	0.56	<0.1	0.25	<0.02	4.8	0.78	7	5.9	<0.05	0.2	6.20	10.2	<10	<2
105A02	1072	9	505116	6674000		Q	44.5	1.31	<0.02	0.08	2.1	0.015	0.2	4.6	13	117.8	0.4	16.2	0.38	<0.1	0.13	<0.02	5.0	0.73	8	5.3	<0.05	0.2	7.11	5.6	<10	<2
105A02	1073	9	510923	6666148		Q	43.1	0.47	<0.02	0.08	3.7	0.017	0.2	2.3	29	103.3	0.3	18.6	0.62	<0.1	0.11	0.05	8.7	0.91	3	7.3	<0.05	0.3	11.03	5.5	10	<2
105A02	1074	9	515924	6662243		CPA	108.6	1.26	0.08	0.05	0.3	0.009	<0.1	5.7	11	100.3	0.3	4.2	0.28	<0.1	<0.02	<0.02	3.6	0.30	23	2.5	<0.05	<0.1	2.64	1.2	12	7
105A02	1075	9	514431	6660195		Q	53.4	1.85	0.06	0.07	0.5	0.012	0.4	4.6	13	148.7	0.5	5.9	0.30	<0.1	0.03	<0.02	2.8	0.47	8	2.4	<0.05	0.1	3.33	2.2	<10	3
105A07	1076	9	506409	6681988		Q	52.4	0.58	0.12	0.09	1.7	0.012	<0.1	4.9	17	123.7	0.7	18.8	0.58	<0.1	0.08	<0.02	7.3	0.81	3	8.2	<0.05	0.2	7.42	4.6	<10	3
105A07	1077	9	503678	6684689		Q	50.2	0.54	<0.02	0.06	0.6	0.009	<0.1	3.1	12	110.1	0.4	15.1	0.29	<0.1	0.07	<0.02	2.5	0.67	4	3.6	<0.05	<0.1	6.69	3.1	<10	<2
105A06	1078	9	498124	6688592		CPA	38.2	0.55	0.15	0.07	0.5	0.012	<0.1	4.6	12	131.5	0.4	17.5	0.46	<0.1	0.06	<0.02	4.5	0.80	9	6.4	<0.05	0.2	5.25	1.9	<10	<2
105A06	1079	9	490208	6687752		Q	48.2	0.32	0.10	0.12	5.1	0.023	0.2	1.5	23	112.9	<0.1	25.8	0.94	<0.1	0.06	0.02	15.7	1.02	2	7.6	<0.05	0.3	8.79	3.5	<10	<2
105A06	1080	9	476825	6703488		Q	59.6	0.86	0.20	0.08	2.4	0.012	0.2	4.9	25	180.1	0.7	13.3	0.53	0.1	0.18	<0.02	6.8	0.83	16	6.1	<0.05	0.2	6.79	5.7	<10	<2
105A05	1082	9	469792	6705063		Q	143.9	0.89	0.10	0.03	0.4	0.005	<0.1	2.9	5	84.6	<0.1	3.3	0.10	<0.1	0.02	<0.02	0.5	0.22	12	1.0	<0.05	<0.1	1.85	1.1	<10	<2
105A05	1083	9	467147	6702985	1	Q	48.3	0.33	<0.02	0.13	0.5	0.013	0.2	3.5	17	196.0	0.9	18.1	0.75	<0.1	0.03	0.02	11.7	1.21	7	10.8	<0.05	0.3	6.23	1.7	<10	2
105A05	1084	9	467147	6702985	2	Q	39.0	0.28	<0.02	0.10	0.3	0.012	0.1	2.4	14	179.8	0.4	14.4	0.57	<0.1	0.05	0.02	7.4	0.83	4	8.1	<0.05	0.3	4.46	1.4	<10	<2
105A05	1085	9	454855	6705054		Q	26.2	0.31	0.14	0.03	0.2	0.012	<0.1	5.1	7	89.7	0.3	6.8	0.25	<0.1	0.03	<0.02	2.6	0.35	4	2.7	<0.05	0.1	1.87	1.0	<10	<2
105A05	1086	9	453388	6706626		Q	32.3	0.38	<0.02	0.07	0.9	0.010	0.1	1.4	10	228.2	0.7	13.6	0.36	<0.1	0.05	<0.02	3.0	0.55	4	4.3	<0.05	0.1	5.47	2.1	<10	<2
105A12	1087	9	449111	6707917		Q	49.2	0.30	0.05	0.17	3.1	0.023	0.3	12.9	20	147.0	0.3	24.1	1.29	<0.1	0.05	<0.02	14.4	1.63	2	16.2	<0.05	0.4	8.86	2.3	<10	<2
105A12	1088	9	445331	6707800		Q	59.4	0.56	0.06	0.17	2.7	0.019	0.5	6.5	16	126.8	1.1	39.3	0.87	<0.1	0.03	<0.02	7.1	1.20	3	10.3	<0.05	0.1	13.54	1.2	<10	<2
105A12	1089	9	447646	6709960		Q	63.7	0.29	0.12	0.29	4.4	0.037	0.3	11.4	27	126.9	1.1	36.9	2.30	<0.1	0.04	<0.02	25.8	2.61	3	27.6	<0.05	0.6	9.95	2.1	<10	<2

MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	REP	GEOL UNIT	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 20 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS
105A12	1090	9	449915	6709500		Q	0.46	0.14	1.5	90.8	0.07	<20	0.51	0.66	97.7	3.2	8.43	1.5	<0.2	0.56	6.4	3.47	0.16	198	48	1.00	9.4	0.063	0.06	0.3	1.0	68	0.015
105A12	1091	9	453597	6710484		Q	1.61	0.31	7.2	291.4	1.26	<20	0.36	11.92	28.4	10.1	23.25	4.7	1.8	2.49	14.2	22.68	0.54	381	26	1.96	20.5	0.035	0.34	5.9	1.7	138	0.017
105A12	1092	9	462082	6712230		Q	1.13	0.53	7.2	342.7	0.33	<20	0.76	0.33	43.6	12.3	21.45	3.6	0.8	2.30	25.8	16.78	0.51	407	109	0.34	35.8	0.075	0.09	4.3	0.8	228	0.007
105A12	1093	9	465550	6716183		Q	0.59	0.29	5.9	187.5	0.05	<20	0.75	1.14	19.3	4.3	21.30	1.0	0.3	0.33	3.1	1.72	0.17	97	70	1.59	30.7	0.096	0.03	0.7	1.8	146	0.036
105A12	1094	9	466972	6718563		Q	0.87	0.33	18.4	499.7	0.19	<20	0.87	1.15	28.0	7.1	25.59	1.9	0.8	1.01	7.1	6.91	0.37	173	109	1.27	42.6	0.115	0.08	1.7	3.3	209	0.038
105A12	1095	9	469962	6721761		Q	0.43	0.19	4.0	96.0	0.05	<20	0.60	0.82	15.4	1.7	17.33	0.9	1.0	0.40	3.4	2.41	0.18	57	67	2.86	30.2	0.061	0.02	0.7	1.8	167	0.033
105A12	1096	9	472386	6725370		CPA	1.42	1.34	21.3	462.2	0.64	<20	1.03	0.62	41.1	12.2	43.96	4.0	1.4	3.03	32.8	28.63	0.68	423	265	1.25	52.3	0.093	0.20	4.5	2.8	290	0.016
105A14	1097	9	477053	6739844		CPA	1.18	0.79	74.3	299.1	0.43	<20	0.75	1.31	32.8	13.4	44.43	3.2	4.1	6.56	16.4	19.43	0.50	1463	193	2.16	42.6	0.264	0.13	3.2	2.6	203	0.015
105A13	1099	9	471206	6735545		DMN	1.26	1.14	23.9	539.1	1.74	<20	1.46	0.63	29.4	11.5	67.95	3.3	5.0	3.74	42.3	59.53	0.41	308	257	3.96	28.2	0.069	0.30	4.2	2.2	912	0.010
105A12	1100	9	472569	6733497		CPA	1.66	1.44	327.8	1451.6	1.11	<20	1.30	0.51	46.4	19.3	59.26	6.1	3.2	4.84	44.8	53.75	0.74	10000	324	7.61	58.8	0.134	0.25	5.0	1.1	496	0.017
105A12	1102	9	470118	6730156	1	DMN	0.69	0.30	25.1	172.9	0.08	<20	0.91	0.62	18.2	3.6	24.52	1.4	<0.2	1.01	5.5	3.35	0.09	134	59	1.83	19.5	0.076	0.04	1.0	1.6	184	0.041
105A12	1103	9	470118	6730156	2	DMN	0.71	0.29	19.6	160.2	0.06	<20	0.66	0.51	11.6	2.9	20.69	1.5	<0.2	0.71	4.9	2.94	0.08	161	44	1.42	14.9	0.064	0.04	0.8	1.8	165	0.038
105A12	1104	9	465960	6728493		DMPE	0.54	0.54	23.7	226.7	0.26	<20	0.83	0.70	14.4	3.8	33.71	1.6	0.9	1.13	23.8	13.01	0.13	87	109	4.48	14.4	0.036	0.10	2.2	2.7	216	0.022
105A12	1106	9	454054	6734716		Q	0.74	0.34	4.4	286.6	0.11	<20	0.93	0.49	51.9	3.6	11.18	1.9	0.6	0.62	14.3	7.56	0.23	77	47	1.53	20.7	0.039	0.09	1.7	3.2	127	0.016
105A13	1107	9	455219	6739747		DMPE	1.89	1.93	58.6	1045.7	0.63	<20	1.45	1.19	173.9	14.1	46.24	4.1	2.9	3.73	64.6	35.42	0.55	1100	218	8.85	39.1	0.171	0.19	6.3	11.4	700	0.017
105A13	1108	9	453659	6746105		DMPE	1.84	1.52	16.5	590.6	0.54	<20	1.53	0.93	93.7	25.0	67.96	4.4	2.6	3.39	26.8	19.48	0.73	559	193	10.28	98.6	0.120	0.17	5.4	5.4	662	0.019
105A13	1109	9	449200	6735413		Q	0.41	0.47	1.2	118.0	0.08	<20	0.76	0.81	11.3	2.5	22.20	0.7	1.7	0.47	3.8	2.95	0.14	40	60	2.61	27.8	0.039	0.02	1.1	1.7	117	0.020
105A12	1110	9	449947	6733758		Q	0.52	0.21	<0.1	120.7	0.04	<20	1.33	0.33	12.1	3.0	25.45	1.2	<0.2	0.18	5.1	1.53	0.05	41	60	1.03	20.0	0.111	0.03	0.4	1.0	314	0.032
105A12	1111	9	447804	6733427		Q	0.49	0.34	8.3	60.8	0.06	<20	0.43	0.58	13.8	1.9	22.51	1.1	0.4	0.19	3.1	1.66	0.06	34	22	2.87	9.7	0.062	0.03	0.7	1.2	95	0.038
105A12	1112	9	446740	6730475		Q	0.29	0.25	4.3	172.8	0.05	<20	0.51	0.80	11.2	1.9	15.85	0.4	<0.2	0.20	2.0	1.35	0.10	46	24	4.16	17.8	0.049	0.02	0.7	1.7	90	0.034
105A12	1113	9	454114	6726972		Q	1.44	0.31	0.3	184.5	0.09	<20	1.79	0.38	27.3	4.6	34.45	2.2	0.4	0.34	11.6	4.42	0.11	94	106	0.94	36.6	0.219	0.04	0.7	0.7	1002	0.026
105A12	1114	9	462038	6723307		Q	0.41	0.46	13.5	199.3	0.09	<20	0.48	0.68	17.2	3.0	21.43	0.7	<0.2	0.43	6.6	3.48	0.10	75	39	2.02	25.2	0.051	0.03	1.2	1.1	135	0.026
105A12	1115	9	463290	6722872		Q	0.82	0.93	14.4	313.5	0.55	<20	0.82	0.60	26.1	7.3	58.37	1.7	1.0	0.84	30.0	19.42	0.16	102	103	2.01	23.2	0.047	0.12	2.5	1.8	247	0.021
105A12	1116	9	465551	6721584		Q	0.61	0.34	1.1	189.2	0.07	<20	1.91	0.62	40.4	5.3	35.14	1.0	0.5	0.29	6.9	3.59	0.11	69	76	1.36	45.4	0.087	0.04	0.7	1.8	407	0.022
105A12	1117	9	469987	6724572		Q	0.39	0.61	9.5	161.4	0.17	<20	0.81	0.60	19.2	3.5	44.21	1.0	1.3	1.02	11.2	6.95	0.18	63	112	2.08	43.3	0.043	0.07	1.2	2.3	126	0.034
105A11	1118	9	475992	6730313		CPA	0.70	2.18	14.6	146.4	0.35	<20	1.21	1.06	62.6	17.6	62.88	1.5	6.6	2.15	10.0	14.50	0.93	455	296	6.08	338.2	0.069	0.09	2.9	9.9	283	0.022
105A11	1119	9	478063	6734049		CPA	1.03	3.99	45.1	193.8	0.98	<20	1.29	2.93	26.2	9.6	62.57	2.4	3.7	3.30	14.5	16.05	0.44	1290	501	3.60	30.6	0.109	0.11	3.3	8.1	238	0.015
105A11	1120	9	479773	6732600		CPA	1.52	3.18	14.5	380.2	0.96	<20	1.53	1.24	43.9	18.9	64.79	3.8	4.6	4.60	22.0	27.37	0.80	1228	358	2.50	121.5	0.103	0.17	3.8	5.2	283	0.014
105A11	1122	9	477451	6728652		CPA	1.88	1.74	18.1	826.1	0.36	<20	1.56	1.05	39.7	19.0	86.98	5.4	3.9	4.28	19.5	19.41	0.86	7513	340	1.63	62.2	0.244	0.15	4.2	4.9	464	0.019
105A11	1123	9	475701	6725419	1	CPA	1.52	0.90	16.6	261.2	0.39	<20	0.54	3.28	28.5	12.3	38.78	4.4	1.1	3.93	18.6	15.81	0.67	528	141	1.06	35.2	0.070	0.18	3.9	0.8	178	0.014
105A11	1124	9	475701	6725419	2	CPA	1.48	0.95	19.1	259.4	0.37	<20	0.57	3.66	26.1	12.4	37.55	4.0	2.0	4.27	17.6	14.29	0.64	547	168	0.98	34.7	0.073	0.17	3.6	1.3	163	0.013
105A12	1125	9	472357	6720147		CPA	0.91	1.49	18.9	217.4	0.23	<20	0.88	1.42	23.7	6.7	32.52	2.4	2.0	2.09	9.5	14.63	0.34	151	338	4.10	28.9	0.071	0.10	2.1	9.6	159	0.020
105A12	1126	9	470003	6718000		Q	0.44	0.25	1.3	100.6	0.05	<20	0.71	0.69	13.9	2.3	17.32	1.3	1.0	0.26	3.2	2.72	0.12	98	32	1.60	18.3	0.047	0.03	0.6	2.4	132	0.032
105A12	1127	9	467788	6713993		Q	0.37	0.25	1.3	136.5	0.03	<20	0.60	0.73	11.5	1.3	19.95	0.7	1.1	0.11	2.7	1.53	0.10	35	49	2.19	32.1	0.050	0.02	0.5	1.8	111	0.026
105A12	1128	9	472106	6713204		Q	1.31	1.13	42.1	412.0	0.19	<20	0.73	1.74	22.9	9.1	38.24	3.5	1.5	6.98	8.7	9.24	0.52	490	143	1.40	32.4	0.093	0.09	2.7	5.3	160	0.030
105A11	1130	9	479244	6709311		Q	0.34	0.30	3.7	114.5	0.04	<20	0.63	0.73	16.2	1.7	20.95	0.8	0.8	0.20	3.1	1.90	0.09	51	45	3.01	14.4	0.054	0.03	0.5	0.9	97	0.039
105A11	1131	9	483252	6709698		Q	0.82	1.11	3.4	184.0	0.08	<20	0.82	8.26	18.2	5.5	35.12	1.9	0.9	1.09	4.6	5.16	0.31	196	100	4.65	21.1	0.043	0.07	2.0	9.7	129	0.023
105A11	1132	9	489155	6713258		Q	0.41	1.02	2.1	179.6	0.04	<20	1.03	1.44	14.7	2.3	29.89	0.8	1.3	1.36	2.8	2.05	0.14	125	65	3.18	15.0	0.054	0.04	0.9	3.0	95	0.041
105A06	1133	9	491333	6706234		CPA	0.87	0.55	4.1	222.7	0.10	<20	1.11	1.78	17.8	5.9	31.51	1.8	0.7	0.95	5.6	4.60	0.28	151	101	1.12	23.9	0.106	0.05	1.4	2.9	216	0.019
105A06	1134	9	492474	6699260		CPA	0.19	0.07	3.3	545.8	0.02	<20	0.17	23.85	2.9	1.2	6.77	0.4	1.1	0.67	1.0	1.03	0.37	803	38	3.00	5.2	0.027	0.02	0.6	0.4	44	0.021

MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	REP	GEOL UNIT	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS	Be 0.1 ppm ICPMS	Ce 0.1 ppm ICPMS	Cs 0.02 ppm ICPMS	Ge 0.1 ppm ICPMS	Hf 0.02 ppm ICPMS	In 0.02 ppm ICPMS	Li 0.1 ppm ICPMS	Nb 0.02 ppm ICPMS	Re 1 ppb ICPMS	Rb 0.1 ppm ICPMS	Ta 0.05 ppm ICPMS	Sn 0.1 ppm ICPMS	Y 0.01 ppm ICPMS	Zr 0.1 ppm ICPMS	Pd 10 ppb ICPMS	Pt 2 ppb ICPMS
105A12	1090	9	449915	6709500		Q	29.1	0.20	<0.02	0.06	1.1	0.013	<0.1	4.3	6	79.4	0.2	12.7	0.61	<0.1	<0.02	<0.02	8.6	0.60	<1	6.7	<0.05	0.2	3.19	0.6	<10	<2
105A12	1091	9	453597	6710484		Q	200.6	0.81	0.03	0.38	8.4	0.067	0.7	7.3	23	91.3	1.2	30.4	5.11	<0.1	0.03	0.04	39.0	2.55	4	42.3	<0.05	0.9	8.13	1.3	<10	<2
105A12	1092	9	462082	6712230		Q	20.8	0.04	0.07	0.14	8.7	0.020	0.2	2.9	27	125.5	0.7	46.3	0.98	0.1	0.06	0.02	14.3	0.99	<1	12.9	<0.05	0.3	11.65	3.5	<10	3
105A12	1093	9	465550	6716183		Q	45.4	0.40	0.05	0.04	0.3	0.010	<0.1	2.5	8	88.1	0.2	5.6	0.16	<0.1	0.02	<0.02	1.4	0.39	<1	1.6	<0.05	<0.1	2.09	2.3	<10	2
105A12	1094	9	466972	6718563		Q	74.9	0.52	<0.02	0.09	1.7	0.014	0.1	6.4	11	135.0	0.3	13.2	0.55	<0.1	0.09	<0.02	5.6	0.75	5	6.5	<0.05	0.2	4.31	4.0	<10	4
105A12	1095	9	469962	6721761		Q	42.1	1.16	0.07	0.05	0.4	0.009	<0.1	2.9	5	139.8	<0.1	6.1	0.15	0.1	0.05	<0.02	2.0	0.38	8	1.4	<0.05	<0.1	2.24	2.1	<10	<2
105A12	1096	9	472386	6725370		CPA	33.6	0.21	0.11	0.19	9.9	0.022	0.2	5.1	32	149.2	0.5	48.9	1.39	<0.1	0.14	0.03	17.9	1.21	6	16.6	<0.05	0.5	19.15	6.2	<10	3
105A14	1097	9	477053	6739844		CPA	65.6	1.07	0.05	0.14	6.2	0.015	0.3	4.2	30	121.4	0.5	29.1	0.77	<0.1	0.08	<0.02	12.4	0.92	5	12.6	<0.05	0.3	10.51	5.4	<10	<2
105A13	1099	9	471206	6735545		DMN	37.1	0.21	0.06	0.28	13.0	0.010	0.2	14.7	24	190.7	0.5	71.5	3.58	0.3	0.08	<0.02	15.9	0.87	4	30.2	<0.05	0.4	28.16	5.1	<10	4
105A12	1100	9	472569	6733497		CPA	37.5	0.03	0.20	0.28	12.0	0.021	0.2	4.4	39	198.9	0.9	80.2	1.91	0.2	0.06	0.03	18.8	0.51	<1	20.3	<0.05	0.6	21.56	1.8	<10	3
105A12	1102	9	470118	6730156	1	DMN	35.9	0.67	0.04	0.05	0.6	0.010	<0.1	3.2	11	127.6	0.3	10.4	0.21	0.1	0.06	<0.02	1.4	0.44	1	2.3	<0.05	<0.1	3.59	1.6	<10	<2
105A12	1103	9	470118	6730156	2	DMN	31.6	0.54	<0.02	0.05	0.7	0.009	<0.1	2.8	8	111.5	0.2	9.3	0.16	<0.1	0.05	<0.02	1.1	0.39	4	2.0	<0.05	<0.1	3.20	2.0	<10	2
105A12	1104	9	465960	6728493		DMPE	31.4	1.32	0.10	0.09	5.7	0.008	0.2	21.7	7	135.0	0.3	27.2	0.72	<0.1	0.06	<0.02	3.6	0.39	5	8.8	<0.05	0.1	17.96	2.3	<10	3
105A12	1106	9	454054	6734716		Q	23.7	0.30	0.06	0.06	3.0	0.011	0.1	5.0	10	85.4	0.4	23.5	0.52	<0.1	0.02	<0.02	6.7	0.42	<1	8.0	<0.05	0.2	7.61	1.7	<10	4
105A13	1107	9	455219	6739747		DMPE	69.7	0.66	0.09	0.19	17.0	0.027	0.7	31.2	37	154.9	0.8	101.1	1.20	0.2	0.18	<0.02	15.2	1.50	8	17.7	<0.05	0.5	26.06	5.6	<10	4
105A13	1108	9	453659	6746105		DMPE	47.6	0.55	0.20	0.21	7.6	0.028	0.2	10.5	49	197.4	0.7	45.7	1.08	0.2	0.13	0.03	15.5	1.39	7	13.9	<0.05	0.3	18.08	6.2	<10	3
105A13	1109	9	449200	6735413		Q	34.0	0.69	0.07	0.04	0.9	0.008	0.1	7.8	6	109.3	<0.1	5.7	0.26	<0.1	0.06	<0.02	1.7	0.33	8	2.4	<0.05	<0.1	3.20	2.1	<10	<2
105A12	1110	9	449947	6733758		Q	20.0	0.13	0.08	0.03	<0.1	0.011	<0.1	0.7	7	88.8	<0.1	8.8	0.10	<0.1	<0.02	<0.02	0.8	0.27	<1	1.3	<0.05	<0.1	3.47	0.4	15	<2
105A12	1111	9	447804	6733427		Q	23.9	0.38	<0.02	0.07	0.5	0.015	<0.1	4.4	6	77.1	0.2	5.5	0.16	<0.1	0.04	<0.02	1.3	0.42	4	1.9	<0.05	<0.1	2.31	1.8	<10	<2
105A12	1112	9	446740	6730475		Q	39.3	0.36	0.04	0.04	0.4	0.009	<0.1	5.5	4	104.8	<0.1	3.6	0.15	<0.1	0.05	<0.02	0.8	0.27	3	1.2	<0.05	<0.1	1.31	1.6	<10	<2
105A12	1113	9	454114	6726972		Q	21.3	0.21	0.15	0.04	0.4	0.009	0.1	1.1	11	120.7	0.3	21.4	0.31	<0.1	0.02	<0.02	3.4	0.69	2	3.6	<0.05	0.2	7.95	1.3	<10	<2
105A12	1114	9	462038	6723307		Q	25.5	0.47	0.05	0.03	1.2	0.008	0.1	3.4	8	79.6	0.3	10.2	0.21	<0.1	0.07	<0.02	1.3	0.40	1	2.5	<0.05	0.1	5.54	2.4	<10	<2
105A12	1115	9	463290	6722872		Q	27.5	0.36	0.18	0.13	6.0	0.009	0.7	10.6	15	150.9	0.4	44.8	1.72	0.1	0.06	<0.02	5.4	0.65	2	12.5	<0.05	0.5	18.62	2.8	<10	<2
105A12	1116	9	465551	6721584		Q	27.5	0.28	0.05	0.04	0.4	0.006	0.1	2.0	7	166.5	<0.1	11.7	0.29	<0.1	0.03	0.03	1.9	0.46	<1	2.9	<0.05	0.1	4.90	1.2	<10	<2
105A12	1117	9	469987	6724572		Q	29.0	1.21	<0.02	0.06	2.3	0.008	0.2	3.9	6	121.0	<0.1	14.1	0.45	<0.1	0.04	<0.02	3.5	0.35	2	6.0	<0.05	0.2	7.68	2.8	<10	<2
105A11	1118	9	475992	6730313		CPA	36.2	2.00	0.17	0.14	3.3	0.012	0.3	3.1	12	152.8	<0.1	15.9	0.78	<0.1	0.09	<0.02	5.6	0.52	15	7.7	<0.05	0.2	11.42	5.3	11	3
105A11	1119	9	478063	6734049		CPA	64.7	1.40	0.30	0.15	3.6	0.011	0.1	2.9	19	123.5	0.8	22.0	0.71	0.1	0.14	<0.02	8.5	0.62	6	9.2	<0.05	0.1	16.07	4.9	<10	<2
105A11	1120	9	479773	6732600		CPA	42.3	0.45	0.10	0.20	7.2	0.017	0.2	5.0	28	182.5	1.0	39.6	0.90	0.2	0.14	0.02	14.8	1.03	13	13.3	<0.05	0.4	14.51	5.8	<10	<2
105A11	1122	9	477451	6728652		CPA	52.6	0.15	0.08	0.25	3.4	0.030	0.4	3.1	41	168.9	0.5	34.5	1.45	<0.1	0.07	0.02	24.2	0.81	8	11.3	<0.05	0.4	17.48	3.9	<10	<2
105A11	1123	9	475701	6725419	1	CPA	53.9	0.12	0.07	0.16	6.9	0.029	0.2	2.2	29	115.0	0.7	35.3	1.60	0.2	0.14	<0.02	20.2	1.36	3	13.6	<0.05	0.5	11.47	6.1	<10	3
105A11	1124	9	475701	6725419	2	CPA	57.6	0.14	0.07	0.15	6.2	0.028	0.2	2.3	28	114.3	0.8	32.0	1.52	<0.1	0.10	0.04	19.6	1.45	1	13.6	<0.05	0.5	10.68	5.7	14	2
105A12	1125	9	472357	6720147		CPA	35.4	1.02	0.05	0.10	2.5	0.011	0.2	9.1	19	149.5	0.2	16.7	0.66	0.1	0.14	<0.02	8.5	0.77	23	8.3	<0.05	0.3	7.91	5.1	<10	<2
105A12	1126	9	470003	6718000		Q	35.7	0.67	<0.02	0.04	0.3	0.011	<0.1	2.1	5	123.0	<0.1	5.7	0.22	<0.1	0.05	<0.02	1.3	0.34	7	2.0	<0.05	0.1	2.16	1.6	<10	<2
105A12	1127	9	467788	6713993		Q	40.2	0.48	<0.02	0.04	0.3	0.010	<0.1	2.0	4	106.7	<0.1	4.3	0.13	<0.1	0.05	<0.02	0.6	0.32	7	1.1	<0.05	<0.1	1.93	2.0	<10	2
105A12	1128	9	472106	6713204		Q	92.4	0.44	0.11	0.10	2.9	0.016	0.3	3.8	27	118.5	0.6	15.2	0.67	0.1	0.19	<0.02	9.5	1.00	10	8.3	<0.05	0.3	7.25	8.8	<10	<2
105A11	1130	9	479244	6709311		Q	26.9	0.33	0.06	0.04	0.3	0.014	<0.1	2.3	5	132.4	<0.1	5.4	0.17	<0.1	0.03	<0.02	1.1	0.32	3	1.8	<0.05	<0.1	2.09	2.0	<10	4
105A11	1131	9	483252	6709698		Q	131.3	0.60	0.03	0.08	1.2	0.015	0.1	4.0	22	89.8	0.4	8.0	0.51	0.2	0.08	<0.02	6.8	0.54	12	5.6	<0.05	0.2	4.77	4.2	<10	<2
105A11	1132	9	489155	6713258		Q	29.8	0.78	0.06	0.07	0.7	0.011	<0.1	4.9	9	130.5	<0.1	4.7	0.16	<0.1	0.07	<0.02	1.3	0.38	13	1.8	<0.05	<0.1	2.72	3.5	<10	<2
105A06	1133	9	491333	6706234		CPA	50.3	0.40	<0.02	0.08	1.2	0.012	0.1	2.9	13	114.5	0.6	10.1	0.42	<0.1	0.15	<0.02	6.2	0.61	10	4.7	<0.05	0.2	4.98	5.0	<10	<2
105A06	1134	9	492474	6699260		CPA	480.0	0.90	0.05	0.02	0.3	0.005	<0.1	4.2	3	33.1	0.1	1.9	0.08	<0.1	<0.02	<0.02	1.1	0.16	12	0.8	<0.05	<0.1	1.18	0.8	<10	<2

MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	REP	GEOL UNIT	Al % 0.01 ICPMS	Sb ppm 0.02 ICPMS	As ppm 0.1 ICPMS	Ba ppm 0.5 ICPMS	Bi ppm 0.02 ICPMS	B ppm 20 ICPMS	Cd ppm 0.01 ICPMS	Ca % 0.01 ICPMS	Cr ppm 0.5 ICPMS	Co ppm 0.1 ICPMS	Cu ppm 0.01 ICPMS	Ga ppm 0.1 ICPMS	Au ppb 0.2 ICPMS	Fe % 0.01 ICPMS	La ppm 0.5 ICPMS	Pb ppm 0.01 ICPMS	Mg % 0.01 ICPMS	Mn ppm 1 ICPMS	Hg ppb 5 ICPMS	Mo ppm 0.01 ICPMS	Ni ppm 0.1 ICPMS	P % 0.001 ICPMS	K % 0.01 ICPMS	Sc ppm 0.1 ICPMS	Se ppm 0.1 ICPMS	Ag ppb 2 ICPMS	Na % 0.001 ICPMS
105A06	1135	9	491718	6695717		CPA	0.74	0.29	1.0	99.1	0.08	<20	2.99	0.42	29.2	6.6	35.04	1.6	2.3	0.24	5.7	4.95	0.09	102	53	2.95	20.9	0.105	0.04	0.5	1.7	589	0.031
105A06	1136	9	492528	6692273		CPA	1.02	0.35	1.1	144.0	0.10	<20	1.20	0.79	23.9	6.7	34.26	1.9	1.9	0.62	6.3	5.51	0.20	126	118	1.26	25.8	0.158	0.05	0.7	3.1	355	0.026
105A07	1137	9	500363	6691441		Q	1.02	0.36	12.4	258.2	0.16	<20	0.92	1.13	26.5	8.8	33.05	2.2	2.1	1.88	8.9	9.20	0.36	504	88	1.55	27.8	0.109	0.08	2.1	2.4	198	0.034
105A03	1138	9	492696	6667820		Q	0.23	0.21	158.7	476.8	0.04	<20	0.23	2.50	7.8	7.1	7.02	0.8	1.3	15.14	1.5	1.52	0.14	870	33	3.34	9.7	0.516	0.01	1.0	1.5	51	0.017
105A03	1139	9	490756	6668860		Q	0.16	0.41	94.6	283.3	0.06	<20	0.25	10.78	8.4	5.3	11.97	1.9	1.3	10.14	1.5	1.54	0.18	10000	43	3.06	11.8	0.787	0.01	3.0	1.6	64	0.018
105A03	1140	9	480425	6678510		Q	0.54	0.48	13.4	130.9	0.17	<20	0.27	0.70	25.6	5.6	19.89	2.6	1.4	1.06	5.9	5.17	0.16	157	25	2.99	23.7	0.075	0.05	1.2	1.0	105	0.028
105A06	1142	9	474964	6680471		Q	0.03	0.08	656.8	675.8	<0.02	<20	0.06	20.64	0.7	1.0	1.31	0.4	0.8	11.39	<0.5	0.23	0.21	3337	8	3.78	1.0	0.693	<0.01	0.9	0.4	13	0.008
105A05	1143	9	472112	6685719	1	Q	0.15	0.11	137.3	789.4	0.05	<20	0.15	22.27	3.3	1.5	3.63	0.6	0.8	3.01	1.4	1.74	0.27	1357	24	5.80	3.8	0.090	0.01	0.7	0.5	18	0.014
105A05	1144	9	472112	6685719	2	Q	0.17	0.13	92.8	768.3	0.04	<20	0.14	23.35	3.8	1.5	3.51	0.6	1.2	2.52	1.5	1.75	0.28	1164	21	6.10	3.5	0.063	0.02	0.7	0.6	25	0.016
105A06	1145	9	478464	6706971		Q	1.28	1.22	26.4	435.3	0.29	<20	1.13	3.32	25.9	12.5	38.47	3.5	2.2	4.65	11.2	12.25	0.47	1752	164	5.55	33.4	0.115	0.12	3.3	9.0	254	0.022
105A06	1146	9	476904	6706171		Q	1.11	1.05	23.0	228.8	0.19	<20	1.51	2.58	18.9	7.9	35.80	2.1	1.0	3.26	8.6	7.53	0.28	1214	198	4.22	30.0	0.154	0.07	4.9	5.1	371	0.020
105A06	1147	9	473702	6705694		Q	0.77	0.35	131.1	400.5	0.07	<20	0.27	1.83	11.0	4.7	17.01	1.8	0.7	13.47	3.6	2.74	0.18	318	56	1.84	16.8	0.137	0.04	0.4	2.0	75	0.038
105A05	1148	9	448886	6696730		Q	0.75	0.36	2.5	139.5	0.14	<20	0.64	0.77	14.5	5.7	23.13	1.8	<0.2	0.52	9.3	5.33	0.16	99	51	1.46	28.7	0.077	0.05	2.0	1.7	171	0.017
105A05	1149	9	445216	6698882		Q	1.39	0.31	13.6	183.2	0.35	<20	0.74	1.27	28.3	10.5	27.34	3.3	0.9	2.58	19.8	15.21	0.41	302	63	1.20	38.1	0.096	0.11	2.9	1.7	191	0.026
105A05	1150	9	445043	6686670		Q	0.57	0.43	1.5	75.3	0.12	<20	0.60	1.33	13.7	6.0	28.79	1.2	0.9	1.46	4.0	4.71	0.21	137	104	2.00	25.6	0.091	0.04	2.1	2.1	152	0.032
105A05	1152	9	447156	6688891		Q	0.45	0.14	2.3	51.5	0.05	<20	0.36	0.77	10.4	2.3	15.46	0.8	<0.2	0.20	2.5	1.95	0.07	86	17	2.09	14.3	0.054	0.03	0.4	1.5	118	0.029
105A05	1153	9	450882	6688767		Q	1.83	0.50	12.7	116.4	0.81	<20	0.62	0.46	27.1	12.9	32.34	4.9	0.5	3.53	25.8	23.58	0.47	335	50	1.56	34.9	0.116	0.26	3.8	1.2	368	0.018
105A05	1154	9	452754	6686024		Q	0.49	0.31	0.5	110.7	0.07	<20	0.72	0.88	19.7	2.2	25.89	0.9	1.7	0.20	7.2	3.01	0.10	47	38	1.83	27.6	0.087	0.02	1.1	2.0	258	0.016
105A05	1155	9	455145	6683494		Q	0.81	0.22	3.7	75.7	0.12	<20	0.49	0.66	16.9	4.3	19.36	1.5	<0.2	0.90	6.4	4.15	0.13	229	17	1.00	16.9	0.155	0.05	1.0	1.6	180	0.028
105A05	1156	9	463310	6682242		Q	0.81	0.30	27.1	205.4	0.17	<20	0.81	1.40	21.2	4.7	23.48	1.5	<0.2	2.26	6.6	4.41	0.20	187	99	2.52	26.1	0.142	0.04	2.6	2.6	297	0.021
105A05	1157	9	463545	6686889		Q	1.46	0.51	2.7	230.8	0.24	<20	1.90	1.12	25.7	6.6	43.15	1.9	2.1	0.52	11.1	4.98	0.18	136	202	1.71	62.1	0.300	0.05	1.7	2.0	799	0.019
105A05	1158	9	468058	6681687		Q	0.15	1.01	37.3	224.0	<0.02	<20	0.30	19.31	12.0	2.5	15.48	1.8	1.0	10.23	0.8	0.60	0.13	10000	38	2.97	4.3	0.064	<0.01	0.8	3.2	63	0.015
105A05	1159	9	470749	6683122		Q	0.09	0.17	1.8	162.7	<0.02	<20	0.08	30.13	4.1	0.3	3.19	0.3	2.2	0.05	<0.5	0.33	0.19	104	8	1.09	1.5	0.012	<0.01	0.3	0.5	21	0.009
105A03	1160	9	479434	6673221		Q	0.47	0.45	90.1	365.0	0.18	<20	0.41	2.58	20.4	7.9	21.31	1.8	<0.2	7.15	4.5	6.32	0.26	1485	62	7.56	28.5	0.222	0.04	2.7	1.7	131	0.028
105A03	1162	9	480370	6670762	1	Q	0.57	0.60	17.4	189.3	0.14	<20	0.48	1.31	25.5	7.7	22.61	1.5	0.6	1.33	5.5	4.68	0.25	227	55	5.48	29.9	0.119	0.05	1.9	2.6	135	0.032
105A03	1163	9	480370	6670762	2	Q	0.57	0.51	19.9	172.2	0.11	<20	0.50	1.13	22.6	6.6	20.03	1.7	0.8	1.39	4.8	4.43	0.22	224	55	5.22	25.1	0.119	0.05	1.3	2.6	112	0.037
105A03	1164	9	488509	6667347		Q	0.46	0.32	10.9	456.0	0.13	<20	0.36	7.97	15.5	5.8	10.85	1.3	3.5	3.56	4.4	4.75	0.24	1006	65	1.68	18.7	0.073	0.03	1.6	1.2	75	0.024
105A03	1165	9	496970	6663813		Q	0.09	0.15	20.3	1526.5	<0.02	<20	0.11	21.61	2.9	1.3	2.65	0.3	0.7	1.80	0.6	0.76	0.22	278	7	7.93	3.1	0.055	0.01	0.4	0.4	15	0.021
105A03	1166	9	491670	6664110		Q	0.26	0.10	27.5	453.2	<0.02	<20	0.10	12.14	3.5	4.2	3.63	0.7	0.9	9.54	0.9	0.75	0.13	7825	17	1.75	5.3	0.025	0.01	0.5	0.2	32	0.016
105A03	1167	9	485206	6666903		Q	0.21	0.30	27.3	993.9	0.07	<20	0.28	20.83	8.0	5.1	11.51	1.2	1.4	6.55	1.8	2.01	0.31	6397	48	2.50	16.3	0.198	0.02	1.3	1.1	72	0.017
105A03	1168	9	482858	6667975		Q	0.16	0.11	76.8	723.2	0.03	<20	0.12	8.10	5.6	3.6	5.17	0.6	2.2	14.18	1.3	1.19	0.15	8856	33	1.97	6.4	0.344	0.01	1.0	0.5	35	0.010
105A03	1170	9	474587	6672149		Q	0.24	0.27	11.3	216.8	0.04	<20	0.24	7.49	11.6	7.1	17.31	0.8	0.2	1.87	2.1	1.09	0.21	280	81	3.80	25.4	0.059	0.02	2.6	1.6	90	0.018
105A03	1171	9	473041	6675377		Q	0.12	0.41	3.9	337.2	<0.02	<20	0.22	22.44	9.7	0.8	6.54	0.4	0.5	0.20	0.7	0.60	0.22	82	20	5.19	4.2	0.028	0.02	0.3	2.2	34	0.020
105A05	1172	9	467950	6679901		Q	0.21	0.49	0.5	133.4	0.03	<20	0.25	18.98	13.6	1.0	7.28	0.7	1.4	0.29	1.0	1.30	0.17	82	19	3.39	4.6	0.035	0.02	0.5	1.4	58	0.023
105A04	1173	9	465183	6679181		Q	0.12	0.39	1.9	259.1	<0.02	<20	0.14	30.59	5.7	0.6	3.99	0.5	0.9	0.11	0.6	0.56	0.23	105	7	3.55	2.1	0.018	0.01	0.3	1.1	30	0.008
105A05	1174	9	454569	6680756		Q	0.12	0.35	1.8	260.6	<0.02	<20	0.14	29.68	5.6	0.6	4.21	0.4	1.9	0.11	0.5	0.67	0.23	102	10	3.50	2.2	0.016	<0.01	0.2	0.9	29	0.008
105A04	1175	9	456209	6673550		Q	0.82	0.45	15.4	286.8	0.11	<20	0.68	1.74	22.2	6.2	24.58	2.0	0.2	1.21	7.8	4.81	0.31	496	107	1.92	28.9	0.134	0.07	1.8	2.9	149	0.034
105A04	1177	9	463776	6671985		Q	0.88	0.33	0.4	136.6	0.10	<20	0.93	0.94	24.3	4.6	25.16	1.9	1.6	0.42	7.4	5.74	0.15	104	71	1.21	30.3	0.195	0.05	0.6	1.8	402	0.022
105A04	1178	9	469170	6675515		Q	0.75	0.39	16.5	168.4	0.10	<20	0.97	1.53	18.1	4.2	14.93	2.3	1.4	3.07	5.0	4.46	0.20	668	35	5.64	11.2	0.096	0.04	1.5	1.9	103	0.032
105A03	1179	9	472438	6669712		Q	0.38	0.60	13.0	409.5	0.03	<20	0.37	13.26	19.6	6.4	21.10	1.2	0.5	6.03	2.2	1.46	0.24	688	62	4.23	21.3	0.066	0.02	1.2	3.5	71	0.031

MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	REP	GEOL UNIT	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS	Be 0.1 ppm ICPMS	Ce 0.1 ppm ICPMS	Cs 0.02 ppm ICPMS	Ge 0.1 ppm ICPMS	Hf 0.02 ppm ICPMS	In 0.02 ppm ICPMS	Li 0.1 ppm ICPMS	Nb 0.02 ppm ICPMS	Re 1 ppb ICPMS	Rb 0.1 ppm ICPMS	Ta 0.05 ppm ICPMS	Sn 0.1 ppm ICPMS	Y 0.01 ppm ICPMS	Zr 0.1 ppm ICPMS	Pd 10 ppb ICPMS	Pt 2 ppb ICPMS
105A06	1135	9	491718	6695717		CPA	20.3	0.22	0.07	0.05	<0.1	0.008	0.1	0.6	14	267.3	0.2	10.3	0.35	<0.1	<0.02	<0.02	3.8	0.65	1	5.0	<0.05	0.2	3.69	0.6	<10	<2
105A06	1136	9	492528	6692273		CPA	34.6	0.50	0.05	0.09	0.1	0.011	<0.1	3.3	12	153.1	0.1	11.3	0.42	<0.1	<0.02	<0.02	5.4	0.67	4	4.9	<0.05	0.2	4.47	0.9	<10	2
105A07	1137	9	500363	6691441		Q	56.2	0.61	0.20	0.11	2.3	0.020	0.1	5.1	20	139.6	<0.1	17.1	0.55	0.2	0.15	<0.02	6.9	1.01	9	7.3	<0.05	0.3	6.11	5.7	<10	<2
105A03	1138	9	492696	6667820		Q	66.3	0.47	0.12	0.04	0.7	0.009	0.5	2.2	10	58.5	<0.1	2.7	0.12	0.1	0.06	<0.02	0.9	0.41	4	1.1	<0.05	<0.1	2.15	2.7	<10	<2
105A03	1139	9	490756	6668860		Q	163.4	0.66	0.08	0.03	0.5	0.008	0.6	1.4	13	50.0	<0.1	2.6	0.11	0.2	0.04	<0.02	1.2	0.22	3	1.2	<0.05	<0.1	2.27	1.2	<10	4
105A03	1140	9	480425	6678510		Q	27.3	0.28	0.09	0.04	1.0	0.022	0.2	3.7	15	93.4	0.2	10.6	0.44	<0.1	0.10	<0.02	5.1	0.68	2	5.5	<0.05	0.3	4.19	2.9	<10	<2
105A06	1142	9	474964	6680471		Q	245.2	0.67	<0.02	<0.02	<0.1	0.004	2.5	1.0	5	14.5	<0.1	0.3	0.04	<0.1	<0.02	<0.02	0.4	0.05	2	0.2	<0.05	<0.1	0.34	0.2	<10	<2
105A05	1143	9	472112	6685719	1	Q	345.7	0.60	0.05	<0.02	0.4	0.006	1.4	3.7	4	26.2	<0.1	2.8	0.22	0.1	<0.02	<0.02	1.7	0.22	6	1.8	<0.05	<0.1	1.79	0.4	<10	<2
105A05	1144	9	472112	6685719	2	Q	359.1	0.61	0.04	<0.02	0.4	0.007	1.1	4.9	4	26.8	0.1	3.0	0.25	<0.1	<0.02	<0.02	2.0	0.27	5	2.0	<0.05	<0.1	1.94	0.5	<10	<2
105A06	1145	9	478464	6706971		Q	92.7	0.70	0.02	0.12	3.6	0.017	0.2	7.6	31	140.4	0.4	19.6	0.74	0.1	0.17	0.04	11.6	1.05	20	9.7	<0.05	0.3	9.72	6.1	<10	<2
105A06	1146	9	476904	6706171		Q	61.0	1.03	<0.02	0.08	2.2	0.012	0.1	6.9	24	162.4	<0.1	15.6	0.44	<0.1	0.14	<0.02	5.7	0.79	21	5.3	<0.05	0.1	8.33	5.2	<10	<2
105A06	1147	9	473702	6705694		Q	44.7	0.66	<0.02	0.05	1.5	0.015	0.1	3.0	15	91.5	0.1	7.0	0.22	0.2	0.17	<0.02	2.6	0.57	10	2.4	<0.05	0.1	2.84	7.6	<10	<2
105A05	1148	9	448886	6696730		Q	39.8	0.28	<0.02	0.07	0.7	0.011	<0.1	4.9	9	120.7	<0.1	16.2	0.60	<0.1	<0.02	<0.02	7.8	0.66	3	5.9	<0.05	0.3	4.80	1.7	<10	<2
105A05	1149	9	445216	6698882		Q	67.1	0.44	<0.02	0.12	6.1	0.017	0.2	6.3	19	134.7	0.1	35.2	1.06	<0.1	0.09	<0.02	17.8	1.20	2	11.8	<0.05	0.3	9.05	3.6	13	<2
105A05	1150	9	445043	6686670		Q	49.3	1.50	0.12	0.07	1.3	0.009	0.3	7.7	9	133.0	<0.1	7.3	0.31	<0.1	0.09	<0.02	4.6	0.49	3	3.4	<0.05	0.2	4.12	3.4	<10	<2
105A05	1152	9	447156	6688891		Q	37.2	0.29	0.04	0.03	0.2	0.011	0.1	2.3	5	134.2	<0.1	4.7	0.23	0.1	0.03	<0.02	1.8	0.35	4	1.6	<0.05	<0.1	1.32	1.7	<10	<2
105A05	1153	9	450882	6688767		Q	26.6	0.35	0.06	0.30	6.3	0.030	1.4	7.1	24	249.5	0.8	47.6	3.88	0.1	0.03	0.03	31.5	2.31	5	30.1	<0.05	0.9	11.87	1.8	<10	<2
105A05	1154	9	452754	6686024		Q	54.2	0.32	<0.02	0.03	0.3	0.007	0.2	7.1	7	131.2	0.2	11.2	0.34	<0.1	0.03	<0.02	2.1	0.48	3	2.9	<0.05	0.1	6.53	1.3	<10	<2
105A05	1155	9	455145	6683494		Q	27.1	0.25	0.06	0.07	0.5	0.013	0.2	4.1	10	114.9	0.6	12.3	0.45	<0.1	<0.02	<0.02	3.8	0.61	2	4.8	<0.05	0.2	3.98	1.0	<10	<2
105A05	1156	9	463310	6682242		Q	56.0	0.67	<0.02	0.08	2.6	0.013	0.5	13.0	13	135.8	0.7	12.7	0.40	0.1	0.12	<0.02	5.4	0.81	5	4.3	<0.05	0.2	6.24	4.7	15	4
105A05	1157	9	463545	6686889		Q	46.8	0.38	<0.02	0.08	0.8	0.010	0.1	3.9	14	185.4	0.6	19.7	0.52	<0.1	0.11	0.02	5.2	0.82	5	5.8	<0.05	0.2	8.07	2.6	<10	4
105A05	1158	9	468058	6681687		Q	229.5	0.48	0.02	0.04	0.3	0.003	0.3	8.9	18	44.7	0.1	1.3	0.07	0.1	<0.02	<0.02	1.0	0.11	<1	0.5	<0.05	<0.1	1.38	0.6	<10	<2
105A05	1159	9	470749	6683122		Q	258.6	0.31	0.04	<0.02	<0.1	0.002	<0.1	3.4	<2	19.8	<0.1	0.8	0.05	<0.1	<0.02	<0.02	0.4	0.09	<1	0.5	<0.05	<0.1	0.50	0.3	<10	2
105A03	1160	9	479434	6673221		Q	76.5	0.95	0.16	0.06	1.3	0.025	0.4	2.0	23	145.1	0.3	8.4	0.47	0.1	0.06	<0.02	3.9	0.83	9	4.4	<0.05	0.2	3.19	3.2	<10	<2
105A03	1162	9	480370	6670762	1	Q	44.5	0.82	0.06	0.08	1.3	0.021	0.4	6.2	17	138.4	0.3	10.3	0.46	0.1	0.09	<0.02	5.8	1.02	8	4.7	<0.05	0.2	4.27	5.1	<10	6
105A03	1163	9	480370	6670762	2	Q	40.0	0.80	<0.02	0.08	1.0	0.019	0.3	5.9	15	114.0	0.9	9.2	0.41	<0.1	0.07	<0.02	3.7	0.83	11	4.0	<0.05	0.2	3.72	4.4	17	3
105A03	1164	9	488509	6667347		Q	135.8	0.47	0.03	0.07	1.4	0.016	0.2	1.3	13	63.8	0.2	9.5	0.42	<0.1	0.04	<0.02	4.8	0.81	5	4.5	<0.05	0.2	5.87	3.2	<10	5
105A03	1165	9	496970	6663813		Q	348.7	0.52	0.04	<0.02	0.1	0.002	1.4	1.2	4	27.2	<0.1	1.1	0.07	0.1	<0.02	<0.02	0.6	0.16	<1	1.1	<0.05	<0.1	0.89	0.7	<10	2
105A03	1166	9	491670	6664110		Q	187.3	0.15	<0.02	0.03	0.3	0.005	<0.1	0.8	4	48.6	<0.1	1.9	0.07	<0.1	<0.02	<0.02	0.9	0.10	<1	0.8	<0.05	<0.1	0.65	0.5	<10	5
105A03	1167	9	485206	6666903		Q	289.8	0.48	0.05	0.04	0.6	0.008	0.3	1.8	16	45.4	0.1	3.6	0.22	<0.1	0.03	<0.02	2.3	0.36	<1	2.0	<0.05	<0.1	2.67	1.4	<10	<2
105A03	1168	9	482858	6667975		Q	140.7	0.28	<0.02	0.02	0.5	0.008	0.2	0.6	9	28.0	0.1	2.8	0.12	<0.1	<0.02	<0.02	1.2	0.17	<1	1.4	<0.05	<0.1	1.96	1.1	<10	<2
105A03	1170	9	474587	6672149		Q	117.7	1.18	0.07	0.04	0.5	0.011	0.2	3.0	13	90.7	<0.1	3.9	0.13	0.2	0.07	<0.02	0.8	0.49	7	1.0	<0.05	0.1	3.43	5.9	<10	<2
105A03	1171	9	473041	6675377		Q	275.1	0.63	0.02	<0.02	0.1	0.005	0.1	9.8	4	43.2	<0.1	1.4	0.08	<0.1	<0.02	<0.02	0.6	0.13	2	0.8	<0.05	<0.1	0.66	0.5	<10	3
105A05	1172	9	467950	6679901		Q	182.4	0.78	0.08	0.03	0.2	0.009	0.2	16.0	8	67.0	<0.1	2.0	0.18	<0.1	<0.02	<0.02	2.3	0.26	<1	1.6	<0.05	<0.1	0.75	0.6	<10	<2
105A04	1173	9	465183	6679181		Q	340.1	0.39	0.05	<0.02	<0.1	0.004	<0.1	6.3	4	27.0	<0.1	1.0	0.09	<0.1	<0.02	<0.02	1.1	0.14	<1	0.9	<0.05	<0.1	0.47	0.3	<10	<2
105A05	1174	9	454569	6680756		Q	340.9	0.38	<0.02	<0.02	<0.1	0.004	0.1	6.5	4	25.6	<0.1	1.0	0.08	<0.1	<0.02	<0.02	1.0	0.13	<1	0.8	<0.05	<0.1	0.43	0.3	<10	<2
105A04	1175	9	456209	6673550		Q	66.6	0.52	<0.02	0.08	1.9	0.022	0.2	6.6	14	124.8	0.4	13.9	0.58	<0.1	0.08	<0.02	6.8	1.04	6	7.4	<0.05	0.2	5.18	5.7	<10	<2
105A04	1177	9	463776	6671985		Q	28.7	0.36	0.03	0.06	<0.1	0.010	0.2	2.0	13	145.1	0.2	12.8	0.49	<0.1	<0.02	<0.02	4.9	0.55	<1	6.6	<0.05	0.2	5.36	0.6	<10	<2
105A04	1178	9	469170	6675515		Q	52.2	1.03	0.12	0.06	1.2	0.025	0.4	6.4	19	150.4	0.4	8.9	0.48	<0.1	0.10	<0.02	6.3	1.15	7	5.0	<0.05	0.3	4.75	5.7	<10	<2
105A03	1179	9	472438	6669712		Q	198.0	0.66	0.03	0.07	0.5	0.011	0.2	5.9	17	84.2	0.1	4.1	0.13	<0.1	0.07	<0.02	1.0	0.45	4	1.1	<0.05	<0.1	3.20	4.4	<10	<2

MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	REP	GEOL UNIT	Al % 0.01 ICPMS	Sb ppm 0.02 ICPMS	As ppm 0.1 ICPMS	Ba ppm 0.5 ICPMS	Bi ppm 0.02 ICPMS	B ppm 20 ICPMS	Cd ppm 0.01 ICPMS	Ca % 0.01 ICPMS	Cr ppm 0.5 ICPMS	Co ppm 0.1 ICPMS	Cu ppm 0.01 ICPMS	Ga ppm 0.1 ICPMS	Au ppb 0.2 ICPMS	Fe % 0.01 ICPMS	La ppm 0.5 ICPMS	Pb ppm 0.01 ICPMS	Mg % 0.01 ICPMS	Mn ppm 1 ICPMS	Hg ppb 5 ICPMS	Mo ppm 0.01 ICPMS	Ni ppm 0.1 ICPMS	P % 0.001 ICPMS	K % 0.01 ICPMS	Sc ppm 0.1 ICPMS	Se ppm 0.1 ICPMS	Ag ppb 2 ICPMS	Na % 0.001 ICPMS
105A03	1180	9	475798	6668705		Q	0.53	0.26	28.0	430.1	0.08	<20	0.20	9.74	12.3	7.1	15.36	1.4	<0.2	9.73	3.0	2.68	0.30	752	59	3.28	28.0	0.074	0.03	1.6	1.7	81	0.028
105A03	1183	9	483797	6664962		Q	0.41	0.47	251.2	258.4	0.12	<20	0.55	8.65	13.9	7.6	20.58	1.8	1.2	8.07	3.7	3.28	0.24	7382	76	7.63	25.0	1.518	0.04	1.8	1.8	118	0.024
105A03	1184	9	488275	6661727	1	Q	0.14	0.27	48.7	329.7	0.04	<20	0.19	12.08	11.3	2.4	6.46	0.6	2.1	13.01	0.7	0.78	0.19	2803	30	3.51	6.3	0.322	<0.01	0.8	3.7	50	0.016
105A03	1185	9	488275	6661727	2	Q	0.14	0.29	61.3	341.3	0.03	<20	0.17	11.63	11.7	3.5	7.10	0.8	0.7	13.94	0.8	0.70	0.19	2811	48	3.78	7.8	0.387	<0.01	0.9	3.1	53	0.009
105A03	1186	9	495503	6661453		Q	0.27	0.47	30.9	828.5	0.07	<20	0.33	10.37	13.1	4.8	12.17	1.0	0.7	5.30	2.0	2.17	0.22	1903	56	2.84	12.5	0.114	0.02	1.0	3.1	52	0.021
105A03	1187	9	499485	6661478		Q	0.30	0.28	96.5	1361.5	0.10	<20	0.48	8.36	13.3	5.0	12.42	1.2	0.6	10.93	3.2	3.52	0.21	2909	54	1.09	11.6	0.397	0.02	1.3	2.7	64	0.020
105A02	1188	9	502888	6660011		Q	0.36	0.26	31.8	321.7	0.06	<20	0.53	13.12	11.5	6.8	7.24	1.3	0.4	10.38	2.5	2.13	0.30	4119	18	2.22	20.5	0.312	0.03	1.3	4.1	46	0.022
105A03	1189	9	491710	6659611		Q	0.18	0.21	84.2	279.7	0.05	<20	0.31	13.93	6.9	6.7	13.20	2.7	<0.2	10.27	1.2	1.04	0.18	10000	50	5.30	16.4	1.073	0.01	0.8	2.2	110	0.010
105A03	1190	9	483650	6660651		Q	0.22	0.62	3.3	701.5	0.04	<20	0.40	25.06	20.4	1.9	12.12	0.6	1.1	0.70	1.4	1.47	0.28	457	45	8.70	13.9	0.059	0.01	0.9	7.4	63	0.016
105A03	1191	9	483067	6662169		Q	0.33	0.33	37.3	864.0	0.06	<20	0.67	12.85	11.4	6.8	7.09	1.1	0.7	10.84	2.4	2.36	0.31	3804	30	2.46	19.8	0.333	0.03	1.2	4.5	51	0.023
105A03	1192	9	477179	6662356		Q	0.40	0.35	44.1	193.8	0.09	<20	0.54	7.74	25.9	10.7	16.21	1.8	<0.2	10.43	3.8	3.00	0.25	7968	60	4.70	24.8	0.138	0.03	1.8	5.0	80	0.020
105A03	1193	9	477778	6665260		Q	0.68	0.28	1.2	146.1	0.07	<20	0.71	0.91	19.4	5.9	20.85	1.7	<0.2	0.70	4.7	3.49	0.15	258	30	1.29	25.9	0.149	0.04	0.7	1.1	149	0.028
105A03	1194	9	475640	6664490		Q	0.56	0.38	1.3	149.4	0.08	<20	1.75	1.32	25.8	7.5	23.93	1.3	0.9	0.48	4.0	3.60	0.15	144	76	1.85	32.7	0.092	0.04	0.9	1.5	165	0.026
105A03	1195	9	475470	6662444		Q	0.49	0.23	24.5	614.9	0.04	<20	0.37	8.99	15.9	8.9	14.70	1.4	0.4	11.18	2.9	2.03	0.27	2651	74	4.98	22.5	0.115	0.02	1.6	2.3	68	0.024
105A03	1196	9	472666	6665019		Q	0.43	0.49	2.0	380.2	0.07	<20	0.50	11.47	23.3	4.4	11.55	0.9	1.8	1.73	2.3	2.27	0.24	181	43	5.69	23.5	0.063	0.02	1.1	6.1	99	0.023
105A03	1197	9	473109	6667022		Q	0.32	0.56	9.6	330.1	0.04	<20	1.68	10.49	14.8	4.0	17.48	0.7	1.5	1.76	2.1	1.80	0.21	145	53	4.83	26.9	0.058	0.03	0.8	3.9	84	0.025
105A04	1198	9	468921	6663705		Q	0.94	0.24	1.0	158.7	0.08	<20	1.35	1.13	30.9	4.9	26.17	1.9	<0.2	0.51	5.0	3.68	0.14	123	86	1.17	29.8	0.215	0.05	0.6	1.5	294	0.029
105A04	1199	9	464852	6662772		Q	0.86	0.65	2.6	262.0	0.11	<20	1.51	1.27	31.1	9.6	26.62	2.7	4.6	0.77	7.7	6.22	0.25	157	64	1.32	33.0	0.084	0.04	1.9	1.8	218	0.014
105A04	1200	9	453525	6671829		Q	0.28	0.19	0.5	175.9	0.02	<20	0.43	10.45	11.7	1.5	11.31	0.5	0.6	0.34	1.9	1.40	0.21	85	53	1.80	11.4	0.047	0.03	0.7	1.8	88	0.034
105A04	1202	9	450882	6671297	1	Q	0.48	0.25	14.1	242.9	0.09	<20	0.30	14.99	32.6	8.6	18.62	1.0	<0.2	1.59	7.3	5.28	0.36	742	47	0.68	18.1	0.042	0.06	1.4	3.1	58	0.009
105A04	1203	9	450882	6671297	2	Q	0.47	0.24	15.1	236.1	0.08	<20	0.45	13.76	32.8	9.0	18.93	1.1	<0.2	1.45	7.1	5.39	0.35	643	56	1.00	17.2	0.044	0.06	1.6	3.5	50	0.010
105A04	1204	9	446110	6672298		Q	1.38	0.26	10.2	175.2	0.28	<20	0.16	0.74	22.4	38.6	29.83	4.0	<0.2	8.24	29.7	17.42	0.45	1549	51	0.96	35.9	0.143	0.17	3.8	1.0	86	0.006
105A04	1205	9	453733	6664210		lCR	0.80	1.03	5.2	231.4	0.13	<20	1.02	2.06	35.3	11.7	37.80	2.2	2.2	1.87	9.2	10.32	0.49	394	256	3.61	40.6	0.126	0.09	4.0	4.3	231	0.021
105A04	1206	9	456574	6663383		Q	0.58	2.85	6.1	151.3	0.13	<20	2.41	2.45	46.4	10.4	69.72	1.7	0.8	1.83	5.7	7.92	0.44	405	151	11.00	62.8	0.107	0.06	2.5	12.2	330	0.034
105A04	1207	9	459545	6662656		Q	0.43	0.32	1.0	276.8	0.05	<20	0.78	0.88	17.8	2.7	27.08	0.8	0.2	0.29	3.3	3.29	0.13	70	61	2.79	28.8	0.127	0.03	<0.1	2.1	199	0.023
105A04	1208	9	470349	6662458		Q	1.27	0.30	0.9	207.7	0.10	<20	1.53	0.69	34.3	4.9	36.83	2.4	<0.2	0.45	7.8	5.06	0.16	95	120	1.55	36.9	0.265	0.05	0.6	2.3	638	0.017
105A03	1209	9	473047	6661399		Q	0.73	0.51	7.9	336.6	0.11	<20	0.88	1.88	32.6	10.4	24.54	1.6	0.7	1.43	6.7	4.91	0.32	209	112	2.93	41.3	0.120	0.05	2.4	2.5	143	0.027
105A03	1210	9	482575	6657763		Q	0.67	0.32	2.2	129.3	0.09	<20	0.72	0.77	34.2	6.2	20.96	1.5	<0.2	0.53	5.3	4.48	0.16	145	47	1.63	22.3	0.121	0.05	0.7	1.4	187	0.026
105A03	1211	9	496159	6657592		Q	0.77	0.84	20.6	376.0	0.13	<20	0.61	3.06	32.4	10.6	22.23	2.4	<0.2	2.38	8.4	5.47	0.40	2793	31	4.90	21.8	0.105	0.07	1.8	2.5	129	0.049
105A03	1212	9	492295	6656375		Q	0.45	0.41	2.4	192.1	0.09	<20	0.93	1.08	37.9	5.7	17.95	1.2	<0.2	0.74	3.4	3.98	0.17	356	61	2.48	18.2	0.104	0.04	0.9	1.8	137	0.032
105A03	1214	9	485536	6655814		Q	1.04	0.57	4.9	352.7	0.22	<20	0.75	1.40	51.9	11.5	24.28	3.0	<0.2	1.15	10.5	9.87	0.35	477	46	3.51	44.2	0.104	0.09	2.5	2.0	151	0.027
105A03	1215	9	479053	6657189		Q	0.48	0.46	2.5	201.7	0.10	<20	0.91	1.20	31.9	4.8	19.16	1.3	0.6	0.53	3.3	4.36	0.20	187	30	3.79	23.5	0.087	0.04	1.2	1.9	134	0.034
105A03	1216	9	475767	6658424		Q	0.32	0.52	11.3	307.6	0.04	<20	1.69	11.08	16.4	4.2	15.68	0.6	<0.2	1.86	2.2	1.90	0.22	156	44	5.12	29.7	0.058	0.03	1.0	4.5	81	0.023
105A04	1217	9	468440	6660965		Q	0.71	0.30	1.3	154.1	0.13	<20	0.89	0.70	35.3	7.6	21.80	2.0	0.3	0.65	6.2	6.13	0.20	124	40	1.71	32.5	0.091	0.05	0.8	1.9	136	0.018
105A04	1218	9	464824	6659426		Q	0.10	0.23	0.8	689.1	0.44	<20	0.20	18.41	6.8	1.8	10.18	0.2	1.2	0.53	1.0	1.34	0.36	177	52	2.31	10.1	0.045	0.03	0.5	2.3	18	0.016
105A04	1219	9	461923	6659039		Q	0.35	1.30	1.5	1126.4	0.16	<20	0.60	18.65	133.1	5.5	23.21	0.8	1.0	0.97	1.8	2.28	0.41	1063	80	6.30	17.5	0.073	0.04	0.9	6.4	84	0.018
105A04	1220	9	459605	6658195		Q	0.20	0.64	7.3	148.7	0.09	<20	0.55	11.93	20.1	6.4	31.14	0.8	1.5	9.76	2.0	1.18	0.27	6124	107	12.33	18.2	1.219	0.01	1.6	8.2	84	0.016
105A04	1222	9	455600	6656179		Q	0.29	1.42	8.8	448.5	0.18	<20	0.87	2.16	19.8	5.0	30.80	1.2	1.2	13.60	2.5	5.14	0.17	3425	71	6.75	21.2	0.130	0.03	1.4	4.2	166	0.021
105A04	1223	9	453129	6659239	1	Q	0.50	0.50	1.5	166.1	0.19	<20	0.68	1.74	23.3	4.7	29.75	1.2	1.5	0.69	5.1	3.76	0.19	162	99	3.26	32.0	0.093	0.04	1.8	1.3	190	0.029
105A04	1225	9	453129	6659239	2	Q	0.42	0.53	1.6	154.8	0.14	<20	0.79	1.84	36.4	5.3	26.21	0.9	1.1	0.65	4.0	3.63	0.18	85	134	3.21	34.1	0.081	0.04	1.5	2.2	181	0.023

MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	REP	GEOL UNIT	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS	Be 0.1 ppm ICPMS	Ce 0.1 ppm ICPMS	Cs 0.02 ppm ICPMS	Ge 0.1 ppm ICPMS	Hf 0.02 ppm ICPMS	In 0.02 ppm ICPMS	Li 0.1 ppm ICPMS	Nb 0.02 ppm ICPMS	Re 1 ppb ICPMS	Rb 0.1 ppm ICPMS	Ta 0.05 ppm ICPMS	Sn 0.1 ppm ICPMS	Y 0.01 ppm ICPMS	Zr 0.1 ppm ICPMS	Pd 10 ppb ICPMS	Pt 2 ppb ICPMS
105A03	1180	9	475798	6668705		Q	158.8	0.51	0.08	0.06	1.0	0.016	0.2	4.4	17	67.6	0.4	5.8	0.26	0.2	0.10	<0.02	2.6	0.71	3	2.3	<0.05	<0.1	2.56	4.4	<10	<2
105A03	1183	9	483797	6664962		Q	191.7	0.89	<0.02	0.05	1.3	0.023	1.6	1.9	18	76.0	0.1	6.8	0.28	<0.1	0.03	<0.02	3.4	0.57	2	3.2	<0.05	0.2	3.37	2.9	<10	<2
105A03	1184	9	488275	6661727	1	Q	167.0	0.80	0.02	<0.02	0.3	0.006	0.1	3.4	17	40.9	0.1	1.5	0.07	0.2	<0.02	<0.02	0.8	0.16	3	0.6	<0.05	<0.1	1.41	1.1	<10	<2
105A03	1185	9	488275	6661727	2	Q	164.3	0.84	0.05	<0.02	0.3	0.006	0.2	3.1	17	37.5	0.1	1.4	0.06	0.2	<0.02	<0.02	0.8	0.13	3	0.6	<0.05	<0.1	1.48	1.1	<10	<2
105A03	1186	9	495503	6661453		Q	175.4	0.64	0.05	0.05	0.7	0.009	0.4	3.0	13	51.6	0.1	4.1	0.19	0.1	0.05	<0.02	2.1	0.38	5	1.9	<0.05	<0.1	3.77	2.3	<10	<2
105A03	1187	9	499485	6661478		Q	162.1	0.38	0.07	0.07	1.3	0.011	0.4	1.2	14	52.2	0.3	5.6	0.28	0.1	0.06	<0.02	3.6	0.46	<1	3.7	<0.05	<0.1	4.66	2.2	<10	<2
105A02	1188	9	502888	6660011		Q	229.2	0.75	0.02	0.03	1.0	0.015	0.1	8.3	14	34.2	<0.1	4.9	0.21	0.2	0.04	<0.02	2.9	0.35	4	2.7	<0.05	<0.1	2.39	1.5	<10	<2
105A03	1189	9	491710	6659611		Q	241.3	0.90	0.03	0.02	0.5	0.010	0.7	1.5	10	59.6	0.4	2.3	0.11	<0.1	0.03	<0.02	0.6	0.22	6	1.0	<0.05	<0.1	1.65	1.5	<10	7
105A03	1190	9	483650	6660651		Q	304.5	0.87	0.05	0.03	0.3	0.007	<0.1	10.5	15	36.0	<0.1	2.6	0.18	<0.1	0.02	<0.02	1.6	0.27	11	1.4	<0.05	<0.1	2.33	1.2	<10	<2
105A03	1191	9	483067	6662169		Q	263.9	0.69	<0.02	0.03	1.0	0.014	0.1	8.9	16	36.8	0.1	5.0	0.25	0.1	0.05	<0.02	4.0	0.43	2	3.1	<0.05	0.2	2.39	1.8	<10	2
105A03	1192	9	477179	6662356		Q	150.2	1.12	0.07	0.04	1.1	0.018	0.3	4.0	25	70.0	0.2	7.2	0.30	0.2	0.06	<0.02	2.5	0.53	10	2.9	<0.05	0.1	4.78	3.5	<10	3
105A03	1193	9	477778	6665260		Q	26.8	0.31	<0.02	0.04	<0.1	0.013	<0.1	2.2	14	115.6	0.6	8.7	0.29	<0.1	0.03	<0.02	2.6	0.44	2	3.2	<0.05	0.1	3.53	0.9	<10	<2
105A03	1194	9	475640	6664490		Q	37.6	0.33	0.05	0.04	0.3	0.012	<0.1	6.1	13	132.9	0.5	7.5	0.27	<0.1	0.03	<0.02	2.2	0.56	2	2.9	<0.05	0.1	3.30	2.5	<10	<2
105A03	1195	9	475470	6662444		Q	141.1	0.53	0.07	0.06	0.8	0.015	0.2	4.5	14	81.3	<0.1	5.6	0.18	<0.1	0.06	<0.02	1.7	0.52	5	2.1	<0.05	<0.1	3.77	5.1	18	<2
105A03	1196	9	472666	6665019		Q	158.8	1.07	0.14	0.05	0.6	0.010	<0.1	17.4	12	91.2	0.1	4.1	0.19	<0.1	0.04	<0.02	2.2	0.38	9	1.8	<0.05	<0.1	1.92	2.2	<10	<2
105A03	1197	9	473109	6667022		Q	166.2	0.91	0.09	0.05	0.5	0.009	0.2	10.9	15	84.8	0.3	3.7	0.16	<0.1	0.05	<0.02	1.2	0.39	10	1.5	<0.05	<0.1	2.55	2.8	<10	<2
105A04	1198	9	468921	6663705		Q	31.9	0.34	<0.02	0.05	0.1	0.009	<0.1	1.6	10	206.6	0.1	9.4	0.32	<0.1	<0.02	<0.02	3.3	0.52	<1	3.7	<0.05	<0.1	3.60	0.7	12	<2
105A04	1199	9	464852	6662772		Q	32.8	0.36	0.03	0.09	0.5	0.032	<0.1	3.1	19	175.9	0.4	14.7	0.49	<0.1	0.07	<0.02	6.9	1.11	3	7.9	<0.05	0.3	5.67	2.8	<10	<2
105A04	1200	9	453525	6671829		Q	143.1	0.98	0.05	0.05	0.2	0.007	<0.1	5.7	5	68.3	<0.1	3.2	0.13	<0.1	0.03	<0.02	1.0	0.24	3	1.3	<0.05	<0.1	1.68	1.1	<10	<2
105A04	1202	9	450882	6671297	1	Q	227.7	1.02	<0.02	0.07	2.3	0.013	0.2	2.1	9	63.0	0.3	13.2	0.54	<0.1	0.07	<0.02	5.0	0.55	4	5.4	<0.05	<0.1	7.19	4.2	<10	<2
105A04	1203	9	450882	6671297	2	Q	220.5	1.05	<0.02	0.06	2.2	0.013	<0.1	2.5	9	55.8	0.3	12.9	0.54	<0.1	0.06	0.02	4.3	0.65	6	5.3	<0.05	<0.1	7.37	4.7	<10	3
105A04	1204	9	446110	6672298		Q	28.7	0.62	<0.02	0.12	9.7	0.007	<0.1	2.8	20	79.3	0.6	57.3	1.48	<0.1	0.21	<0.02	14.9	0.49	<1	11.0	<0.05	0.2	14.96	10.3	<10	3
105A04	1205	9	453733	6664210		lCR	46.6	1.42	<0.02	0.20	2.0	0.016	0.2	4.6	25	161.1	0.6	17.8	0.54	<0.1	0.18	0.04	5.9	0.75	10	7.1	<0.05	0.3	8.48	6.7	<10	<2
105A04	1206	9	456574	6663383		Q	63.7	2.39	0.09	0.25	1.4	0.028	0.2	16.2	23	247.9	0.7	11.3	0.68	0.1	0.21	<0.02	5.6	1.30	43	6.5	<0.05	0.1	6.43	10.0	<10	<2
105A04	1207	9	459545	6662656		Q	37.1	0.44	<0.02	0.05	0.1	0.010	<0.1	1.9	9	118.9	<0.1	5.9	0.18	<0.1	<0.02	<0.02	1.7	0.35	4	2.1	<0.05	<0.1	2.82	1.4	<10	<2
105A04	1208	9	470349	6662458		Q	23.6	0.37	<0.02	0.07	<0.1	0.010	0.1	1.0	15	211.8	0.4	13.7	0.49	<0.1	<0.02	<0.02	4.6	0.79	1	6.7	<0.05	0.1	5.71	0.9	<10	<2
105A03	1209	9	473047	6661399		Q	56.3	0.70	0.05	0.10	1.4	0.028	0.2	5.1	19	158.1	0.2	12.6	0.49	<0.1	0.14	<0.02	4.1	0.96	5	5.4	<0.05	0.2	5.13	7.7	10	<2
105A03	1210	9	482575	6657763		Q	23.9	0.25	0.12	0.05	0.2	0.013	0.1	2.2	14	117.4	0.5	10.0	0.37	<0.1	0.05	<0.02	4.3	0.57	<1	4.3	<0.05	0.1	3.40	1.1	<10	3
105A03	1211	9	496159	6657592		Q	112.6	0.46	0.06	0.11	1.3	0.052	0.2	7.7	22	140.9	0.2	16.9	0.52	<0.1	0.11	<0.02	6.2	1.75	3	5.5	<0.05	0.3	5.69	3.7	<10	<2
105A03	1212	9	492295	6656375		Q	31.6	0.57	<0.02	0.07	0.4	0.013	<0.1	2.0	11	191.1	0.2	7.1	0.29	0.1	0.06	<0.02	2.8	0.52	3	3.4	<0.05	<0.1	2.77	2.2	<10	<2
105A03	1214	9	485536	6655814		Q	40.7	0.56	0.03	0.11	2.2	0.028	<0.1	6.1	21	174.0	1.0	20.9	1.05	<0.1	0.18	0.03	10.2	1.42	5	10.4	<0.05	0.5	6.11	6.8	<10	<2
105A03	1215	9	479053	6657189		Q	35.8	0.68	0.06	0.06	0.5	0.019	<0.1	3.0	14	150.0	0.6	6.2	0.32	0.1	0.04	<0.02	2.7	0.60	2	3.4	<0.05	0.1	2.58	3.0	<10	<2
105A03	1216	9	475767	6658424		Q	163.1	0.98	0.05	0.05	0.6	0.010	0.1	11.8	15	85.4	0.4	3.8	0.14	<0.1	0.06	<0.02	1.0	0.43	5	1.5	<0.05	<0.1	2.64	3.1	10	<2
105A04	1217	9	468440	6660965		Q	22.2	0.26	<0.02	0.05	0.1	0.015	0.1	1.8	18	150.5	0.6	12.3	0.38	<0.1	<0.02	<0.02	5.4	0.60	1	4.7	<0.05	0.1	4.94	1.0	<10	3
105A04	1218	9	464824	6659426		Q	245.9	0.78	<0.02	0.06	0.2	0.003	<0.1	4.5	4	58.7	<0.1	1.7	0.09	<0.1	0.02	<0.02	0.6	0.11	<1	1.0	<0.05	<0.1	1.41	0.8	<10	<2
105A04	1219	9	461923	6659039		Q	345.3	0.60	0.03	0.13	0.4	0.007	<0.1	11.9	21	78.0	<0.1	3.6	0.33	<0.1	0.02	<0.02	3.2	0.22	22	2.5	<0.05	<0.1	3.24	2.0	<10	<2
105A04	1220	9	459605	6658195		Q	251.7	1.76	<0.02	0.31	0.6	0.014	0.2	7.3	26	68.2	0.1	3.6	0.16	<0.1	0.07	<0.02	1.1	0.36	37	1.2	<0.05	<0.1	4.89	4.1	<10	<2
105A04	1222	9	455600	6656179		Q	54.6	0.86	<0.02	0.17	0.8	0.011	0.1	3.2	21	165.3	<0.1	4.9	0.27	<0.1	0.03	<0.02	2.2	0.36	6	2.7	<0.05	<0.1	2.94	1.7	<10	<2
105A04	1223	9	453129	6659239	1	Q	52.9	0.50	<0.02	0.07	0.7	0.016	0.1	4.6	13	136.3	0.2	9.8	0.35	<0.1	0.14	<0.02	2.4	0.52	3	3.9	<0.05	0.1	4.34	6.3	<10	<2
105A04	1225	9	453129	6659239	2	Q	51.5	0.49	<0.02	0.06	0.6	0.012	0.1	3.4	14	157.8	<0.1	7.9	0.33	<0.1	0.14	<0.02	1.9	0.44	1	3.3	<0.05	0.1	3.99	6.0	<10	<2

MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	REP	GEOL UNIT	Al % 0.01 ICPMS	Sb ppm 0.02 ICPMS	As ppm 0.1 ICPMS	Ba ppm 0.5 ICPMS	Bi ppm 0.02 ICPMS	B ppm 20 ICPMS	Cd ppm 0.01 ICPMS	Ca % 0.01 ICPMS	Cr ppm 0.5 ICPMS	Co ppm 0.1 ICPMS	Cu ppm 0.01 ICPMS	Ga ppm 0.1 ICPMS	Au ppb 0.2 ICPMS	Fe % 0.01 ICPMS	La ppm 0.5 ICPMS	Pb ppm 0.01 ICPMS	Mg % 0.01 ICPMS	Mn ppm 1 ICPMS	Hg ppb 5 ICPMS	Mo ppm 0.01 ICPMS	Ni ppm 0.1 ICPMS	P % 0.001 ICPMS	K % 0.01 ICPMS	Sc ppm 0.1 ICPMS	Se ppm 0.1 ICPMS	Ag ppb 2 ICPMS	Na % 0.001 ICPMS
105A04	1226	9	450594	6653691		lCR	0.54	0.60	2.0	249.1	0.17	<20	0.69	1.88	39.5	8.9	31.66	1.2	0.8	0.64	4.3	4.17	0.26	220	98	2.80	35.0	0.102	0.04	1.4	1.9	166	0.031
105A04	1227	9	445238	6652298		lCR	1.12	1.75	3.6	358.8	0.39	<20	0.83	1.53	61.6	17.0	49.75	3.0	1.5	2.16	9.7	12.10	0.50	345	88	6.07	69.5	0.089	0.09	3.5	3.4	212	0.058
105A04	1228	9	454303	6653346		Q	0.73	0.61	10.4	101.3	0.14	<20	0.34	11.55	22.1	9.0	29.57	2.1	1.7	3.05	4.0	6.98	0.65	841	71	4.44	25.1	0.085	0.08	2.9	2.7	122	0.023
105A04	1229	9	458288	6652467		Q	0.87	0.63	2.7	403.2	0.11	<20	0.90	6.15	38.6	12.4	34.56	2.5	0.4	7.44	7.1	5.41	0.48	432	87	3.83	44.5	0.108	0.05	3.9	10.2	155	0.036
105A04	1230	9	468262	6658869		Q	0.36	1.11	4.6	359.1	0.20	<20	1.24	13.26	38.0	3.1	47.38	1.1	0.8	1.41	2.6	2.89	0.27	151	202	3.93	24.5	0.104	0.03	1.8	6.7	175	0.018
105A03	1231	9	472334	6657823		Q	0.70	0.85	0.7	324.9	0.29	<20	1.28	1.23	26.1	5.1	25.03	2.0	1.1	0.96	4.2	8.17	0.24	262	51	4.35	26.7	0.134	0.05	1.4	3.8	274	0.030
105A03	1232	9	474510	6655692		Q	0.19	1.18	2.1	1088.4	0.03	<20	0.86	23.87	20.6	3.6	25.56	0.6	1.7	1.02	1.0	1.35	0.26	547	67	5.10	18.2	0.060	0.02	0.8	5.2	68	0.018
105A03	1233	9	483700	6654880		Q	1.30	0.89	19.5	1004.7	0.37	<20	0.99	4.19	45.3	17.8	29.58	4.2	2.3	5.89	15.3	21.33	0.81	3879	143	1.44	45.7	0.151	0.10	5.2	4.2	286	0.012
105A03	1234	9	491389	6653344		Q	1.34	0.71	11.4	967.2	0.31	<20	0.95	2.25	38.2	13.3	26.44	4.7	1.9	3.22	18.8	22.70	0.93	2570	172	0.64	37.6	0.089	0.09	5.2	2.0	237	0.008
105A03	1235	9	497995	6654232		Q	0.35	0.50	18.1	542.0	0.09	<20	0.51	15.36	11.6	4.3	14.65	1.0	<0.2	1.91	2.7	5.93	0.31	503	27	5.93	17.6	0.057	0.04	0.9	1.6	122	0.014
105A02	1236	9	501803	6653058		Q	0.35	1.21	5.7	437.2	0.06	21	0.63	9.32	15.1	4.4	21.55	1.0	1.2	0.77	2.0	2.82	0.22	214	51	5.42	18.1	0.086	0.03	0.9	3.7	105	0.023
105A02	1237	9	506628	6652120		Q	0.07	0.35	2.1	945.4	<0.02	<20	0.16	31.90	5.5	0.7	4.61	0.2	1.5	0.18	<0.5	0.41	0.34	104	19	1.49	4.1	0.016	<0.01	0.3	1.1	17	0.008
105A02	1238	9	503605	6658141		Q	0.97	0.53	68.5	360.0	0.31	<20	0.37	5.37	17.3	11.9	16.15	2.6	0.6	14.62	9.3	12.92	0.57	625	52	1.45	25.2	0.136	0.10	2.9	1.2	128	0.015
105A02	1239	9	507414	6667349		Q	0.50	0.86	14.0	371.0	0.08	<20	0.55	1.82	17.2	3.7	18.93	1.1	0.6	1.26	3.5	3.32	0.16	182	86	3.78	16.3	0.115	0.03	1.3	2.8	206	0.025
105A02	1240	9	508958	6663664		Q	0.62	0.91	39.2	256.8	0.07	<20	0.43	12.39	18.9	6.7	31.80	1.6	2.7	6.41	4.5	5.25	0.38	1332	70	6.25	32.8	0.072	0.06	2.3	5.1	217	0.017
105A02	1242	9	511773	6660261	1	Q	0.63	0.23	1.6	154.4	0.07	<20	1.42	0.57	28.3	5.3	25.58	1.6	<0.2	0.36	6.2	3.74	0.10	112	61	2.94	23.2	0.128	0.04	0.5	0.8	408	0.018
105A02	1243	9	511773	6660261	2	Q	0.62	0.29	1.4	153.4	0.09	<20	1.47	0.57	39.4	5.9	29.56	1.6	0.8	0.38	7.4	5.02	0.11	125	77	3.68	28.7	0.105	0.05	0.6	0.9	621	0.019

MAP	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	REP	GEOL UNIT	Sr ppm 0.5 ICPMS	S % 0.02 ICPMS	Te ppm 0.02 ICPMS	Tl ppm 0.02 ICPMS	Th ppm 0.1 ICPMS	Ti % 0.001 ICPMS	W ppm 0.1 ICPMS	U ppm 0.1 ICPMS	V ppm 2 ICPMS	Zn ppm 0.1 ICPMS	Be ppm 0.1 ICPMS	Ce ppm 0.1 ICPMS	Cs ppm 0.02 ICPMS	Ge ppm 0.1 ICPMS	Hf ppm 0.02 ICPMS	In ppm 0.02 ICPMS	Li ppm 0.1 ICPMS	Nb ppm 0.02 ICPMS	Re ppb 1 ICPMS	Rb ppm 0.1 ICPMS	Ta ppm 0.05 ICPMS	Sn ppm 0.1 ICPMS	Y ppm 0.01 ICPMS	Zr ppm 0.1 ICPMS	Pd ppb 10 ICPMS	Pt ppb 2 ICPMS
105A04	1226	9	450594	6653691		lCR	49.9	0.62	<0.02	0.08	0.5	0.019	0.2	6.5	13	155.2	<0.1	8.1	0.38	<0.1	0.12	<0.02	2.2	0.61	5	3.3	<0.05	0.2	4.14	6.1	<10	<2
105A04	1227	9	445238	6652298		lCR	56.0	1.18	<0.02	0.17	2.2	0.047	0.4	9.2	39	148.5	0.3	18.5	0.82	<0.1	0.25	<0.02	8.0	1.52	16	8.6	<0.05	0.5	7.86	12.1	<10	<2
105A04	1228	9	454303	6653346		Q	325.2	2.48	<0.02	0.08	1.9	0.014	0.6	2.9	19	99.4	0.1	8.4	0.44	<0.1	0.09	<0.02	8.8	0.53	11	4.8	<0.05	0.1	5.54	4.1	<10	<2
105A04	1229	9	458288	6652467		Q	176.5	1.15	<0.02	0.11	2.1	0.049	0.2	7.2	39	113.1	<0.1	14.2	0.46	0.1	0.25	0.03	5.8	1.65	22	5.9	<0.05	0.2	7.29	12.0	<10	<2
105A04	1230	9	468262	6658869		Q	183.1	1.06	<0.02	0.11	0.5	0.012	0.2	5.4	15	88.5	0.1	4.3	0.47	<0.1	0.04	<0.02	2.8	0.32	6	4.5	<0.05	<0.1	4.75	2.7	<10	2
105A03	1231	9	472334	6657823		Q	40.2	0.69	0.04	0.12	0.5	0.019	0.2	6.6	22	222.4	0.1	8.6	0.57	<0.1	0.05	<0.02	5.7	0.66	4	5.7	<0.05	0.2	3.79	2.2	<10	<2
105A03	1232	9	474510	6655692		Q	307.9	0.62	0.05	0.12	0.2	0.006	0.1	5.9	11	62.5	0.1	2.0	0.20	<0.1	<0.02	<0.02	1.2	0.23	16	1.3	<0.05	<0.1	1.93	1.2	<10	<2
105A03	1233	9	483700	6654880		Q	86.9	0.17	<0.02	0.27	5.6	0.024	<0.1	3.1	46	136.3	0.4	30.4	1.50	<0.1	0.10	0.03	13.3	0.82	7	11.5	<0.05	0.5	12.03	5.0	<10	<2
105A03	1234	9	491389	6653344		Q	59.2	0.10	<0.02	0.25	6.3	0.015	<0.1	1.8	37	142.2	1.1	36.6	1.81	<0.1	0.14	0.03	16.3	0.61	2	12.1	<0.05	0.5	12.18	7.3	<10	3
105A03	1235	9	497995	6654232		Q	233.3	1.05	0.04	0.07	0.6	0.014	0.4	8.2	11	79.8	0.2	5.6	0.33	<0.1	0.04	<0.02	3.3	0.44	13	3.3	<0.05	<0.1	2.51	1.7	<10	<2
105A02	1236	9	501803	6653058		Q	151.7	0.90	0.04	0.08	0.4	0.010	0.2	5.8	15	133.7	0.1	4.0	0.26	<0.1	0.08	<0.02	2.0	0.46	6	2.4	<0.05	<0.1	2.42	2.9	<10	3
105A02	1237	9	506628	6652120		Q	341.4	0.40	0.04	<0.02	<0.1	0.002	<0.1	2.0	3	24.7	<0.1	0.6	0.04	<0.1	<0.02	<0.02	0.4	0.08	2	0.5	<0.05	<0.1	0.73	0.3	<10	3
105A02	1238	9	503605	6658141		Q	120.7	0.22	<0.02	0.13	5.2	0.016	0.3	2.9	21	78.1	0.3	18.1	1.30	<0.1	0.06	<0.02	13.9	0.57	1	9.9	<0.05	0.4	6.61	2.9	<10	<2
105A02	1239	9	507414	6667349		Q	62.8	0.68	<0.02	0.06	0.8	0.012	0.2	5.9	10	138.9	0.4	6.4	0.19	<0.1	0.10	<0.02	1.5	0.48	12	1.9	<0.05	<0.1	2.58	5.2	<10	<2
105A02	1240	9	508958	6663664		Q	213.4	1.70	0.05	0.08	1.8	0.013	0.3	3.1	16	81.4	0.5	8.9	0.51	<0.1	0.07	<0.02	4.8	0.49	9	5.2	<0.05	0.1	5.66	3.3	<10	<2
105A02	1242	9	511773	6660261	1	Q	32.1	0.21	0.03	0.04	<0.1	0.011	<0.1	0.5	11	288.3	<0.1	11.8	0.34	0.1	<0.02	<0.02	2.9	0.64	<1	3.4	<0.05	0.1	4.65	1.0	<10	<2
105A02	1243	9	511773	6660261	2	Q	30.8	0.24	<0.02	0.05	<0.1	0.012	0.1	0.6	15	306.0	0.1	13.9	0.41	<0.1	<0.02	<0.02	4.4	0.72	<1	4.3	<0.05	0.1	5.62	1.0	<10	<2

Regional Lake Sediment Geochemical Data,

Watson Lake Area, Yukon

(NTS 105A)

*** APPENDIX B - SUMMARY STATISTICS ***

Notes:

- Calculations ignore missing values and analytical results from the second (REP=20) of paired field duplicate samples.
- New ICPMS results reported by the lab at less than detection limit have been set to the detection limit.
- Histograms not calculated for variables with less than 15 samples above the detection level.
- Geological sub-divisions were acquired from Gordey and Makepeace (1999).

Summary Statistics

	STREAM SEDIMENT																	
Variable	Al	Sb	As	Ba	Bi	B	Cd	Ca	Cr	Co	Cu	Ga	Au	Fe	La	Pb	Mg	Mn
Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb	%	ppm	ppm	%	ppm
D.L.	0.01	0.02	0.1	0.5	0.02	20	0.01	0.01	0.5	0.1	0.01	0.1	0.2	0.01	0.5	0.01	0.01	1
Anal Mth	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS
N	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204
N > DL	204	204	203	204	186	1	204	204	204	204	204	204	163	204	197	204	204	204
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.74	0.67	29.22	348.49	0.18	20.0	0.95	5.66	24.46	7.07	27.23	1.79	1.53	3.42	7.59	7.07	0.27	1160.5
Median	0.67	0.47	7.90	276.80	0.10	20.0	0.81	1.40	21.20	6.10	24.58	1.60	1.10	1.76	5.30	4.81	0.23	308.0
Mode	0.35	0.30	1.50	193.80	0.02	20.0	0.60	0.88	20.40	6.70	3.63	1.20	0.20	0.20	0.50	0.60	0.16	151.0
Range	2.00	3.92	1099.0	1475.0	1.72	1	5.88	35.50	173.2	48.7	86.50	5.9	15.6	23.81	64.1	59.32	0.88	9966
St Dev	0.46	0.58	96.12	264.61	0.22	0.07	0.77	7.97	19.01	5.59	16.37	1.10	1.77	4.14	8.18	7.88	0.17	2091.47
Coef Var	0.627	0.866	3.290	0.759	1.260	0.003	0.807	1.409	0.777	0.791	0.601	0.617	1.155	1.209	1.077	1.114	0.608	1.802
Log Mean	-0.243	-0.291	0.888	2.441	-0.959	1.301	-0.149	0.365	1.292	0.727	1.343	0.166	-0.021	0.217	0.685	0.649	-0.635	2.603
Geo Mean	0.57	0.51	7.72	275.81	0.11	20.0	0.71	2.32	19.60	5.34	22.03	1.47	0.95	1.65	4.84	4.45	0.23	400.9
Log StDv	0.347	0.318	0.674	0.295	0.415	0.001	0.354	0.569	0.305	0.360	0.317	0.290	0.440	0.564	0.434	0.437	0.248	0.606
Log CVar	-1.435	-1.094	0.759	0.121	-0.433	0.001	-2.373	1.559	0.236	0.495	0.236	1.759	-20.937	2.600	0.633	0.675	-0.391	0.233
Percntls																		
Minimum	0.03	0.07	0.1	51.5	0.02	20	0.06	0.18	0.7	0.3	1.31	0.2	0.2	0.05	0.5	0.21	0.05	34
10th	0.19	0.21	1.1	114.5	0.03	20	0.20	0.58	7.8	1.7	7.09	0.6	0.2	0.29	1.0	1.18	0.11	85
20th	0.33	0.30	1.9	154.4	0.05	20	0.37	0.74	12.1	3.1	14.70	0.8	0.2	0.53	2.2	1.90	0.15	124
30th	0.42	0.34	2.9	189.2	0.07	20	0.54	0.96	15.1	4.3	18.62	1.1	0.6	0.77	3.1	2.95	0.17	156
40th	0.52	0.41	4.8	228.8	0.09	20	0.68	1.14	18.9	5.2	21.45	1.3	0.8	1.12	4.1	3.86	0.20	207
50th	0.67	0.47	7.9	276.8	0.10	20	0.81	1.40	21.2	6.1	24.58	1.6	1.1	1.76	5.3	4.81	0.23	308
60th	0.78	0.56	13.0	324.9	0.13	20	0.91	1.83	25.4	7.1	27.88	1.8	1.4	2.16	6.6	5.60	0.26	457
70th	0.91	0.73	16.6	365.4	0.17	20	1.12	5.37	27.3	8.6	32.34	2.1	1.7	3.27	8.6	7.35	0.31	752
80th	1.12	0.96	26.4	453.2	0.23	20	1.30	10.49	31.9	10.3	36.83	2.5	2.1	6.41	10.5	9.87	0.36	1357
85th	1.28	1.11	37.3	590.6	0.29	20	1.53	12.85	34.4	10.8	40.24	3.0	2.5	8.20	11.6	12.92	0.41	2230
90th	1.42	1.34	48.7	720.3	0.39	20	1.69	18.98	39.5	12.3	47.81	3.3	3.2	10.14	16.4	15.81	0.48	3354
95th	1.61	1.75	96.5	943.2	0.55	20	2.12	25.06	46.7	14.1	62.88	4.0	4.1	11.45	22.0	21.33	0.60	6565
98th	1.84	2.18	222.3	1088.4	0.96	20	3.25	29.68	62.6	19.0	69.72	4.7	5.8	14.62	30.0	27.37	0.80	8856
99th	1.88	3.18	327.8	1361.5	1.11	20	3.68	30.59	97.7	25.0	74.47	4.9	7.3	16.92	42.3	35.42	0.86	10000
Maximum	2.03	3.99	1099.1	1526.5	1.74	21	5.94	35.68	173.9	49.0	87.81	6.1	15.8	23.86	64.6	59.53	0.93	10000

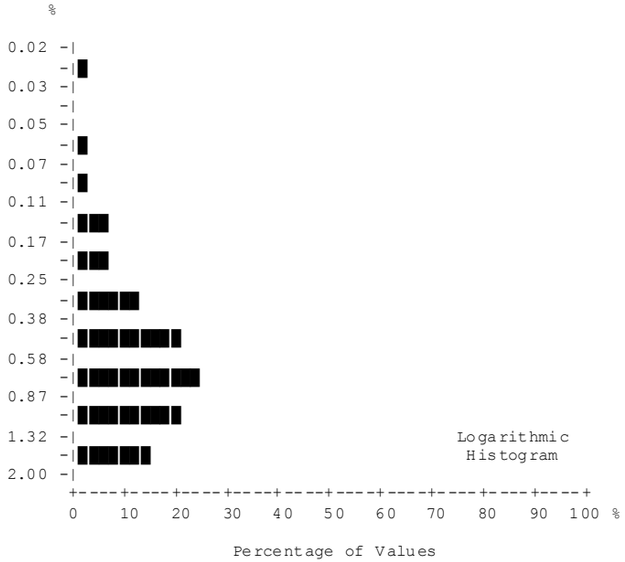
Summary Statistics

	STREAM SEDIMENT																	
Variable	Hg	Mo	Ni	PP	KK	Sc	Se	Ag	Na	Sr	S	Te	Tl	Th	Ti	W	U	V
Units	ppb	ppm	ppm	%	%	ppm	ppm	ppb	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
D.L.	5	0.01	0.1	.001	0.01	0.1	0.1	2	.001	0.5	0.02	0.02	0.02	0.1	.001	0.1	0.1	2
Anal Mth	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS
N	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204
N > DL	201	204	204	204	183	203	204	204	204	204	204	117	185	182	203	103	204	203
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	101.5	3.59	27.76	0.16	0.06	1.94	3.11	264.3	0.02	102.86	0.75	0.05	0.09	1.90	0.01	0.23	4.80	16.8
Median	71.0	2.71	25.20	0.11	0.04	1.60	2.00	175.0	0.02	56.00	0.56	0.03	0.07	0.90	0.01	0.20	3.40	15.0
Mode	47.0	1.06	18.20	0.09	0.03	0.70	1.70	286.0	0.02	23.90	0.36	0.02	0.05	0.10	0.01	0.10	2.90	4.0
Range	702	35.70	337.5	1.697	0.33	8.7	15.7	3995	0.053	460.0	4.92	0.28	0.37	16.9	0.066	2.4	30.9	48
St Dev	96.27	4.01	27.05	0.21	0.05	1.46	2.88	357.10	0.01	98.19	0.69	0.05	0.07	2.56	0.01	0.28	4.13	10.14
Coef Var	0.948	1.118	0.974	1.344	0.877	0.754	0.926	1.351	0.401	0.955	0.911	0.872	0.758	1.351	0.659	1.191	0.860	0.602
Log Mean	1.851	0.430	1.325	-0.973	-1.357	0.160	0.353	2.222	-1.684	1.849	-0.245	-1.408	-1.143	-0.043	-1.959	-0.766	0.555	1.141
Geo Mean	70.9	2.69	21.15	0.11	0.04	1.45	2.26	166.6	0.02	70.71	0.57	0.04	0.07	0.90	0.01	0.17	3.59	13.8
Log StDv	0.386	0.308	0.355	0.354	0.345	0.352	0.344	0.421	0.188	0.363	0.326	0.308	0.308	0.551	0.263	0.289	0.336	0.290
Log CVar	0.208	0.717	0.268	-0.364	-0.254	2.215	0.974	0.190	-0.111	0.196	-1.331	-0.219	-0.270	-12.809	-0.134	-0.377	0.605	0.254
Percntls																		
Minimum	5	0.34	0.7	0.012	0.01	0.1	0.2	10	0.005	20.0	0.03	0.02	0.02	0.1	0.001	0.1	0.3	2
10th	22	1.12	5.8	0.042	0.01	0.5	0.9	46	0.012	27.3	0.23	0.02	0.03	0.1	0.005	0.1	1.3	5
20th	38	1.45	15.0	0.061	0.02	0.7	1.2	81	0.015	33.5	0.33	0.02	0.04	0.3	0.008	0.1	1.9	8
30th	50	1.79	18.3	0.074	0.03	0.9	1.6	118	0.017	39.8	0.38	0.02	0.05	0.5	0.009	0.1	2.5	11
40th	61	2.06	22.2	0.091	0.04	1.2	1.8	137	0.019	47.4	0.47	0.02	0.06	0.6	0.010	0.1	3.1	13
50th	71	2.71	25.2	0.105	0.04	1.6	2.0	175	0.022	56.0	0.56	0.03	0.07	0.9	0.011	0.2	3.4	15
60th	90	3.12	28.2	0.116	0.05	1.8	2.5	211	0.023	65.6	0.67	0.05	0.08	1.2	0.012	0.2	4.4	17
70th	109	3.79	30.7	0.133	0.07	2.4	3.1	254	0.026	117.7	0.81	0.06	0.10	1.9	0.014	0.2	5.4	20
80th	140	4.64	35.2	0.171	0.09	2.9	4.3	321	0.030	176.5	1.03	0.07	0.13	2.7	0.016	0.3	6.6	24
85th	166	5.30	37.4	0.233	0.09	3.3	5.2	407	0.032	210.8	1.16	0.09	0.15	3.4	0.019	0.3	7.3	27
90th	208	6.08	42.6	0.312	0.12	4.0	6.7	583	0.034	258.6	1.36	0.12	0.18	5.5	0.023	0.4	9.2	31
95th	271	8.70	55.2	0.397	0.17	5.0	9.7	826	0.038	325.2	2.00	0.15	0.25	7.2	0.028	0.7	12.9	39
98th	381	12.08	69.5	0.787	0.22	5.5	12.2	1057	0.041	345.7	3.22	0.20	0.29	9.7	0.037	1.4	16.6	44
99th	486	17.45	98.6	1.219	0.26	6.2	14.5	1300	0.049	385.5	3.50	0.20	0.31	12.0	0.049	1.4	20.7	48
Maximum	707	36.04	338.2	1.709	0.34	8.8	15.9	4005	0.058	480.0	4.95	0.30	0.39	17.0	0.067	2.5	31.2	50

Summary Statistics

	STREAM SEDIMENT																
Variable	Zn	Be	Ce	Cs	Ge	Hf	In	Li	Nb	Re	Rb	Ta	Sn	Y	Zr	Pd	Pt
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	ppb
D.L.	0.1	0.1	0.1	0.02	0.1	0.02	0.02	0.1	0.02	1	0.1	0.05	0.1	0.01	0.1	10	2
Anal Mth	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS
N	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204	204
N > DL	204	133	204	204	18	160	19	204	204	163	204	0	103	204	204	9	41
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	122.87	0.37	14.00	0.56	0.11	0.07	0.02	5.90	0.62	7.9	5.76	0.05	0.20	6.23	3.23	10.2	2.3
Median	125.50	0.30	10.00	0.41	0.10	0.06	0.02	4.30	0.53	4.0	4.50	0.05	0.20	4.80	2.60	10.0	2.0
Mode	85.40	0.10	3.60	0.16	0.10	0.02	0.02	1.00	0.52	1.0	1.10	0.05	0.10	5.54	1.70	10.0	2.0
Range	333.7	1.7	100.8	5.08	0.2	0.23	0.03	38.7	2.56	86	42.1	0.00	0.8	31.82	11.9	9	5
St Dev	59.90	0.30	14.04	0.64	0.03	0.05	0.00	5.91	0.41	10.30	5.67	0.00	0.14	5.26	2.41	1.01	0.82
Coef Var	0.487	0.821	1.003	1.136	0.282	0.741	0.217	1.002	0.657	1.302	0.985	0.000	0.700	0.844	0.747	0.990	0.350
Log Mean	2.024	-0.579	0.952	-0.430	-0.973	-1.261	-1.678	0.575	-0.301	0.652	0.585	-1.301	-0.778	0.650	0.371	1.006	0.352
Geo Mean	105.63	0.26	8.96	0.37	0.11	0.05	0.02	3.76	0.50	4.5	3.84	0.05	0.17	4.47	2.35	10.1	2.2
Log StDv	0.268	0.358	0.448	0.398	0.089	0.318	0.070	0.435	0.308	0.461	0.413	0.000	0.249	0.379	0.381	0.033	0.111
Log CVar	0.132	-0.620	0.471	-0.927	-0.092	-0.252	-0.042	0.758	-1.024	0.707	0.707	0.000	-0.321	0.583	1.030	0.033	0.316
Percntls																	
Minimum	6.6	0.1	0.3	0.03	0.1	0.02	0.02	0.3	0.05	1	0.2	0.05	0.1	0.34	0.2	10	2
10th	43.2	0.1	2.0	0.11	0.1	0.02	0.02	1.0	0.19	1	1.1	0.05	0.1	1.38	0.6	10	2
20th	69.1	0.1	4.1	0.18	0.1	0.02	0.02	1.4	0.32	1	1.8	0.05	0.1	2.37	1.2	10	2
30th	88.5	0.1	5.7	0.25	0.1	0.03	0.02	2.3	0.40	3	2.4	0.05	0.1	3.19	1.7	10	2
40th	112.7	0.2	8.4	0.31	0.1	0.05	0.02	3.1	0.49	3	3.3	0.05	0.1	3.98	2.1	10	2
50th	125.5	0.3	10.0	0.41	0.1	0.06	0.02	4.3	0.53	4	4.5	0.05	0.2	4.80	2.6	10	2
60th	134.7	0.4	12.6	0.47	0.1	0.07	0.02	5.4	0.61	6	5.4	0.05	0.2	5.67	3.1	10	2
70th	145.2	0.4	15.7	0.55	0.1	0.08	0.02	6.3	0.73	8	6.5	0.05	0.2	7.01	4.2	10	2
80th	161.1	0.6	19.7	0.74	0.1	0.11	0.02	8.5	0.82	11	8.3	0.05	0.3	8.85	5.1	10	2
85th	173.3	0.7	23.5	0.94	0.1	0.13	0.02	11.6	0.95	14	10.3	0.05	0.3	10.51	5.7	10	3
90th	197.4	0.8	30.4	1.16	0.1	0.14	0.02	14.4	1.11	21	11.8	0.05	0.4	12.68	6.2	10	3
95th	222.4	1.0	39.3	1.50	0.2	0.18	0.03	17.3	1.36	24	13.9	0.05	0.5	16.68	7.7	10	4
98th	267.3	1.1	48.9	2.30	0.2	0.21	0.04	22.9	1.65	37	25.0	0.05	0.6	21.56	10.2	13	5
99th	288.3	1.3	71.5	3.58	0.2	0.25	0.04	25.8	2.31	43	30.1	0.05	0.6	26.24	10.3	15	6
Maximum	340.3	1.8	101.1	5.11	0.3	0.25	0.05	39.0	2.61	87	42.3	0.05	0.9	32.16	12.1	19	7

Summary Statistics



	N	%	Cum%
	1	0.5	0.5
	0	0.0	0.5
	4	2.0	2.5
	3	1.5	3.9
	10	4.9	8.8
	12	5.9	14.7
	22	10.8	25.5
	39	19.1	44.6
	48	23.5	68.1
	38	18.6	86.8
	26	12.7	99.5

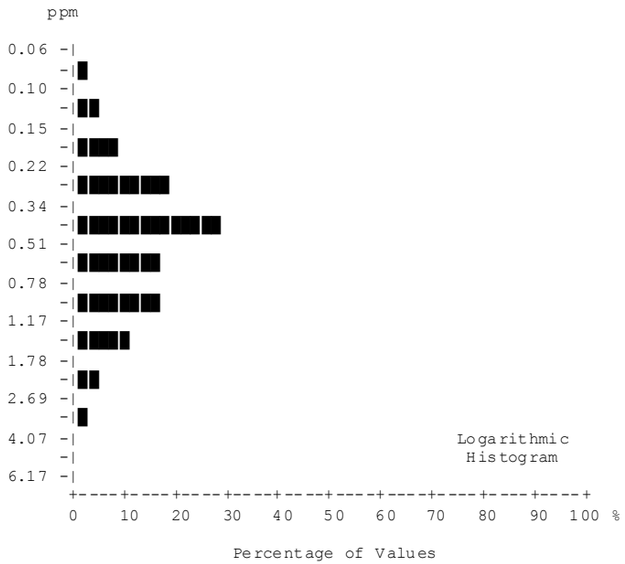
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	0.74	0.68	1.05
Median	0.67	0.58	0.99
Mode	0.35	0.49	1.52
Range	2.00	2.00	1.69
St Dev	0.46	0.44	0.44
Coef Var	0.627	0.643	0.422
Log Mean	-0.243	-0.277	-0.031
Geo Mean	0.57	0.53	0.93
Log StDv	0.347	0.350	0.243
Log CVar	-1.435	-1.268	-8.103
Percntls			
Minimum	0.03	0.03	0.19
10th	0.19	0.16	0.35
20th	0.33	0.30	0.74
30th	0.42	0.40	0.80
40th	0.52	0.48	0.87
50th	0.67	0.58	0.99
60th	0.78	0.74	1.03
70th	0.91	0.86	1.27
80th	1.12	1.07	1.42
85th	1.28	1.24	1.52
90th	1.42	1.34	1.52
95th	1.61	1.49	1.66
98th	1.84	1.66	1.88
99th	1.88	1.83	1.88
Maximum	2.03	2.03	1.88

Aluminum (Al)
Stream Sediment

number of values : 204
units : %
detection limit : 0.01
analytical method : ICPMS

Aluminum by ICP-MS

Summary Statistics



	N	%	Cum%
	2	1.0	1.0
	6	2.9	3.9
	13	6.4	10.3
	37	18.1	28.4
	54	26.5	54.9
	33	16.2	71.1
	31	15.2	86.3
	19	9.3	95.6
	5	2.5	98.0
	4	2.0	100.0

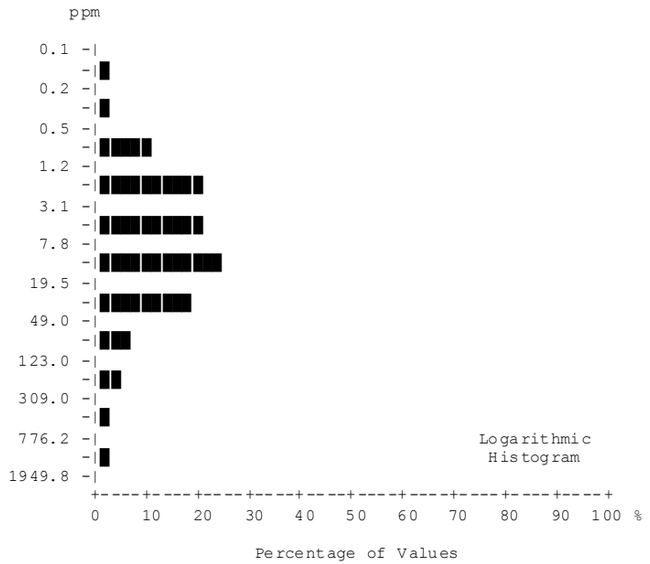
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	0.67	0.58	1.31
Median	0.47	0.45	1.04
Mode	0.30	0.41	0.07
Range	3.92	3.47	3.92
St Dev	0.58	0.46	1.02
Coef Var	0.866	0.794	0.780
Log Mean	-0.291	-0.332	-0.032
Geo Mean	0.51	0.47	0.93
Log StDv	0.318	0.289	0.420
Log CVar	-1.094	-0.871	-13.132
Percntls			
Minimum	0.07	0.08	0.07
10th	0.21	0.21	0.29
20th	0.30	0.28	0.38
30th	0.34	0.33	0.55
40th	0.41	0.37	0.87
50th	0.47	0.45	1.04
60th	0.56	0.51	1.34
70th	0.73	0.64	1.49
80th	0.96	0.86	1.74
85th	1.11	0.93	1.85
90th	1.34	1.11	2.18
95th	1.75	1.30	3.18
98th	2.18	1.76	3.99
99th	3.18	2.00	3.99
Maximum	3.99	3.55	3.99

Antimony (Sb)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.02
analytical method : ICPMS

Antimony by ICP-MS

Summary Statistics



	N	%	Cum%
	1	0.5	0.5
	4	2.0	2.5
	19	9.3	11.8
	39	19.1	30.9
	38	18.6	49.5
	49	24.0	73.5
	34	16.7	90.2
	12	5.9	96.1
	5	2.5	98.5
	2	1.0	99.5
	1	0.5	100.0

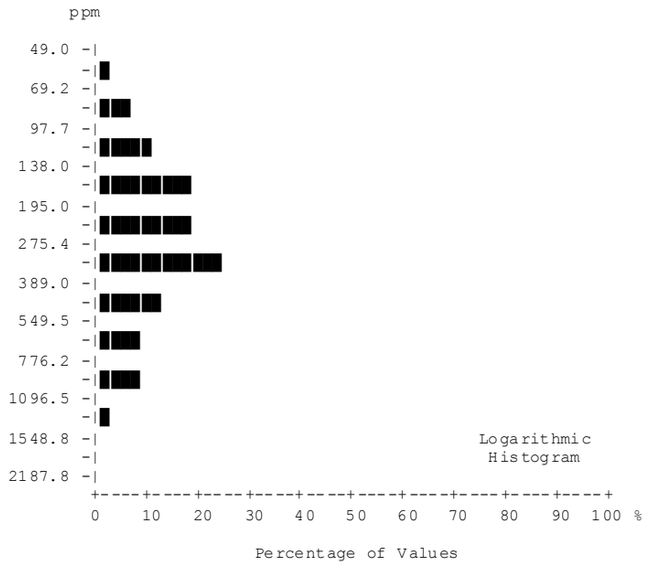
	All	Q	CPA
N	204	177	18
N > DL	203	176	18
Missing	0	0	0
Mean	29.22	29.37	33.37
Median	7.90	7.30	14.50
Mode	1.50	1.50	0.60
Range	1099.0	1099.0	327.2
St Dev	96.12	100.40	75.67
Coef Var	3.290	3.419	2.268
Log Mean	0.888	0.870	0.995
Geo Mean	7.72	7.42	9.89
Log StDv	0.674	0.680	0.695
Log CVar	0.759	0.782	0.698
Percntls			
Minimum	0.1	0.1	0.6
10th	1.1	1.1	1.0
20th	1.9	1.8	1.9
30th	2.9	2.8	3.3
40th	4.8	4.6	9.9
50th	7.9	7.3	14.5
60th	13.0	11.4	16.6
70th	16.6	15.4	18.1
80th	26.4	27.3	18.9
85th	37.3	37.3	21.3
90th	48.7	46.0	45.1
95th	96.5	96.5	74.3
98th	222.3	158.7	327.8
99th	327.8	251.2	327.8
Maximum	1099.1	1099.1	327.8

Arsenic (As)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.1
analytical method : ICPMS

Arsenic by ICP-MS

Summary Statistics



	N	%	Cum%
	3	1.5	1.5
	9	4.4	5.9
	17	8.3	14.2
	36	17.6	31.9
	36	17.6	49.5
	49	24.0	73.5
	22	10.8	84.3
	14	6.9	91.2
	14	6.9	98.0
	4	2.0	100.0

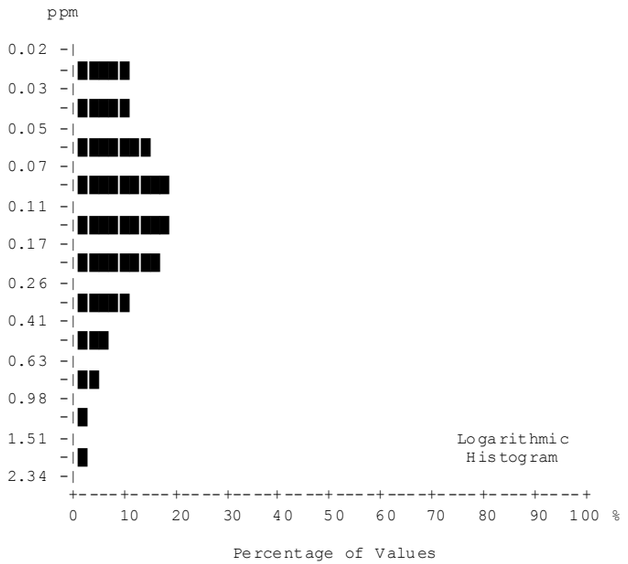
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	348.49	341.56	383.74
Median	276.80	279.70	222.70
Mode	193.80	258.20	88.90
Range	1475.0	1475.0	1362.7
St Dev	264.61	256.13	341.77
Coef Var	0.759	0.750	0.891
Log Mean	2.441	2.434	2.456
Geo Mean	275.81	271.36	286.03
Log StDv	0.295	0.294	0.332
Log CVar	0.121	0.121	0.135
Percntls			
Minimum	51.5	51.5	88.9
10th	114.5	114.5	99.1
20th	154.4	154.1	144.9
30th	189.2	187.1	146.4
40th	228.8	228.8	202.2
50th	276.8	279.7	222.7
60th	324.9	324.9	299.1
70th	365.4	364.5	462.2
80th	453.2	435.3	487.4
85th	590.6	542.0	545.8
90th	720.3	691.0	734.4
95th	943.2	927.5	826.1
98th	1088.4	1004.7	1451.6
99th	1361.5	1126.4	1451.6
Maximum	1526.5	1526.5	1451.6

Barium (Ba)
Stream Sediment

number of values	: 204
units	: ppm
detection limit	: 0.5
analytical method	: ICPMS

Barium by ICP-MS

Summary Statistics



	N	%	Cum%
0.02	18	8.8	8.8
0.03	19	9.3	18.1
0.05	28	13.7	31.9
0.07	37	18.1	50.0
0.11	36	17.6	67.6
0.17	31	15.2	82.8
0.26	17	8.3	91.2
0.41	9	4.4	95.6
0.63	5	2.5	98.0
0.98	3	1.5	99.5
1.51	1	0.5	100.0
2.34			

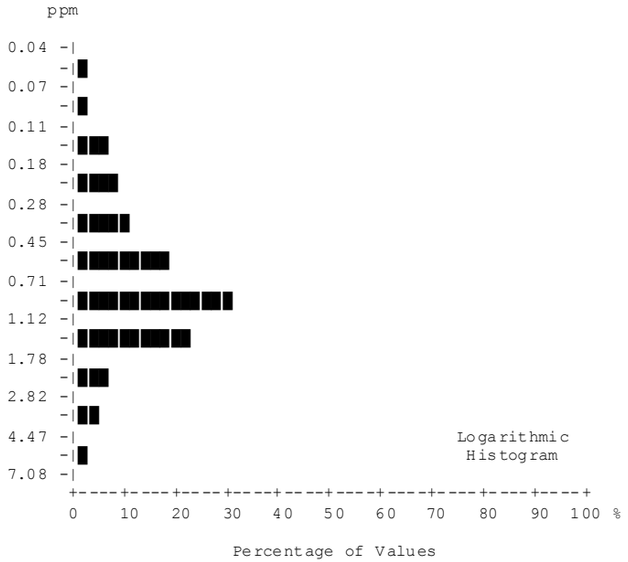
	All	Q	CPA
N	204	177	18
N > DL	186	160	17
Missing	0	0	0
Mean	0.18	0.15	0.35
Median	0.10	0.10	0.15
Mode	0.02	0.02	0.10
Range	1.72	1.24	1.09
St Dev	0.22	0.16	0.35
Coef Var	1.260	1.102	0.990
Log Mean	-0.959	-1.010	-0.673
Geo Mean	0.11	0.10	0.21
Log StDv	0.415	0.386	0.475
Log CVar	-0.433	-0.382	-0.705
Percntls			
Minimum	0.02	0.02	0.02
10th	0.03	0.03	0.07
20th	0.05	0.04	0.09
30th	0.07	0.07	0.10
40th	0.09	0.09	0.12
50th	0.10	0.10	0.15
60th	0.13	0.12	0.35
70th	0.17	0.16	0.39
80th	0.23	0.19	0.43
85th	0.29	0.23	0.64
90th	0.39	0.29	0.96
95th	0.55	0.44	0.98
98th	0.96	0.55	1.11
99th	1.11	0.81	1.11
Maximum	1.74	1.26	1.11

Bismuth (Bi)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.02
analytical method : ICPMS

Bismuth by ICP-MS

Summary Statistics



	N	%	Cum%
	1	0.5	0.5
	4	2.0	2.5
	11	5.4	7.8
	14	6.9	14.7
	19	9.3	24.0
	36	17.6	41.7
	59	28.9	70.6
	42	20.6	91.2
	10	4.9	96.1
	7	3.4	99.5
	1	0.5	100.0

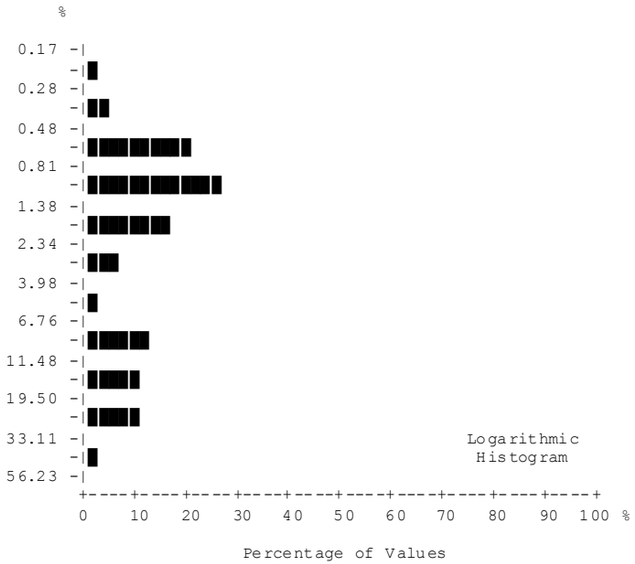
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	0.95	0.92	1.18
Median	0.81	0.75	1.11
Mode	0.60	0.60	0.17
Range	5.88	5.88	2.82
St Dev	0.77	0.79	0.58
Coef Var	0.807	0.866	0.496
Log Mean	-0.149	-0.175	0.014
Geo Mean	0.71	0.67	1.03
Log StDv	0.354	0.364	0.254
Log CVar	-2.373	-2.090	18.178
Percntls			
Minimum	0.06	0.06	0.17
10th	0.20	0.20	0.54
20th	0.37	0.34	0.75
30th	0.54	0.50	0.88
40th	0.68	0.61	1.03
50th	0.81	0.75	1.11
60th	0.91	0.87	1.21
70th	1.12	1.01	1.30
80th	1.30	1.24	1.40
85th	1.53	1.51	1.53
90th	1.69	1.72	1.55
95th	2.12	2.12	1.56
98th	3.25	3.25	2.99
99th	3.68	3.68	2.99
Maximum	5.94	5.94	2.99

Cadmium (Cd)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.01
analytical method : ICPMS

Cadmium by ICP-MS

Summary Statistics



	N	%	Cum%
	1	0.5	0.5
	7	3.4	3.9
	41	20.1	24.0
	50	24.5	48.5
	30	14.7	63.2
	11	5.4	68.6
	4	2.0	70.6
	22	10.8	81.4
	20	9.8	91.2
	17	8.3	99.5
	1	0.5	100.0

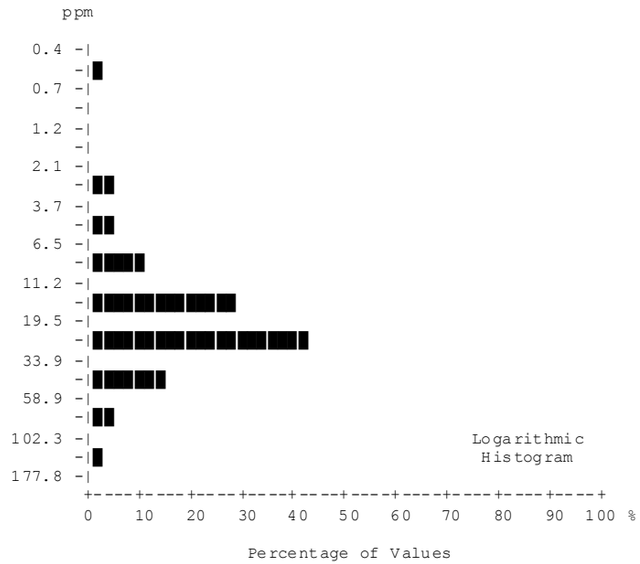
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	5.66	6.12	3.37
Median	1.40	1.44	1.24
Mode	0.88	0.88	1.00
Range	35.50	35.35	23.43
St Dev	7.97	8.27	5.63
Coef Var	1.409	1.351	1.669
Log Mean	0.365	0.400	0.230
Geo Mean	2.32	2.51	1.70
Log StDv	0.569	0.580	0.459
Log CVar	1.559	1.449	1.995
Percntls			
Minimum	0.18	0.33	0.42
10th	0.58	0.60	0.51
20th	0.74	0.75	0.79
30th	0.96	0.99	1.00
40th	1.14	1.14	1.05
50th	1.40	1.44	1.24
60th	1.83	2.25	1.42
70th	5.37	7.97	1.83
80th	10.49	11.92	2.93
85th	12.85	13.26	3.28
90th	18.98	19.30	8.30
95th	25.06	25.92	8.32
98th	29.68	29.68	23.85
99th	30.59	30.59	23.85
Maximum	35.68	35.68	23.85

Calcium (Ca)
Stream Sediment

number of values : 204
units : %
detection limit : 0.01
analytical method : ICPMS

Calcium by ICP-MS

Summary Statistics



	N	%	Cum%
	1	0.5	0.5
	0	0.0	0.5
	0	0.0	0.5
	5	2.5	2.9
	8	3.9	6.9
	17	8.3	15.2
	56	27.5	42.6
	83	40.7	83.3
	27	13.2	96.6
	5	2.5	99.0
	2	1.0	100.0

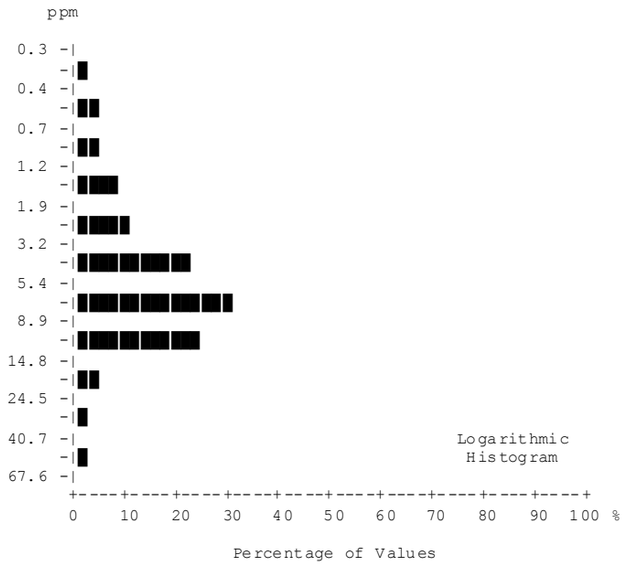
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	24.46	22.11	32.36
Median	21.20	20.20	28.50
Mode	20.40	20.40	2.90
Range	173.2	132.4	59.7
St Dev	19.01	14.89	13.78
Coef Var	0.777	0.673	0.426
Log Mean	1.292	1.260	1.451
Geo Mean	19.60	18.20	28.23
Log StDv	0.305	0.293	0.285
Log CVar	0.236	0.232	0.196
Percntls			
Minimum	0.7	0.7	2.9
10th	7.8	7.4	17.8
20th	12.1	11.5	23.7
30th	15.1	14.6	23.9
40th	18.9	17.2	26.2
50th	21.2	20.2	28.5
60th	25.4	22.9	32.8
70th	27.3	25.9	39.7
80th	31.9	30.1	41.1
85th	34.4	32.2	43.9
90th	39.5	35.3	46.4
95th	46.7	40.4	52.0
98th	62.6	51.9	62.6
99th	97.7	62.6	62.6
Maximum	173.9	133.1	62.6

Chromium (Cr)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.5
analytical method : ICPMS

Chromium by ICP-MS

Summary Statistics



	N	%	Cum%
	2	1.0	1.0
	5	2.5	3.4
	5	2.5	5.9
	14	6.9	12.7
	18	8.8	21.6
	42	20.6	42.2
	61	29.9	72.1
	47	23.0	95.1
	7	3.4	98.5
	2	1.0	99.5
	1	0.5	100.0

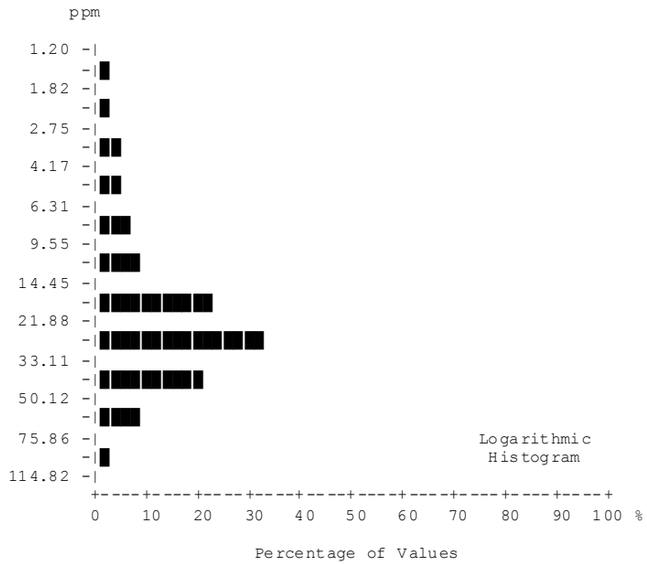
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	7.07	6.52	10.32
Median	6.10	5.60	9.10
Mode	6.70	2.30	6.60
Range	48.7	48.7	18.1
St Dev	5.59	5.35	5.60
Coef Var	0.791	0.821	0.543
Log Mean	0.727	0.693	0.932
Geo Mean	5.34	4.94	8.56
Log StDv	0.360	0.357	0.308
Log CVar	0.495	0.516	0.331
Percntls			
Minimum	0.3	0.3	1.2
10th	1.7	1.5	2.9
20th	3.1	2.7	6.0
30th	4.3	4.2	6.6
40th	5.2	4.9	6.7
50th	6.1	5.6	9.1
60th	7.1	6.7	11.7
70th	8.6	7.9	12.3
80th	10.3	9.4	13.4
85th	10.8	10.3	17.6
90th	12.3	10.8	18.9
95th	14.1	12.4	19.0
98th	19.0	13.3	19.3
99th	25.0	17.8	19.3
Maximum	49.0	49.0	19.3

Cobalt (Co)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.1
analytical method : ICPMS

Cobalt by ICP-MS

Summary Statistics



	N	%	Cum%
	2	1.0	1.0
	1	0.5	1.5
	5	2.5	3.9
	6	2.9	6.9
	10	4.9	11.8
	15	7.4	19.1
	45	22.1	41.2
	62	30.4	71.6
	41	20.1	91.7
	15	7.4	99.0
	2	1.0	100.0

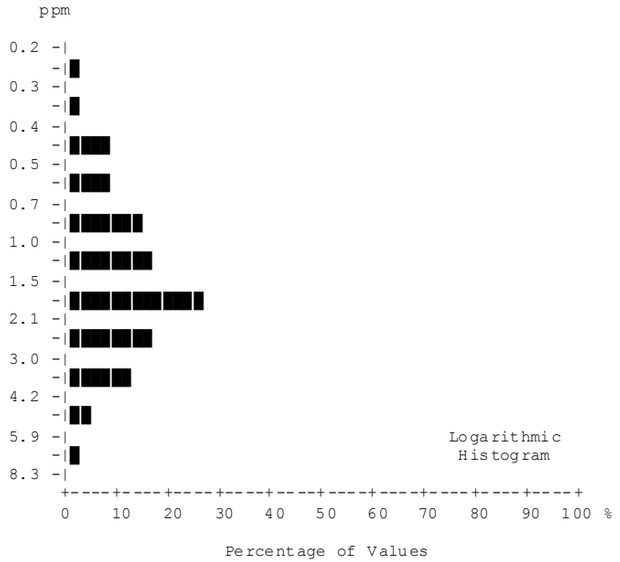
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	27.23	24.56	43.99
Median	24.58	22.81	41.26
Mode	3.63	3.63	6.77
Range	86.50	86.50	80.21
St Dev	16.37	14.47	18.73
Coef Var	0.601	0.589	0.426
Log Mean	1.343	1.302	1.593
Geo Mean	22.03	20.06	39.18
Log StDv	0.317	0.310	0.244
Log CVar	0.236	0.238	0.153
Percntls			
Minimum	1.31	1.31	6.77
10th	7.09	7.02	20.42
20th	14.70	12.17	31.51
30th	18.62	17.31	32.52
40th	21.45	20.69	35.04
50th	24.58	22.81	41.26
60th	27.88	25.59	44.43
70th	32.34	29.58	50.29
80th	36.83	33.60	59.26
85th	40.24	36.17	62.57
90th	47.81	39.52	62.88
95th	62.88	47.81	64.79
98th	69.72	69.00	86.98
99th	74.47	73.05	86.98
Maximum	87.81	87.81	86.98

Copper (Cu)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.01
analytical method : ICPMS

Copper by ICP-MS

Summary Statistics



	N	%	Cum%
	2	1.0	1.0
	3	1.5	2.5
	13	6.4	8.8
	14	6.9	15.7
	27	13.2	28.9
	31	15.2	44.1
	50	24.5	68.6
	31	15.2	83.8
	24	11.8	95.6
	8	3.9	99.5
	1	0.5	100.0

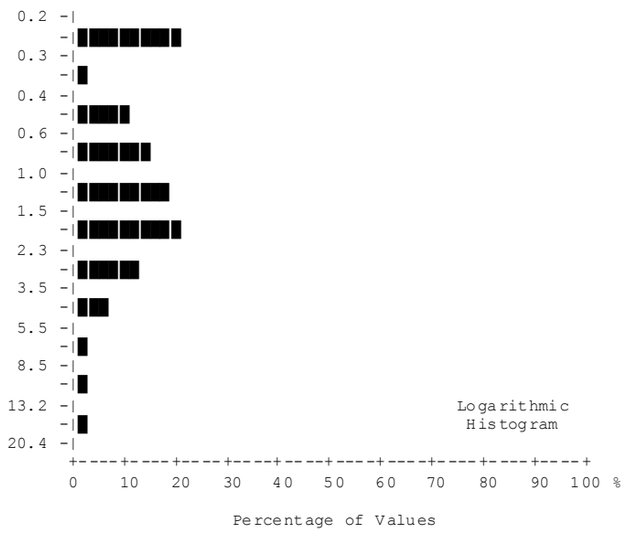
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	1.79	1.66	2.68
Median	1.60	1.50	2.00
Mode	1.20	1.20	1.80
Range	5.9	4.7	5.7
St Dev	1.10	0.99	1.53
Coef Var	0.617	0.599	0.573
Log Mean	0.166	0.136	0.352
Geo Mean	1.47	1.37	2.25
Log StDv	0.290	0.284	0.285
Log CVar	1.759	2.091	0.813
Percntls			
Minimum	0.2	0.2	0.4
10th	0.6	0.6	0.9
20th	0.8	0.8	1.6
30th	1.1	1.0	1.7
40th	1.3	1.2	1.8
50th	1.6	1.5	2.0
60th	1.8	1.7	2.4
70th	2.1	2.0	3.2
80th	2.5	2.4	3.8
85th	3.0	2.6	4.0
90th	3.3	3.2	4.4
95th	4.0	3.5	5.4
98th	4.7	4.2	6.1
99th	4.9	4.7	6.1
Maximum	6.1	4.9	6.1

Gallium (Ga)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.1
analytical method : ICPMS

Gallium by ICP-MS

Summary Statistics



	N	%	Cum%
0.2 – 0.3	41	20.1	20.1
0.3 – 0.4	4	2.0	22.1
0.4 – 0.6	18	8.8	30.9
0.6 – 1.0	27	13.2	44.1
1.0 – 1.5	37	18.1	62.3
1.5 – 2.3	40	19.6	81.9
2.3 – 3.5	21	10.3	92.2
3.5 – 5.5	11	5.4	97.5
5.5 – 8.5	3	1.5	99.0
8.5 – 13.2	1	0.5	99.5
13.2 – 20.4	1	0.5	100.0

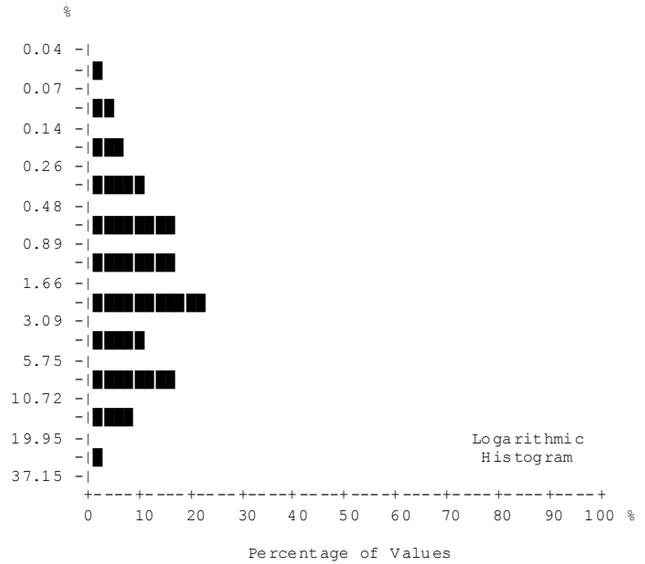
	All	Q	CPA
N	204	177	18
N > DL	163	139	16
Missing	0	0	0
Mean	1.53	1.37	2.72
Median	1.10	1.00	2.10
Mode	0.20	0.20	0.20
Range	15.6	15.6	6.4
St Dev	1.77	1.72	1.85
Coef Var	1.155	1.254	0.682
Log Mean	-0.021	-0.064	0.282
Geo Mean	0.95	0.86	1.91
Log StDv	0.440	0.426	0.445
Log CVar	-20.937	-6.762	1.577
Percntls			
Minimum	0.2	0.2	0.2
10th	0.2	0.2	0.2
20th	0.2	0.2	1.1
30th	0.6	0.6	1.1
40th	0.8	0.8	1.9
50th	1.1	1.0	2.1
60th	1.4	1.3	3.2
70th	1.7	1.5	3.9
80th	2.1	1.9	4.1
85th	2.5	2.1	4.6
90th	3.2	2.6	4.6
95th	4.1	3.4	5.2
98th	5.8	4.6	6.6
99th	7.3	7.3	6.6
Maximum	15.8	15.8	6.6

Gold (Au)
Stream Sediment

number of values : 204
units : ppb
detection limit : 0.2
analytical method : ICPMS

Gold by ICP-MS

Summary Statistics



	N	%	Cum%
	1	0.5	0.5
	5	2.5	2.9
	11	5.4	8.3
	18	8.8	17.2
	30	14.7	31.9
	33	16.2	48.0
	42	20.6	68.6
	19	9.3	77.9
	30	14.7	92.6
	14	6.9	99.5
	1	0.5	100.0

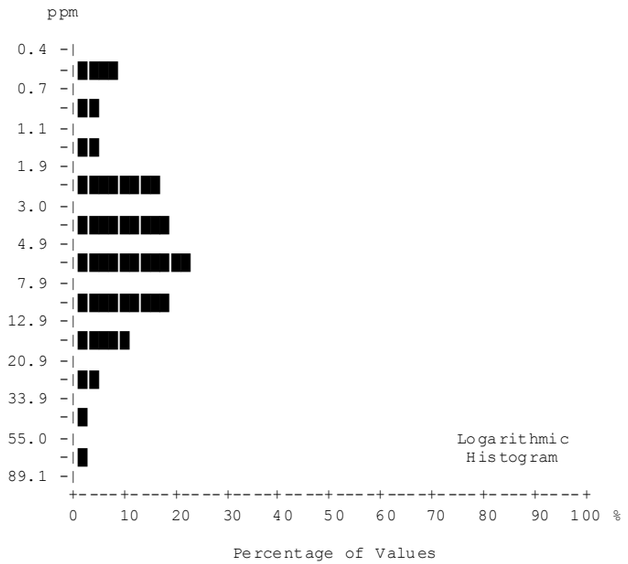
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	3.42	3.57	2.67
Median	1.76	1.75	2.09
Mode	0.20	0.20	0.67
Range	23.81	23.81	6.32
St Dev	4.14	4.37	2.00
Coef Var	1.209	1.225	0.750
Log Mean	0.217	0.211	0.270
Geo Mean	1.65	1.63	1.86
Log StDv	0.564	0.588	0.419
Log CVar	2.600	2.787	1.558
Percntls			
Minimum	0.05	0.05	0.24
10th	0.29	0.27	0.60
20th	0.53	0.48	0.67
30th	0.77	0.76	0.67
40th	1.12	1.09	1.56
50th	1.76	1.75	2.09
60th	2.16	2.09	3.03
70th	3.27	3.22	3.93
80th	6.41	7.25	4.28
85th	8.20	9.14	4.60
90th	10.14	10.27	4.84
95th	11.45	11.76	6.10
98th	14.62	14.62	6.56
99th	16.92	16.92	6.56
Maximum	23.86	23.86	6.56

Iron (Fe)
Stream Sediment

number of values : 204
units : %
detection limit : 0.01
analytical method : ICPMS

Iron by ICP-MS

Summary Statistics



	N	%	Cum%
0.4 – 0.7	13	6.4	6.4
0.7 – 1.1	8	3.9	10.3
1.1 – 1.9	8	3.9	14.2
1.9 – 3.0	30	14.7	28.9
3.0 – 4.9	36	17.6	46.6
4.9 – 7.9	44	21.6	68.1
7.9 – 12.9	37	18.1	86.3
12.9 – 20.9	17	8.3	94.6
20.9 – 33.9	8	3.9	98.5
33.9 – 55.0	2	1.0	99.5
55.0 – 89.1	1	0.5	100.0

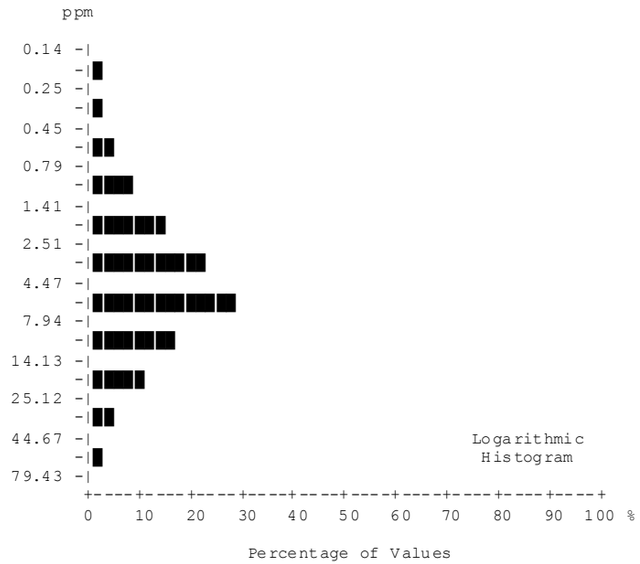
	All	Q	CPA
N	204	177	18
N > DL	197	170	18
Missing	0	0	0
Mean	7.59	6.29	13.42
Median	5.30	4.70	9.50
Mode	0.50	0.50	9.30
Range	64.1	29.5	43.8
St Dev	8.18	5.56	11.17
Coef Var	1.077	0.884	0.832
Log Mean	0.685	0.631	0.978
Geo Mean	4.84	4.28	9.50
Log StDv	0.434	0.412	0.407
Log CVar	0.633	0.653	0.417
Percntls			
Minimum	0.5	0.5	1.0
10th	1.0	1.0	2.0
20th	2.2	2.0	5.6
30th	3.1	2.8	5.7
40th	4.1	3.6	9.3
50th	5.3	4.7	9.5
60th	6.6	6.2	10.0
70th	8.6	7.2	16.4
80th	10.5	9.5	18.6
85th	11.6	11.1	19.5
90th	16.4	12.5	22.0
95th	22.0	18.4	32.8
98th	30.0	20.4	44.8
99th	42.3	25.8	44.8
Maximum	64.6	30.0	44.8

Lanthanum (La)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.5
analytical method : ICPMS

Lanthanum by ICP-MS

Summary Statistics



	N	%	Cum%
	2	1.0	1.0
	2	1.0	2.0
	8	3.9	5.9
	16	7.8	13.7
	25	12.3	26.0
	42	20.6	46.6
	54	26.5	73.0
	29	14.2	87.3
	19	9.3	96.6
	5	2.5	99.0
	2	1.0	100.0

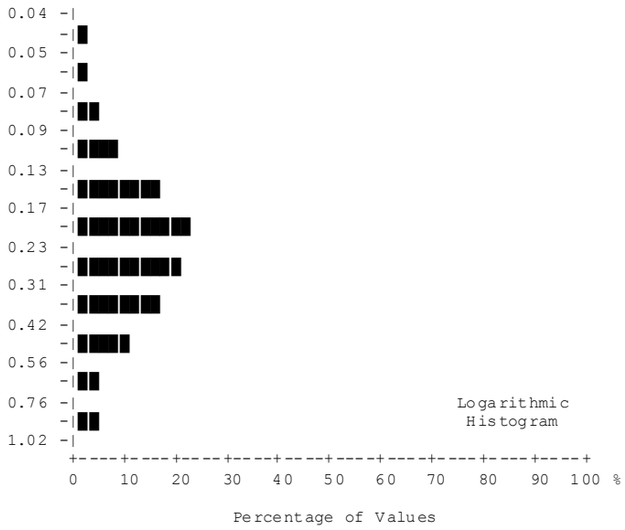
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	7.07	5.76	14.20
Median	4.81	4.41	8.02
Mode	0.60	0.60	1.03
Range	59.32	27.12	52.72
St Dev	7.88	5.21	12.79
Coef Var	1.114	0.906	0.901
Log Mean	0.649	0.590	0.991
Geo Mean	4.45	3.89	9.80
Log StDv	0.437	0.413	0.409
Log CVar	0.675	0.701	0.413
Percntls			
Minimum	0.21	0.21	1.03
10th	1.18	1.17	3.42
20th	1.90	1.66	4.95
30th	2.95	2.61	5.23
40th	3.86	3.52	6.52
50th	4.81	4.41	8.02
60th	5.60	5.28	14.63
70th	7.35	6.32	16.05
80th	9.87	8.17	19.41
85th	12.92	9.40	19.43
90th	15.81	12.92	27.37
95th	21.33	15.87	28.63
98th	27.37	22.68	53.75
99th	35.42	23.58	53.75
Maximum	59.53	27.33	53.75

Lead (Pb)
Stream Sediment

number of values	: 204
units	: ppm
detection limit	: 0.01
analytical method	: ICPMS

Lead by ICP-MS

Summary Statistics



	N	%	Cum%
	3	1.5	1.5
	1	0.5	2.0
	6	2.9	4.9
	16	7.8	12.7
	30	14.7	27.5
	44	21.6	49.0
	41	20.1	69.1
	33	16.2	85.3
	18	8.8	94.1
	7	3.4	97.5
	5	2.5	100.0

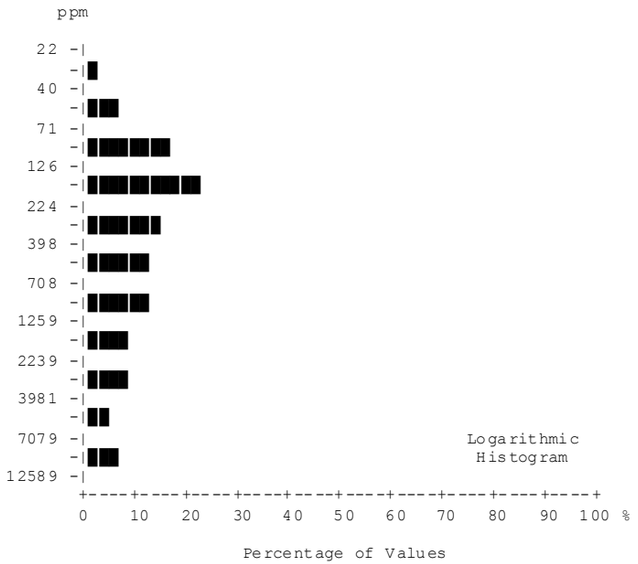
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	0.27	0.25	0.45
Median	0.23	0.22	0.36
Mode	0.16	0.16	0.20
Range	0.88	0.88	0.84
St Dev	0.17	0.14	0.26
Coef Var	0.608	0.543	0.578
Log Mean	-0.635	-0.662	-0.422
Geo Mean	0.23	0.22	0.38
Log StDv	0.248	0.228	0.282
Log CVar	-0.391	-0.346	-0.671
Percntls			
Minimum	0.05	0.05	0.09
10th	0.11	0.11	0.17
20th	0.15	0.14	0.20
30th	0.17	0.17	0.23
40th	0.20	0.20	0.30
50th	0.23	0.22	0.36
60th	0.26	0.24	0.44
70th	0.31	0.29	0.67
80th	0.36	0.34	0.68
85th	0.41	0.36	0.74
90th	0.48	0.41	0.80
95th	0.60	0.48	0.86
98th	0.80	0.57	0.93
99th	0.86	0.65	0.93
Maximum	0.93	0.93	0.93

Magnesium (Mg)
Stream Sediment

number of values : 204
units : %
detection limit : 0.01
analytical method : ICPMS

Magnesium by ICP-MS

Summary Statistics



	N	%	Cum%
	2	1.0	1.0
	12	5.9	6.9
	29	14.2	21.1
	45	22.1	43.1
	27	13.2	56.4
	24	11.8	68.1
	21	10.3	78.4
	14	6.9	85.3
	14	6.9	92.2
	6	2.9	95.1
	10	4.9	100.0

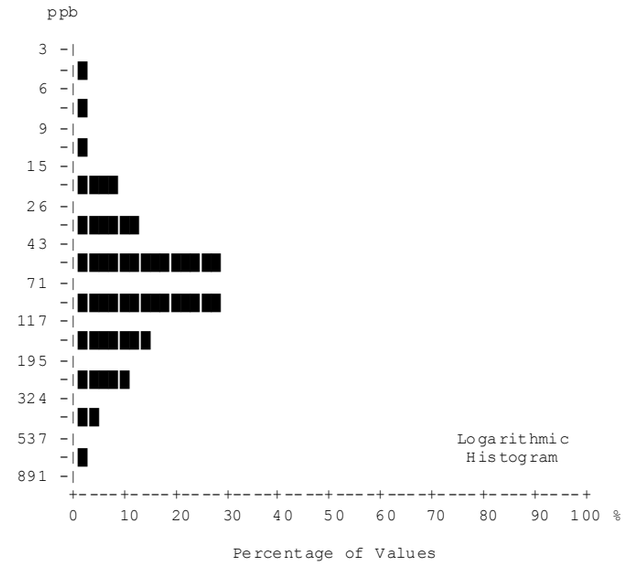
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	1160.5	1160.1	1563.4
Median	308.0	278.0	455.0
Mode	151.0	104.0	151.0
Range	9966	9966	9934
St Dev	2091.47	2068.46	2717.32
Coef Var	1.802	1.783	1.738
Log Mean	2.603	2.596	2.751
Geo Mean	400.9	394.9	563.6
Log StDv	0.606	0.614	0.626
Log CVar	0.233	0.236	0.228
Percntls			
Minimum	34	34	66
10th	85	82	102
20th	124	118	134
30th	156	157	151
40th	207	196	358
50th	308	278	455
60th	457	457	803
70th	752	742	1228
80th	1357	1485	1290
85th	2230	2275	1463
90th	3354	3354	2232
95th	6565	6397	7513
98th	8856	8617	10000
99th	10000	10000	10000
Maximum	10000	10000	10000

Manganese (Mn)
Stream Sediment

number of values : 204
units : ppm
detection limit : 1
analytical method : ICPMS

Manganese by ICP-MS

Summary Statistics



ppb	N	%	Cum%
3	3	1.5	1.5
6	4	2.0	3.4
9	1	0.5	3.9
15	16	7.8	11.8
26	21	10.3	22.1
43	54	26.5	48.5
71	54	26.5	75.0
117	25	12.3	87.3
195	17	8.3	95.6
324	8	3.9	99.5
537	1	0.5	100.0
891			

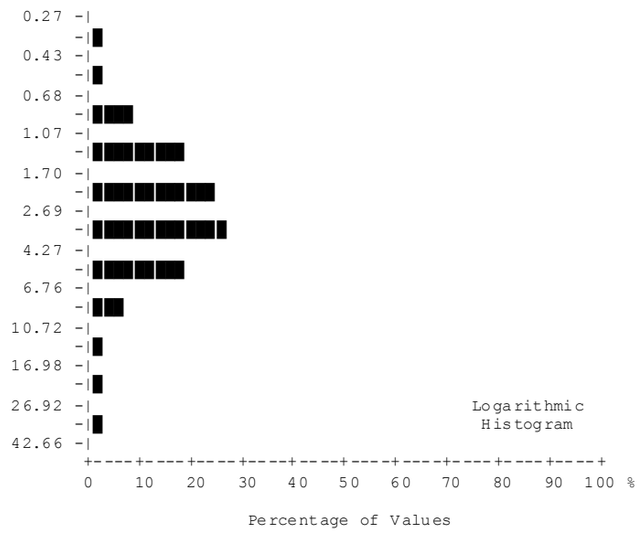
	All	Q	CPA
N	204	177	18
N > DL	201	174	18
Missing	0	0	0
Mean	101.5	87.7	204.5
Median	71.0	67.0	193.0
Mode	47.0	47.0	26.0
Range	702	702	475
St Dev	96.27	84.78	133.46
Coef Var	0.948	0.967	0.653
Log Mean	1.851	1.800	2.194
Geo Mean	70.9	63.0	156.3
Log StDv	0.386	0.369	0.363
Log CVar	0.208	0.205	0.166
Percntls			
Minimum	5	5	26
10th	22	21	38
20th	38	33	73
30th	50	47	101
40th	61	56	124
50th	71	67	193
60th	90	79	198
70th	109	99	296
80th	140	113	324
85th	166	130	338
90th	208	157	340
95th	271	208	358
98th	381	271	501
99th	486	429	501
Maximum	707	707	501

Mercury (Hg)
Stream Sediment

number of values : 204
units : ppb
detection limit : 5
analytical method : ICPMS

Mercury by ICP-MS

Summary Statistics



	N	%	Cum%
	1	0.5	0.5
	1	0.5	1.0
	15	7.4	8.3
	37	18.1	26.5
	47	23.0	49.5
	50	24.5	74.0
	36	17.6	91.7
	11	5.4	97.1
	3	1.5	98.5
	1	0.5	99.0
	2	1.0	100.0

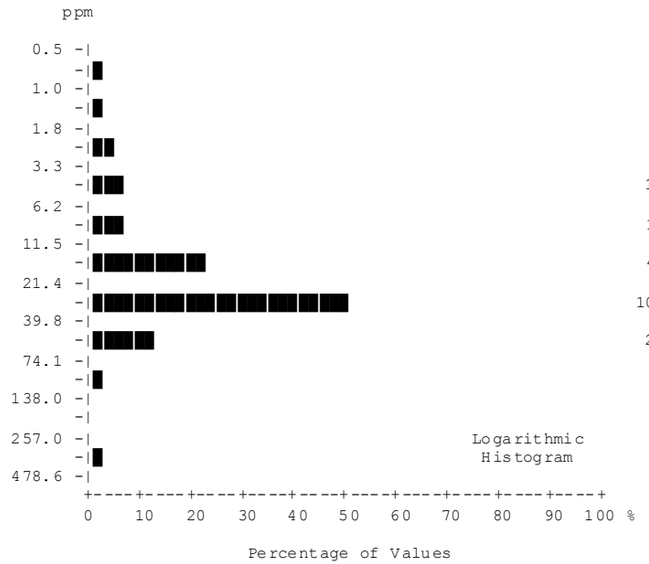
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	3.59	3.38	5.00
Median	2.71	2.50	2.95
Mode	1.06	2.02	1.06
Range	35.70	35.70	34.48
St Dev	4.01	3.43	7.94
Coef Var	1.118	1.015	1.589
Log Mean	0.430	0.415	0.475
Geo Mean	2.69	2.60	2.98
Log StDv	0.308	0.299	0.390
Log CVar	0.717	0.720	0.822
Percntls			
Minimum	0.34	0.34	1.06
10th	1.12	1.09	1.12
20th	1.45	1.44	1.25
30th	1.79	1.76	1.26
40th	2.06	2.02	2.16
50th	2.71	2.50	2.95
60th	3.12	3.11	3.04
70th	3.79	3.78	3.60
80th	4.64	4.63	4.10
85th	5.30	5.12	6.08
90th	6.08	5.69	7.61
95th	8.70	7.93	8.73
98th	12.08	11.00	35.54
99th	17.45	12.33	35.54
Maximum	36.04	36.04	35.54

Molybdenum (Mo)
Stream Sediment

number of values	: 204
units	: ppm
detection limit	: 0.01
analytical method	: ICPMS

Molybdenum by ICP-MS

Summary Statistics



	N	%	Cum%
	1	0.5	0.5
	2	1.0	1.5
	7	3.4	4.9
	10	4.9	9.8
	12	5.9	15.7
	45	22.1	37.7
	102	50.0	87.7
	21	10.3	98.0
	3	1.5	99.5
	0	0.0	99.5
	1	0.5	100.0

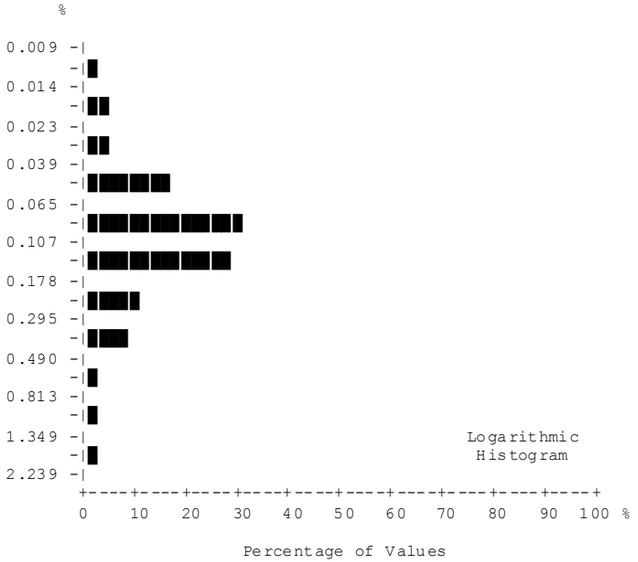
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	27.76	24.18	55.90
Median	25.20	24.50	35.20
Mode	18.20	18.20	5.20
Range	337.5	76.9	333.0
St Dev	27.05	12.86	74.94
Coef Var	0.974	0.532	1.341
Log Mean	1.325	1.290	1.561
Geo Mean	21.15	19.48	36.43
Log StDv	0.355	0.345	0.385
Log CVar	0.268	0.267	0.247
Percntls			
Minimum	0.7	0.7	5.2
10th	5.8	5.3	10.4
20th	15.0	13.9	23.9
30th	18.3	18.1	25.2
40th	22.2	21.2	28.9
50th	25.2	24.5	35.2
60th	28.2	26.7	39.7
70th	30.7	29.7	49.0
80th	35.2	33.0	52.3
85th	37.4	35.3	58.8
90th	42.6	37.6	62.2
95th	55.2	44.2	121.5
98th	69.5	55.2	338.2
99th	98.6	62.1	338.2
Maximum	338.2	77.6	338.2

Nickel (Ni)
Stream Sediment

number of values	: 204
units	: ppm
detection limit	: 0.1
analytical method	: ICPMS

Nickel by ICP-MS

Summary Statistics



	N	%	Cum%
0.009 – 0.014	1	0.5	0.5
0.014 – 0.023	7	3.4	3.9
0.023 – 0.039	8	3.9	7.8
0.039 – 0.065	32	15.7	23.5
0.065 – 0.107	59	28.9	52.5
0.107 – 0.178	57	27.9	80.4
0.178 – 0.295	17	8.3	88.7
0.295 – 0.490	15	7.4	96.1
0.490 – 0.813	4	2.0	98.0
0.813 – 1.349	2	1.0	99.0
1.349 – 2.239	2	1.0	100.0

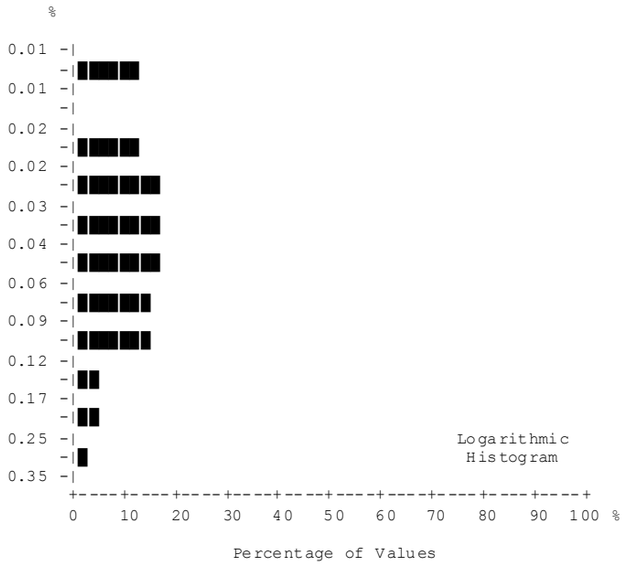
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	0.16	0.17	0.11
Median	0.11	0.11	0.10
Mode	0.09	0.12	0.09
Range	1.697	1.697	0.237
St Dev	0.21	0.23	0.06
Coef Var	1.344	1.366	0.545
Log Mean	-0.973	-0.966	-1.010
Geo Mean	0.11	0.11	0.10
Log StDv	0.354	0.370	0.239
Log CVar	-0.364	-0.384	-0.237
Percntls			
Minimum	0.012	0.012	0.027
10th	0.042	0.043	0.039
20th	0.061	0.059	0.070
30th	0.074	0.073	0.071
40th	0.091	0.089	0.093
50th	0.105	0.107	0.100
60th	0.116	0.119	0.105
70th	0.133	0.134	0.109
80th	0.171	0.198	0.134
85th	0.233	0.236	0.139
90th	0.312	0.322	0.158
95th	0.397	0.450	0.244
98th	0.787	0.787	0.264
99th	1.219	1.219	0.264
Maximum	1.709	1.709	0.264

Phosphorus (P)
Stream Sediment

number of values : 204
units : %
detection limit : 0.001
analytical method : ICPMS

Phosphorus by ICP-MS

Summary Statistics



	N	%	Cum%
	21	10.3	10.3
	0	0.0	10.3
	23	11.3	21.6
	32	15.7	37.3
	29	14.2	51.5
	32	15.7	67.2
	25	12.3	79.4
	25	12.3	91.7
	8	3.9	95.6
	5	2.5	98.0
	4	2.0	100.0

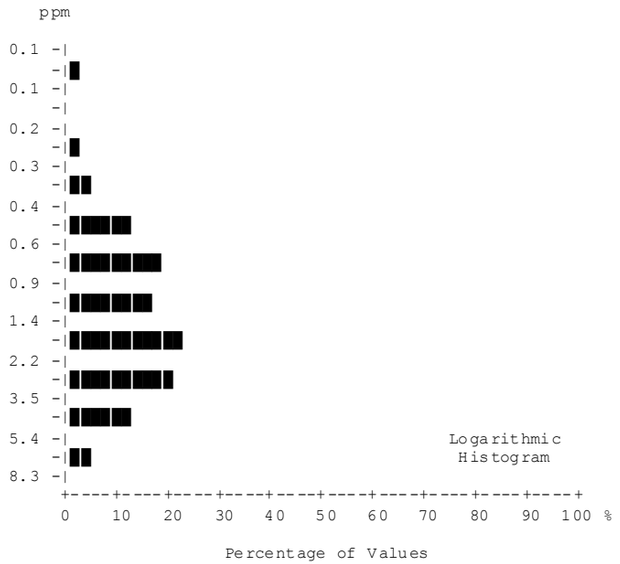
	All	Q	CPA
N	204	177	18
N > DL	183	156	18
Missing	0	0	0
Mean	0.06	0.05	0.10
Median	0.04	0.04	0.09
Mode	0.03	0.03	0.05
Range	0.33	0.33	0.23
St Dev	0.05	0.04	0.07
Coef Var	0.877	0.855	0.638
Log Mean	-1.357	-1.403	-1.082
Geo Mean	0.04	0.04	0.08
Log StDv	0.345	0.329	0.303
Log CVar	-0.254	-0.235	-0.280
Percntls			
Minimum	0.01	0.01	0.02
10th	0.01	0.01	0.03
20th	0.02	0.02	0.05
30th	0.03	0.03	0.05
40th	0.04	0.03	0.06
50th	0.04	0.04	0.09
60th	0.05	0.05	0.10
70th	0.07	0.06	0.13
80th	0.09	0.07	0.15
85th	0.09	0.08	0.17
90th	0.12	0.10	0.18
95th	0.17	0.12	0.20
98th	0.22	0.17	0.25
99th	0.26	0.22	0.25
Maximum	0.34	0.34	0.25

Potassium (K)
Stream Sediment

number of values : 204
units : %
detection limit : 0.01
analytical method : ICPMS

Potassium by ICP-MS

Summary Statistics



	N	%	Cum%
	1	0.5	0.5
	0	0.0	0.5
	3	1.5	2.0
	6	2.9	4.9
	22	10.8	15.7
	34	16.7	32.4
	29	14.2	46.6
	42	20.6	67.2
	38	18.6	85.8
	23	11.3	97.1
	5	2.5	99.5

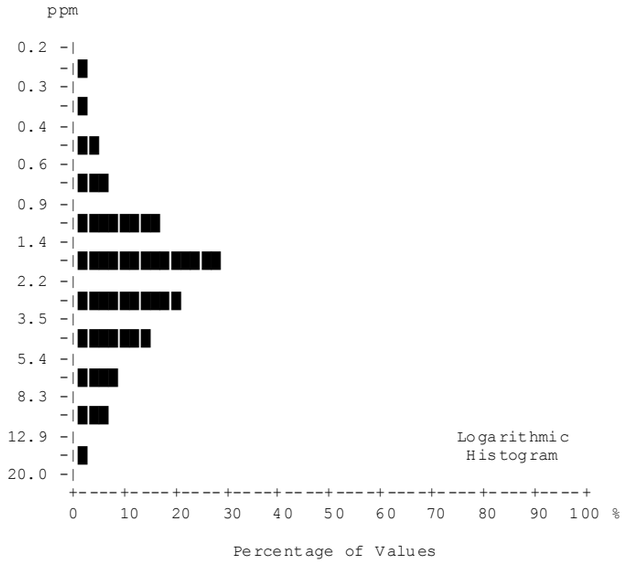
	All	Q	CPA
N	204	177	18
N > DL	203	176	18
Missing	0	0	0
Mean	1.94	1.79	2.71
Median	1.60	1.50	2.90
Mode	0.70	0.70	2.90
Range	8.7	8.7	4.5
St Dev	1.46	1.38	1.53
Coef Var	0.754	0.771	0.564
Log Mean	0.160	0.128	0.330
Geo Mean	1.45	1.34	2.14
Log StDv	0.352	0.346	0.343
Log CVar	2.215	2.726	1.040
Percntls			
Minimum	0.1	0.1	0.5
10th	0.5	0.5	0.6
20th	0.7	0.7	0.8
30th	0.9	0.8	0.9
40th	1.2	1.2	2.1
50th	1.6	1.5	2.9
60th	1.8	1.8	3.3
70th	2.4	2.1	3.9
80th	2.9	2.6	4.0
85th	3.3	2.9	4.0
90th	4.0	3.3	4.2
95th	5.0	4.9	4.5
98th	5.5	5.2	5.0
99th	6.2	5.9	5.0
Maximum	8.8	8.8	5.0

Scandium (Sc)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.1
analytical method : ICPMS

Scandium by ICP-MS

Summary Statistics



	N	%	Cum%
0.2 – 0.3	1	0.5	0.5
0.3 – 0.4	1	0.5	1.0
0.4 – 0.6	8	3.9	4.9
0.6 – 0.9	11	5.4	10.3
0.9 – 1.4	33	16.2	26.5
1.4 – 2.2	57	27.9	54.4
2.2 – 3.5	38	18.6	73.0
3.5 – 5.4	26	12.7	85.8
5.4 – 8.3	14	6.9	92.6
8.3 – 12.9	11	5.4	98.0
12.9 – 20.0	4	2.0	100.0

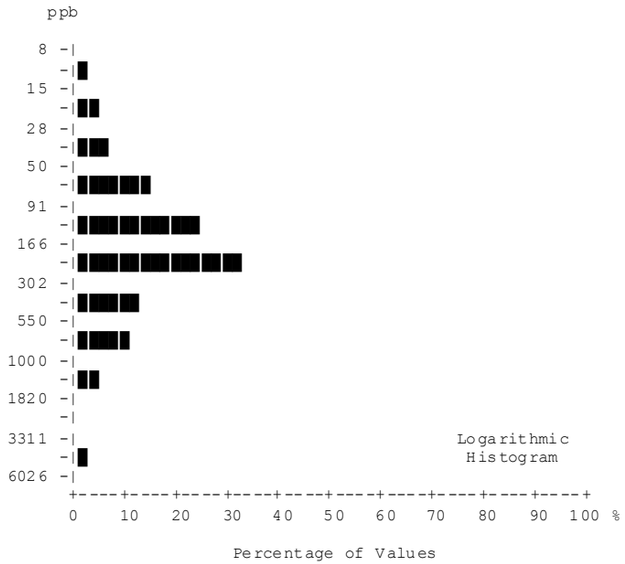
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	3.11	2.91	4.67
Median	2.00	1.90	2.90
Mode	1.70	1.70	0.40
Range	15.7	15.7	14.1
St Dev	2.88	2.73	3.80
Coef Var	0.926	0.937	0.814
Log Mean	0.353	0.329	0.515
Geo Mean	2.26	2.13	3.28
Log StDv	0.344	0.336	0.408
Log CVar	0.974	1.023	0.793
Percntls			
Minimum	0.2	0.2	0.4
10th	0.9	0.9	0.8
20th	1.2	1.2	1.7
30th	1.6	1.5	1.9
40th	1.8	1.7	2.6
50th	2.0	1.9	2.9
60th	2.5	2.3	4.9
70th	3.1	2.8	5.3
80th	4.3	4.0	6.7
85th	5.2	5.0	8.1
90th	6.7	6.1	9.6
95th	9.7	8.9	9.9
98th	12.2	11.4	14.5
99th	14.5	13.3	14.5
Maximum	15.9	15.9	14.5

Selenium (Se)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.1
analytical method : ICPMS

Selenium by ICP-MS

Summary Statistics



ppb	N	%	Cum%
8	3	1.5	1.5
15	6	2.9	4.4
28	12	5.9	10.3
50	27	13.2	23.5
91	48	23.5	47.1
166	62	30.4	77.5
302	23	11.3	88.7
550	17	8.3	97.1
1000	5	2.5	99.5
1820	0	0.0	99.5
3311	1	0.5	100.0
6026			

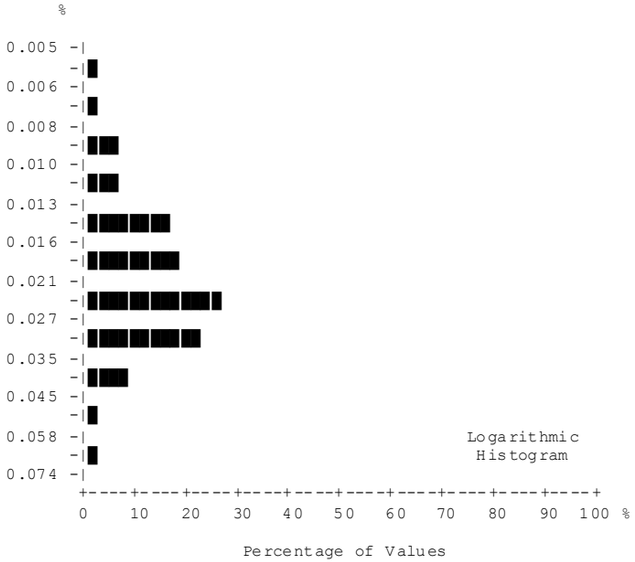
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	264.3	249.9	290.6
Median	175.0	152.0	283.0
Mode	286.0	286.0	283.0
Range	3995	3995	545
St Dev	357.10	368.19	143.24
Coef Var	1.351	1.473	0.493
Log Mean	2.222	2.185	2.400
Geo Mean	166.6	153.3	251.3
Log StDv	0.421	0.426	0.266
Log CVar	0.190	0.195	0.111
Percntls			
Minimum	10	10	44
10th	46	46	125
20th	81	72	163
30th	118	105	178
40th	137	129	216
50th	175	152	283
60th	211	191	290
70th	254	243	355
80th	321	297	399
85th	407	371	434
90th	583	542	464
95th	826	799	496
98th	1057	1002	589
99th	1300	1300	589
Maximum	4005	4005	589

Silver (Ag)
Stream Sediment

number of values : 204
units : ppb
detection limit : 2
analytical method : ICPMS

Silver by ICP-MS

Summary Statistics



	N	%	Cum%
	1	0.5	0.5
	2	1.0	1.5
	10	4.9	6.4
	12	5.9	12.3
	30	14.7	27.0
	37	18.1	45.1
	52	25.5	70.6
	42	20.6	91.2
	15	7.4	98.5
	2	1.0	99.5
	1	0.5	100.0

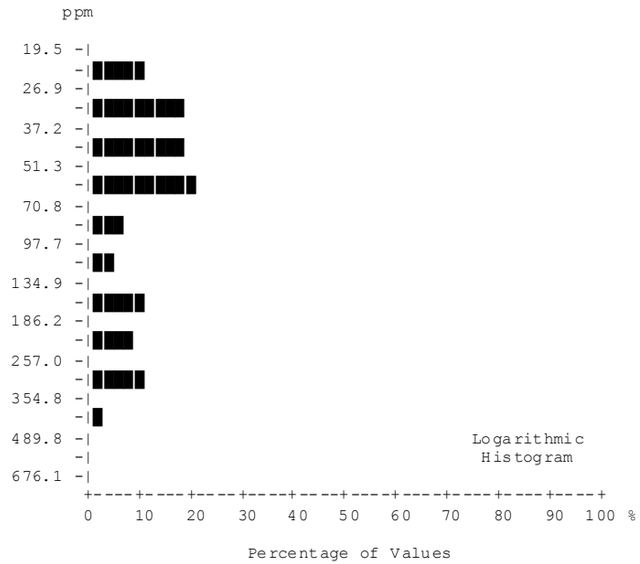
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	0.02	0.02	0.02
Median	0.02	0.02	0.02
Mode	0.02	0.02	0.02
Range	0.053	0.046	0.024
St Dev	0.01	0.01	0.01
Coef Var	0.401	0.393	0.317
Log Mean	-1.684	-1.684	-1.704
Geo Mean	0.02	0.02	0.02
Log StDv	0.188	0.191	0.123
Log CVar	-0.111	-0.113	-0.073
Percntls			
Minimum	0.005	0.005	0.014
10th	0.012	0.010	0.014
20th	0.015	0.015	0.015
30th	0.017	0.017	0.016
40th	0.019	0.020	0.017
50th	0.022	0.022	0.019
60th	0.023	0.024	0.020
70th	0.026	0.027	0.021
80th	0.030	0.031	0.022
85th	0.032	0.033	0.026
90th	0.034	0.034	0.029
95th	0.038	0.037	0.031
98th	0.041	0.040	0.038
99th	0.049	0.042	0.038
Maximum	0.058	0.051	0.038

Sodium (Na)
Stream Sediment

number of values : 204
units : %
detection limit : 0.001
analytical method : ICPMS

Sodium by ICP-MS

Summary Statistics



	N	%	Cum%
19.5 – 26.9	18	8.8	8.8
26.9 – 37.2	35	17.2	26.0
37.2 – 51.3	37	18.1	44.1
51.3 – 70.8	39	19.1	63.2
70.8 – 97.7	10	4.9	68.1
97.7 – 134.9	8	3.9	72.1
134.9 – 186.2	20	9.8	81.9
186.2 – 257.0	16	7.8	89.7
257.0 – 354.8	18	8.8	98.5
354.8 – 489.8	3	1.5	100.0
489.8 – 676.1			

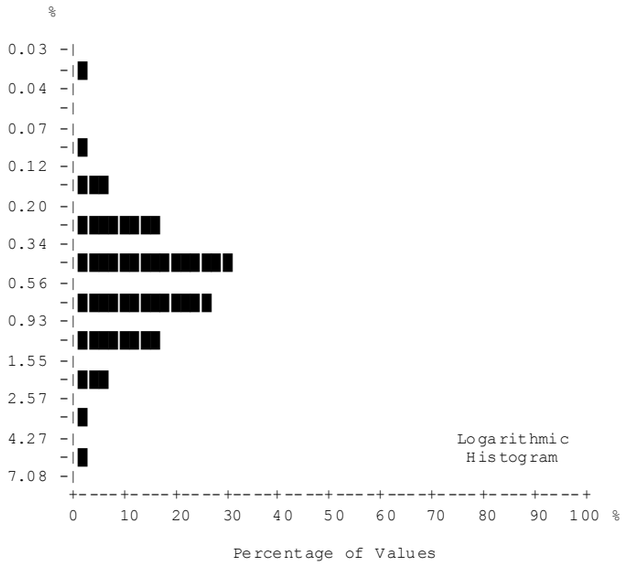
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	102.86	108.30	78.85
Median	56.00	59.20	45.20
Mode	23.90	23.90	20.30
Range	460.0	451.7	459.7
St Dev	98.19	98.98	104.15
Coef Var	0.955	0.914	1.321
Log Mean	1.849	1.871	1.749
Geo Mean	70.71	74.38	56.09
Log StDv	0.363	0.371	0.306
Log CVar	0.196	0.198	0.175
Percntls			
Minimum	20.0	20.0	20.3
10th	27.3	27.3	33.6
20th	33.5	32.3	35.4
30th	39.8	40.7	36.2
40th	47.4	49.2	38.2
50th	56.0	59.2	45.2
60th	65.6	70.4	52.6
70th	117.7	141.1	64.7
80th	176.5	187.3	65.6
85th	210.8	227.7	86.1
90th	258.6	263.9	108.6
95th	325.2	325.2	134.2
98th	345.7	345.3	480.0
99th	385.5	348.7	480.0
Maximum	480.0	471.7	480.0

Strontium (Sr)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.5
analytical method : ICPMS

Strontium by ICP-MS

Summary Statistics



	N	%	Cum%
	2	1.0	1.0
	0	0.0	1.0
	2	1.0	2.0
	9	4.4	6.4
	31	15.2	21.6
	60	29.4	51.0
	51	25.0	76.0
	32	15.7	91.7
	12	5.9	97.5
	3	1.5	99.0
	2	1.0	100.0

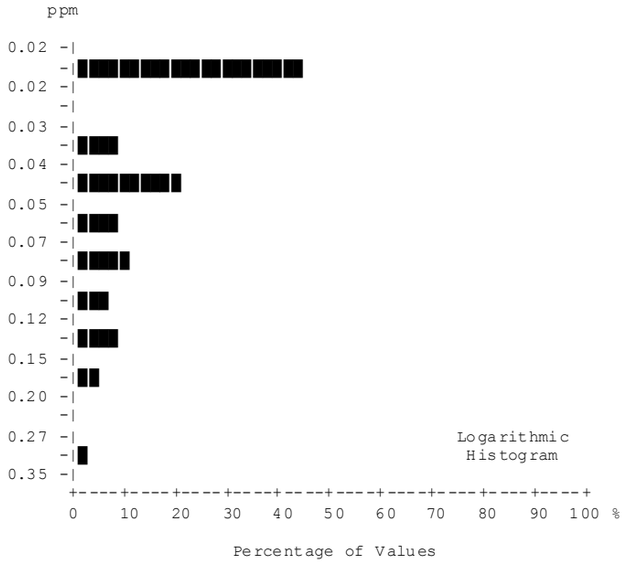
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	0.75	0.74	0.87
Median	0.56	0.56	0.50
Mode	0.36	0.36	0.03
Range	4.92	4.91	4.43
St Dev	0.69	0.66	1.04
Coef Var	0.911	0.885	1.184
Log Mean	-0.245	-0.242	-0.296
Geo Mean	0.57	0.57	0.51
Log StDv	0.326	0.306	0.505
Log CVar	-1.331	-1.264	-1.712
Percntls			
Minimum	0.03	0.04	0.03
10th	0.23	0.28	0.12
20th	0.33	0.33	0.21
30th	0.38	0.37	0.22
40th	0.47	0.47	0.44
50th	0.56	0.56	0.50
60th	0.67	0.67	0.56
70th	0.81	0.79	1.02
80th	1.03	1.01	1.07
85th	1.16	1.12	1.26
90th	1.36	1.28	1.40
95th	2.00	1.86	2.00
98th	3.22	2.48	4.46
99th	3.50	3.40	4.46
Maximum	4.95	4.95	4.46

Sulphur (S)
Stream Sediment

number of values : 204
units : %
detection limit : 0.02
analytical method : ICPMS

Sulphur by ICP-MS

Summary Statistics



ppm	N	%	Cum%
0.02	87	42.6	42.6
0.02	0	0.0	42.6
0.03	15	7.4	50.0
0.04	39	19.1	69.1
0.05	13	6.4	75.5
0.07	17	8.3	83.8
0.09	11	5.4	89.2
0.12	13	6.4	95.6
0.15	8	3.9	99.5
0.20	0	0.0	99.5
0.27	1	0.5	100.0
0.35			

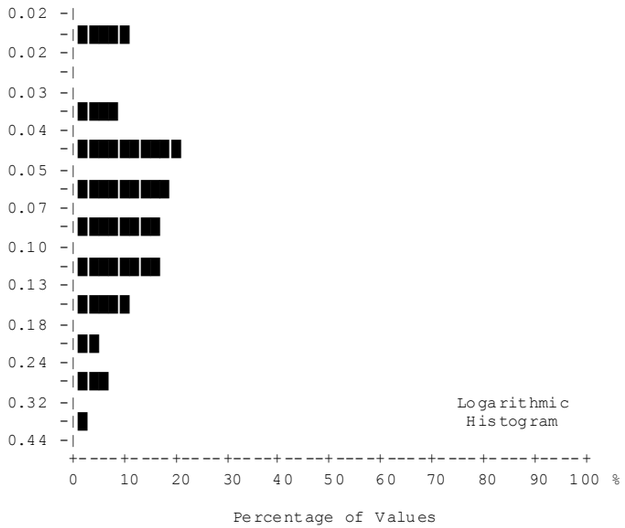
	All	Q	CPA
N	204	177	18
N > DL	117	95	16
Missing	0	0	0
Mean	0.05	0.05	0.10
Median	0.03	0.03	0.08
Mode	0.02	0.02	0.05
Range	0.28	0.18	0.28
St Dev	0.05	0.04	0.07
Coef Var	0.872	0.812	0.693
Log Mean	-1.408	-1.446	-1.087
Geo Mean	0.04	0.04	0.08
Log StDv	0.308	0.284	0.319
Log CVar	-0.219	-0.197	-0.294
Percntls			
Minimum	0.02	0.02	0.02
10th	0.02	0.02	0.02
20th	0.02	0.02	0.05
30th	0.02	0.02	0.05
40th	0.02	0.02	0.07
50th	0.03	0.03	0.08
60th	0.05	0.04	0.10
70th	0.06	0.05	0.13
80th	0.07	0.06	0.15
85th	0.09	0.07	0.16
90th	0.12	0.10	0.17
95th	0.15	0.12	0.20
98th	0.20	0.15	0.30
99th	0.20	0.18	0.30
Maximum	0.30	0.20	0.30

Tellurium (Te)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.02
analytical method : ICPMS

Tellurium by ICP-MS

Summary Statistics



	N	%	Cum%
	19	9.3	9.3
	0	0.0	9.3
	13	6.4	15.7
	39	19.1	34.8
	35	17.2	52.0
	29	14.2	66.2
	31	15.2	81.4
	17	8.3	89.7
	8	3.9	93.6
	11	5.4	99.0
	2	1.0	100.0

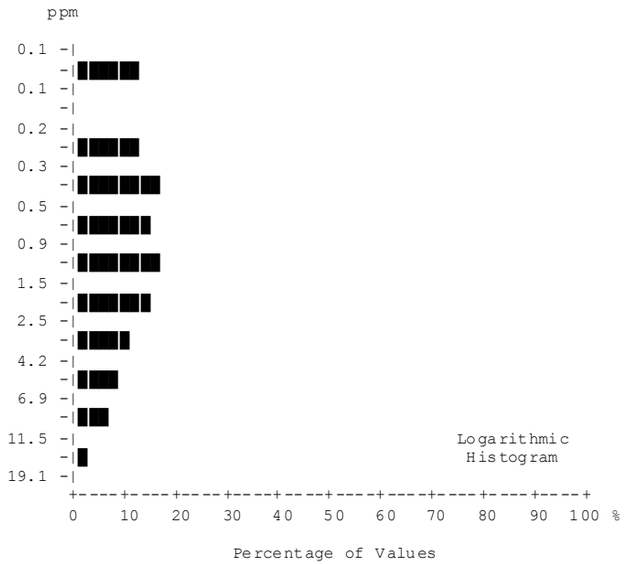
	All	Q	CPA
N	204	177	18
N > DL	185	159	17
Missing	0	0	0
Mean	0.09	0.09	0.13
Median	0.07	0.07	0.10
Mode	0.05	0.04	0.05
Range	0.37	0.37	0.26
St Dev	0.07	0.07	0.07
Coef Var	0.758	0.788	0.554
Log Mean	-1.143	-1.175	-0.973
Geo Mean	0.07	0.07	0.11
Log StDv	0.308	0.301	0.280
Log CVar	-0.270	-0.256	-0.289
Percntls			
Minimum	0.02	0.02	0.02
10th	0.03	0.02	0.05
20th	0.04	0.04	0.07
30th	0.05	0.05	0.08
40th	0.06	0.06	0.09
50th	0.07	0.07	0.10
60th	0.08	0.08	0.14
70th	0.10	0.09	0.15
80th	0.13	0.12	0.16
85th	0.15	0.13	0.19
90th	0.18	0.16	0.20
95th	0.25	0.25	0.25
98th	0.29	0.29	0.28
99th	0.31	0.31	0.28
Maximum	0.39	0.39	0.28

Thallium (Tl)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.02
analytical method : ICPMS

Thallium by ICP-MS

Summary Statistics



	N	%	Cum%
	22	10.8	10.8
	0	0.0	10.8
	24	11.8	22.5
	31	15.2	37.7
	27	13.2	51.0
	29	14.2	65.2
	26	12.7	77.9
	18	8.8	86.8
	15	7.4	94.1
	9	4.4	98.5
	3	1.5	100.0

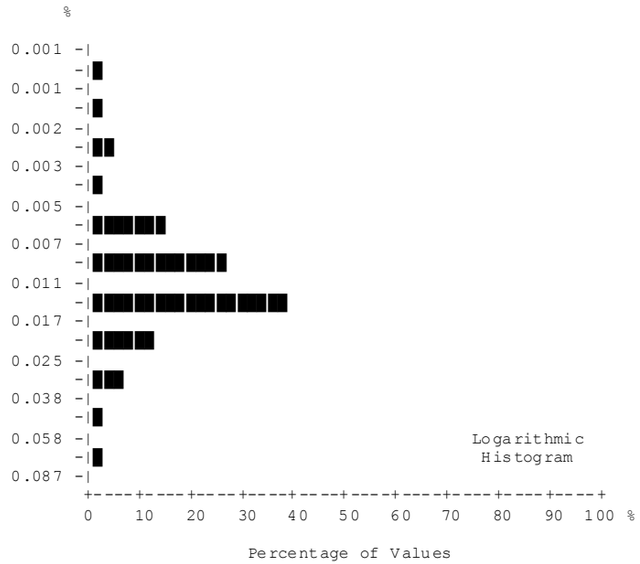
	All	Q	CPA
N	204	177	18
N > DL	182	157	16
Missing	0	0	0
Mean	1.90	1.55	3.49
Median	0.90	0.80	2.00
Mode	0.10	0.10	0.10
Range	16.9	9.6	11.9
St Dev	2.56	1.92	3.54
Coef Var	1.351	1.236	1.014
Log Mean	-0.043	-0.094	0.225
Geo Mean	0.90	0.80	1.68
Log StDv	0.551	0.521	0.649
Log CVar	-12.809	-5.542	2.887
Percntls			
Minimum	0.1	0.1	0.1
10th	0.1	0.1	0.1
20th	0.3	0.3	0.3
30th	0.5	0.4	0.5
40th	0.6	0.6	1.5
50th	0.9	0.8	2.0
60th	1.2	1.1	3.3
70th	1.9	1.6	3.6
80th	2.7	2.3	6.2
85th	3.4	2.8	6.9
90th	5.5	4.0	7.2
95th	7.2	6.0	9.9
98th	9.7	7.4	12.0
99th	12.0	8.7	12.0
Maximum	17.0	9.7	12.0

Thorium (Th)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.1
analytical method : ICPMS

Thorium by ICP-MS

Summary Statistics



	N	%	Cum%
	1	0.5	0.5
	4	2.0	2.5
	5	2.5	4.9
	4	2.0	6.9
	25	12.3	19.1
	50	24.5	43.6
	76	37.3	80.9
	24	11.8	92.6
	11	5.4	98.0
	3	1.5	99.5
	1	0.5	100.0

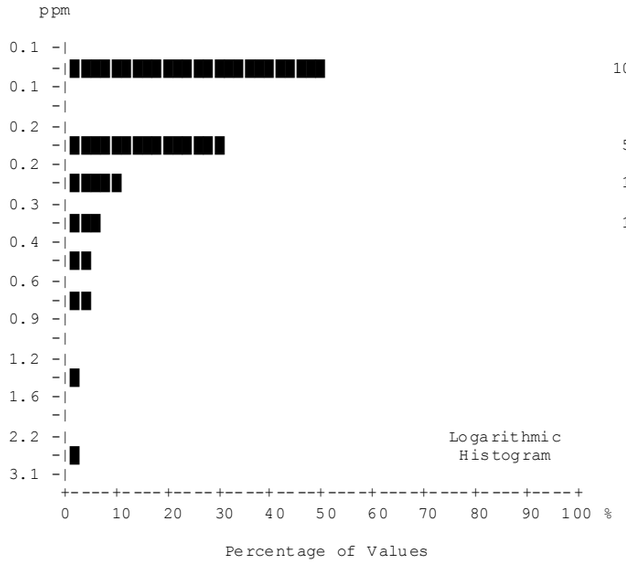
	All	Q	CPA
N	204	177	18
N > DL	203	176	18
Missing	0	0	0
Mean	0.01	0.01	0.01
Median	0.01	0.01	0.01
Mode	0.01	0.01	0.01
Range	0.066	0.066	0.025
St Dev	0.01	0.01	0.01
Coef Var	0.659	0.668	0.471
Log Mean	-1.959	-1.975	-1.879
Geo Mean	0.01	0.01	0.01
Log StDv	0.263	0.266	0.195
Log CVar	-0.134	-0.134	-0.104
Percntls			
Minimum	0.001	0.001	0.005
10th	0.005	0.005	0.008
20th	0.008	0.007	0.010
30th	0.009	0.009	0.011
40th	0.010	0.010	0.011
50th	0.011	0.011	0.012
60th	0.012	0.012	0.012
70th	0.014	0.014	0.015
80th	0.016	0.016	0.017
85th	0.019	0.017	0.021
90th	0.023	0.021	0.022
95th	0.028	0.028	0.029
98th	0.037	0.032	0.030
99th	0.049	0.049	0.030
Maximum	0.067	0.067	0.030

Titanium (Ti)
Stream Sediment

number of values : 204
units : %
detection limit : 0.001
analytical method : ICPMS

Titanium by ICP-MS

Summary Statistics



	N	%	Cum%
	101	49.5	49.5
	0	0.0	49.5
	58	28.4	77.9
	17	8.3	86.3
	11	5.4	91.7
	6	2.9	94.6
	6	2.9	97.5
	0	0.0	97.5
	4	2.0	99.5
	0	0.0	99.5
	1	0.5	100.0

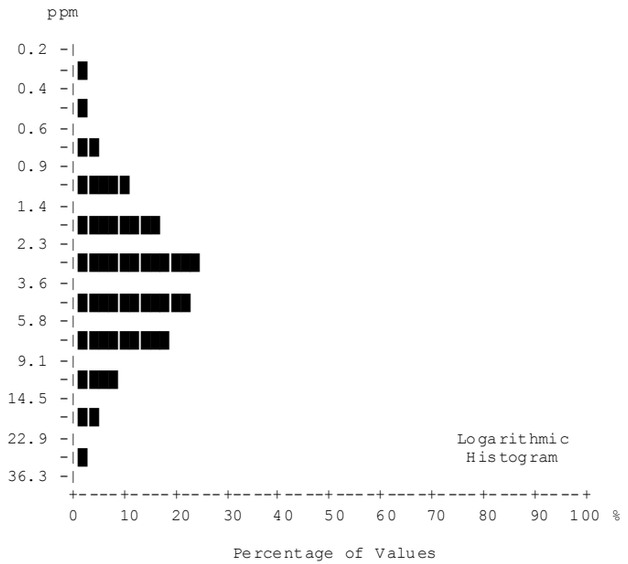
	All	Q	CPA
N	204	177	18
N > DL	103	87	9
Missing	0	0	0
Mean	0.23	0.24	0.18
Median	0.20	0.10	0.10
Mode	0.10	0.10	0.10
Range	2.4	2.4	0.3
St Dev	0.28	0.29	0.09
Coef Var	1.191	1.236	0.530
Log Mean	-0.766	-0.767	-0.803
Geo Mean	0.17	0.17	0.16
Log StDv	0.289	0.296	0.217
Log CVar	-0.377	-0.387	-0.271
Percntls			
Minimum	0.1	0.1	0.1
10th	0.1	0.1	0.1
20th	0.1	0.1	0.1
30th	0.1	0.1	0.1
40th	0.1	0.1	0.1
50th	0.2	0.1	0.1
60th	0.2	0.2	0.2
70th	0.2	0.2	0.2
80th	0.3	0.3	0.2
85th	0.3	0.3	0.3
90th	0.4	0.4	0.3
95th	0.7	0.7	0.3
98th	1.4	1.4	0.4
99th	1.4	1.4	0.4
Maximum	2.5	2.5	0.4

Tungsten (W)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.1
analytical method : ICPMS

Tungsten by ICP-MS

Summary Statistics



	N	%	Cum%
	1	0.5	0.5
	1	0.5	1.0
	6	2.9	3.9
	18	8.8	12.7
	31	15.2	27.9
	46	22.5	50.5
	43	21.1	71.6
	37	18.1	89.7
	13	6.4	96.1
	7	3.4	99.5
	1	0.5	100.0

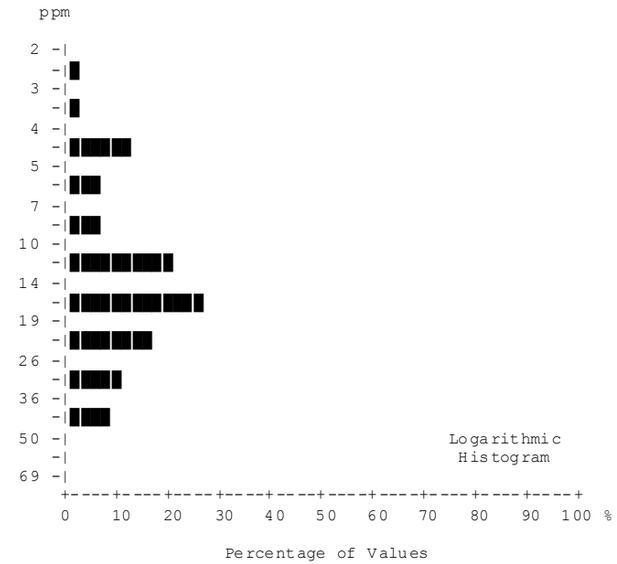
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	4.80	4.42	5.13
Median	3.40	3.40	4.20
Mode	2.90	2.00	2.90
Range	30.9	17.1	20.1
St Dev	4.13	3.34	4.38
Coef Var	0.860	0.757	0.855
Log Mean	0.555	0.530	0.607
Geo Mean	3.59	3.39	4.04
Log StDv	0.336	0.327	0.309
Log CVar	0.605	0.616	0.510
Percntls			
Minimum	0.3	0.3	0.6
10th	1.3	1.3	2.2
20th	1.9	1.8	2.9
30th	2.5	2.2	2.9
40th	3.1	2.9	3.1
50th	3.4	3.4	4.2
60th	4.4	4.1	4.4
70th	5.4	5.1	5.0
80th	6.6	6.5	5.1
85th	7.3	7.1	5.7
90th	9.2	8.2	8.3
95th	12.9	11.4	9.1
98th	16.6	13.9	20.7
99th	20.7	16.2	20.7
Maximum	31.2	17.4	20.7

Uranium (U)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.1
analytical method : ICPMS

Uranium by ICP-MS

Summary Statistics



ppm	N	%	Cum%
2	1	0.5	0.5
3	4	2.0	2.5
4	21	10.3	12.7
5	11	5.4	18.1
7	12	5.9	24.0
10	38	18.6	42.6
14	51	25.0	67.6
19	33	16.2	83.8
26	20	9.8	93.6
36	13	6.4	100.0
50			
69			

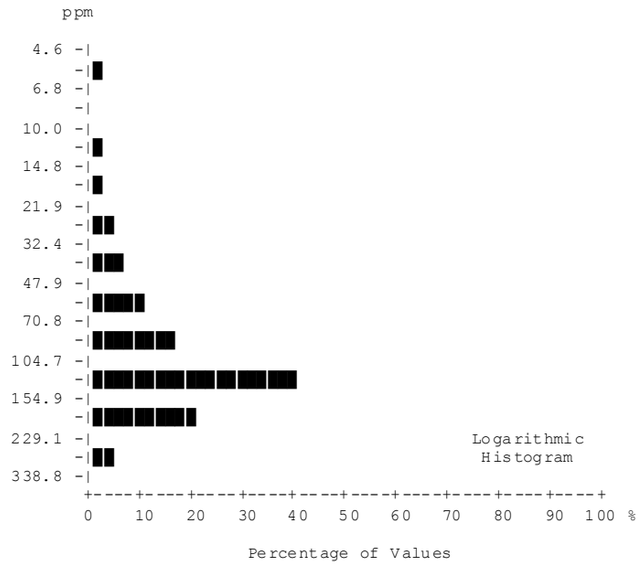
	All	Q	CPA
N	204	177	18
N > DL	203	176	18
Missing	0	0	0
Mean	16.8	15.8	21.8
Median	15.0	14.0	19.0
Mode	4.0	4.0	12.0
Range	48	48	38
St Dev	10.14	9.37	10.82
Coef Var	0.602	0.593	0.495
Log Mean	1.141	1.117	1.272
Geo Mean	13.8	13.1	18.7
Log StDv	0.290	0.284	0.276
Log CVar	0.254	0.254	0.217
Percntls			
Minimum	2	2	3
10th	5	4	11
20th	8	7	12
30th	11	10	12
40th	13	13	14
50th	15	14	19
60th	17	16	23
70th	20	19	29
80th	24	23	30
85th	27	24	32
90th	31	27	34
95th	39	31	39
98th	44	43	41
99th	48	46	41
Maximum	50	50	41

Vanadium (V)
Stream Sediment

number of values : 204
units : ppm
detection limit : 2
analytical method : ICPMS

Vanadium by ICP-MS

Summary Statistics



	N	%	Cum%
	1	0.5	0.5
	0	0.0	0.5
	1	0.5	1.0
	3	1.5	2.5
	7	3.4	5.9
	11	5.4	11.3
	19	9.3	20.6
	32	15.7	36.3
	81	39.7	76.0
	40	19.6	95.6
	8	3.9	99.5

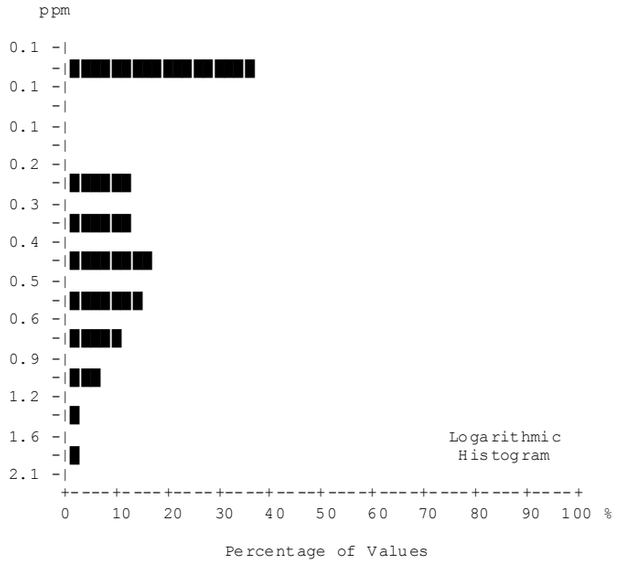
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	122.87	119.19	142.14
Median	125.50	118.90	131.50
Mode	85.40	85.40	33.10
Range	333.7	333.7	234.2
St Dev	59.90	61.54	47.27
Coef Var	0.487	0.516	0.333
Log Mean	2.024	2.005	2.124
Geo Mean	105.63	101.18	133.04
Log StDv	0.268	0.277	0.181
Log CVar	0.132	0.138	0.085
Percntls			
Minimum	6.6	6.6	33.1
10th	43.2	40.9	100.3
20th	69.1	67.6	115.0
30th	88.5	84.2	121.4
40th	112.7	102.8	127.0
50th	125.5	118.9	131.5
60th	134.7	132.9	149.2
70th	145.2	139.8	152.8
80th	161.1	159.8	153.1
85th	173.3	172.1	168.9
90th	197.4	196.0	182.5
95th	222.4	222.4	198.9
98th	267.3	260.4	267.3
99th	288.3	288.3	267.3
Maximum	340.3	340.3	267.3

Zinc (Zn)
Stream Sediment

number of values	: 204
units	: ppm
detection limit	: 0.1
analytical method	: ICPMS

Zinc by ICP-MS

Summary Statistics



	N	%	Cum%
	71	34.8	34.8
	0	0.0	34.8
	0	0.0	34.8
	21	10.3	45.1
	23	11.3	56.4
	29	14.2	70.6
	27	13.2	83.8
	19	9.3	93.1
	10	4.9	98.0
	3	1.5	99.5
	1	0.5	100.0

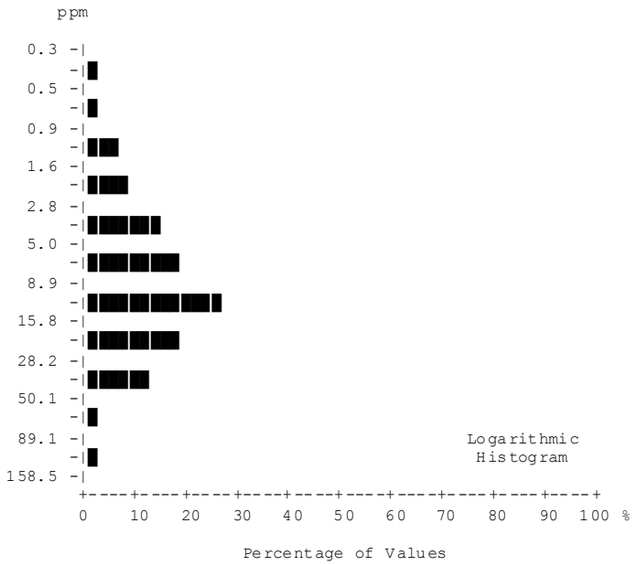
	All	Q	CPA
N	204	177	18
N > DL	133	110	15
Missing	0	0	0
Mean	0.37	0.35	0.48
Median	0.30	0.30	0.50
Mode	0.10	0.10	0.10
Range	1.7	1.7	0.9
St Dev	0.30	0.30	0.28
Coef Var	0.821	0.862	0.582
Log Mean	-0.579	-0.606	-0.414
Geo Mean	0.26	0.25	0.39
Log StDv	0.358	0.357	0.333
Log CVar	-0.620	-0.588	-0.807
Percntls			
Minimum	0.1	0.1	0.1
10th	0.1	0.1	0.1
20th	0.1	0.1	0.2
30th	0.1	0.1	0.2
40th	0.2	0.2	0.4
50th	0.3	0.3	0.5
60th	0.4	0.4	0.5
70th	0.4	0.4	0.7
80th	0.6	0.6	0.7
85th	0.7	0.6	0.7
90th	0.8	0.7	0.8
95th	1.0	0.9	0.9
98th	1.1	1.1	1.0
99th	1.3	1.3	1.0
Maximum	1.8	1.8	1.0

Beryllium (Be)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.1
analytical method : ICPMS

Beryllium by ICP-MS

Summary Statistics



	N	%	Cum%
	3	1.5	1.5
	2	1.0	2.5
	9	4.4	6.9
	13	6.4	13.2
	27	13.2	26.5
	36	17.6	44.1
	53	26.0	70.1
	36	17.6	87.7
	21	10.3	98.0
	3	1.5	99.5
	1	0.5	100.0

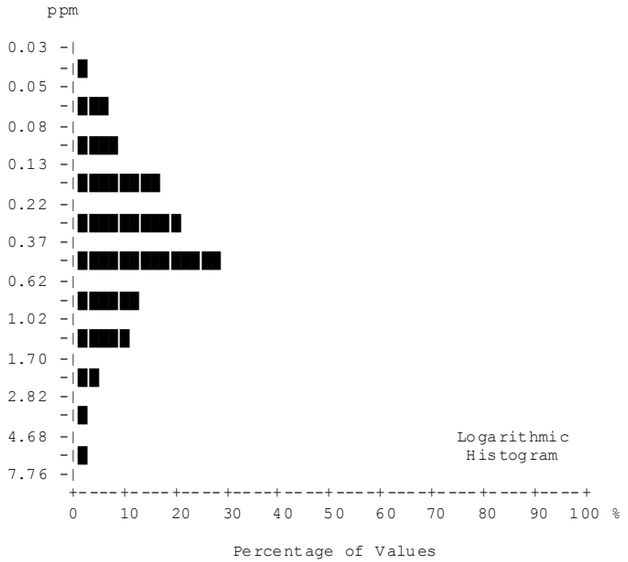
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	14.00	11.93	23.70
Median	10.00	9.10	17.50
Mode	3.60	3.60	1.90
Range	100.8	57.0	78.3
St Dev	14.04	10.46	18.99
Coef Var	1.003	0.877	0.801
Log Mean	0.952	0.900	1.238
Geo Mean	8.96	7.95	17.29
Log StDv	0.448	0.435	0.387
Log CVar	0.471	0.483	0.313
Percntls			
Minimum	0.3	0.3	1.9
10th	2.0	2.0	4.2
20th	4.1	3.8	10.1
30th	5.7	5.4	10.3
40th	8.4	7.0	15.9
50th	10.0	9.1	17.5
60th	12.6	11.7	21.6
70th	15.7	13.4	29.1
80th	19.7	18.1	34.5
85th	23.5	21.4	35.3
90th	30.4	24.8	39.6
95th	39.3	35.2	48.9
98th	48.9	39.3	80.2
99th	71.5	46.3	80.2
Maximum	101.1	57.3	80.2

Cerium (Ce)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.1
analytical method : ICPMS

Cerium by ICP-MS

Summary Statistics



	N	%	Cum%
	4	2.0	2.0
	10	4.9	6.9
	14	6.9	13.7
	30	14.7	28.4
	39	19.1	47.5
	56	27.5	75.0
	23	11.3	86.3
	19	9.3	95.6
	5	2.5	98.0
	3	1.5	99.5
	1	0.5	100.0

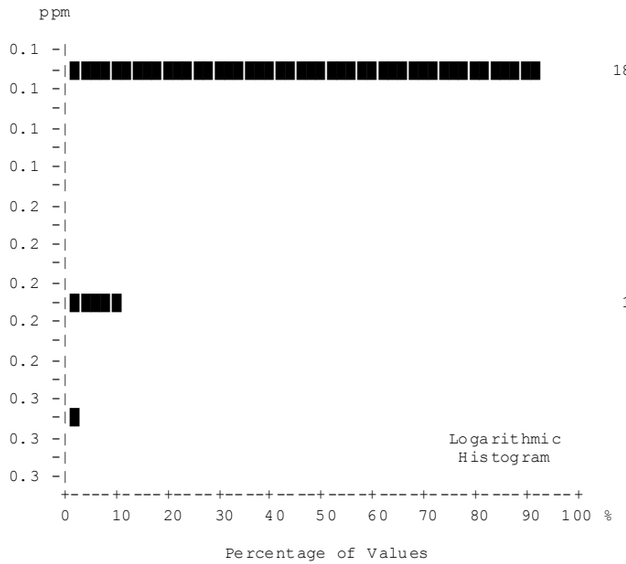
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	0.56	0.51	0.76
Median	0.41	0.34	0.59
Mode	0.16	0.16	0.42
Range	5.08	5.08	1.83
St Dev	0.64	0.62	0.50
Coef Var	1.136	1.196	0.659
Log Mean	-0.430	-0.469	-0.215
Geo Mean	0.37	0.34	0.61
Log StDv	0.398	0.393	0.324
Log CVar	-0.927	-0.838	-1.508
Percntls			
Minimum	0.03	0.03	0.08
10th	0.11	0.10	0.28
20th	0.18	0.16	0.42
30th	0.25	0.22	0.42
40th	0.31	0.28	0.47
50th	0.41	0.34	0.59
60th	0.47	0.45	0.71
70th	0.55	0.52	0.78
80th	0.74	0.62	0.90
85th	0.94	0.76	1.39
90th	1.16	1.06	1.45
95th	1.50	1.37	1.60
98th	2.30	2.27	1.91
99th	3.58	3.05	1.91
Maximum	5.11	5.11	1.91

Cesium (Cs)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.02
analytical method : ICPMS

Cesium by ICP-MS

Summary Statistics



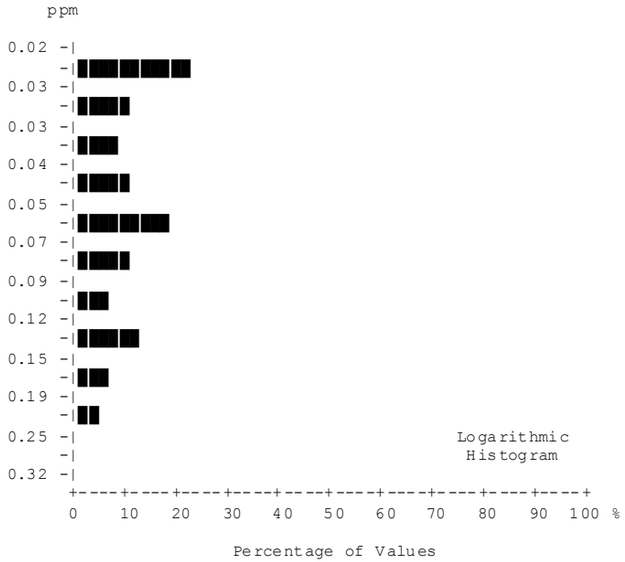
	All	Q	CPA
N	204	177	18
N > DL	18	12	3
Missing	0	0	0
Mean	0.11	0.11	0.12
Median	0.10	0.10	0.10
Mode	0.10	0.10	0.10
Range	0.2	0.1	0.1
St Dev	0.03	0.03	0.04
Coef Var	0.282	0.236	0.329
Log Mean	-0.973	-0.980	-0.950
Geo Mean	0.11	0.10	0.11
Log StDv	0.089	0.076	0.115
Log CVar	-0.092	-0.078	-0.122
Percntls			
Minimum	0.1	0.1	0.1
10th	0.1	0.1	0.1
20th	0.1	0.1	0.1
30th	0.1	0.1	0.1
40th	0.1	0.1	0.1
50th	0.1	0.1	0.1
60th	0.1	0.1	0.1
70th	0.1	0.1	0.1
80th	0.1	0.1	0.1
85th	0.1	0.1	0.1
90th	0.1	0.1	0.2
95th	0.2	0.2	0.2
98th	0.2	0.2	0.2
99th	0.2	0.2	0.2
Maximum	0.3	0.2	0.2

Germanium (Ge)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.1
analytical method : ICPMS

Germanium by ICP-MS

Summary Statistics



ppm	N	%	Cum%
0.02	44	21.6	21.6
0.03	20	9.8	31.4
0.03	15	7.4	38.7
0.04	18	8.8	47.5
0.05	36	17.6	65.2
0.07	20	9.8	75.0
0.09	12	5.9	80.9
0.12	21	10.3	91.2
0.15	11	5.4	96.6
0.19	7	3.4	100.0
0.25			
0.32			

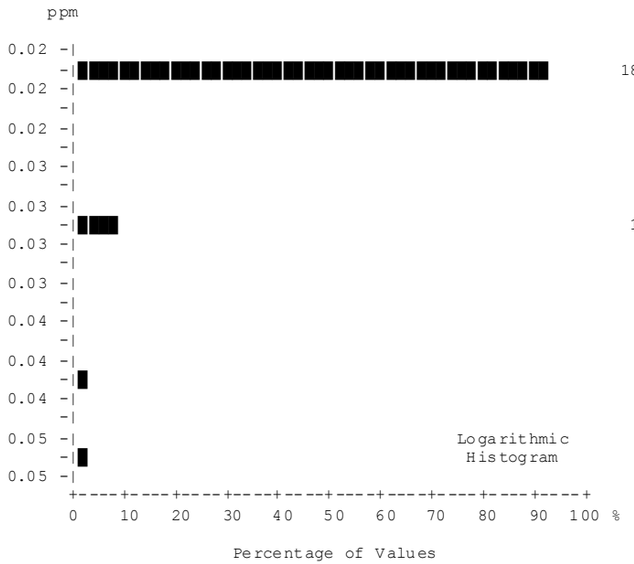
	All	Q	CPA
N	204	177	18
N > DL	160	137	14
Missing	0	0	0
Mean	0.07	0.07	0.09
Median	0.06	0.05	0.07
Mode	0.02	0.02	0.14
Range	0.23	0.23	0.18
St Dev	0.05	0.05	0.05
Coef Var	0.741	0.752	0.604
Log Mean	-1.261	-1.287	-1.147
Geo Mean	0.05	0.05	0.07
Log StDv	0.318	0.310	0.341
Log CVar	-0.252	-0.241	-0.298
Percntls			
Minimum	0.02	0.02	0.02
10th	0.02	0.02	0.02
20th	0.02	0.02	0.02
30th	0.03	0.03	0.06
40th	0.05	0.04	0.07
50th	0.06	0.05	0.07
60th	0.07	0.06	0.09
70th	0.08	0.08	0.14
80th	0.11	0.10	0.14
85th	0.13	0.11	0.14
90th	0.14	0.14	0.14
95th	0.18	0.17	0.15
98th	0.21	0.20	0.20
99th	0.25	0.21	0.20
Maximum	0.25	0.25	0.20

Hafnium (Hf)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.02
analytical method : ICPMS

Hafnium by ICP-MS

Summary Statistics



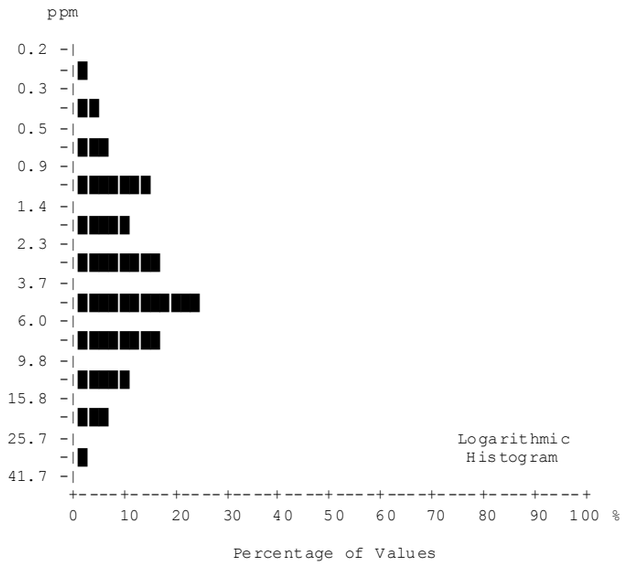
	All	Q	CPA
N	204	177	18
N > DL	19	15	2
Missing	0	0	0
Mean	0.02	0.02	0.02
Median	0.02	0.02	0.02
Mode	0.02	0.02	0.02
Range	0.03	0.03	0.01
St Dev	0.00	0.00	0.00
Coef Var	0.217	0.217	0.153
Log Mean	-1.678	-1.679	-1.679
Geo Mean	0.02	0.02	0.02
Log StDv	0.070	0.069	0.057
Log CVar	-0.042	-0.041	-0.034
Percntls			
Minimum	0.02	0.02	0.02
10th	0.02	0.02	0.02
20th	0.02	0.02	0.02
30th	0.02	0.02	0.02
40th	0.02	0.02	0.02
50th	0.02	0.02	0.02
60th	0.02	0.02	0.02
70th	0.02	0.02	0.02
80th	0.02	0.02	0.02
85th	0.02	0.02	0.02
90th	0.02	0.02	0.02
95th	0.03	0.03	0.03
98th	0.04	0.04	0.03
99th	0.04	0.04	0.03
Maximum	0.05	0.05	0.03

Indium (In)
Stream Sediment

number of values	: 204
units	: ppm
detection limit	: 0.02
analytical method	: ICPMS

Indium by ICP-MS

Summary Statistics



	N	%	Cum%
	1	0.5	0.5
	5	2.5	2.9
	10	4.9	7.8
	26	12.7	20.6
	18	8.8	29.4
	33	16.2	45.6
	47	23.0	68.6
	30	14.7	83.3
	20	9.8	93.1
	11	5.4	98.5
	3	1.5	100.0

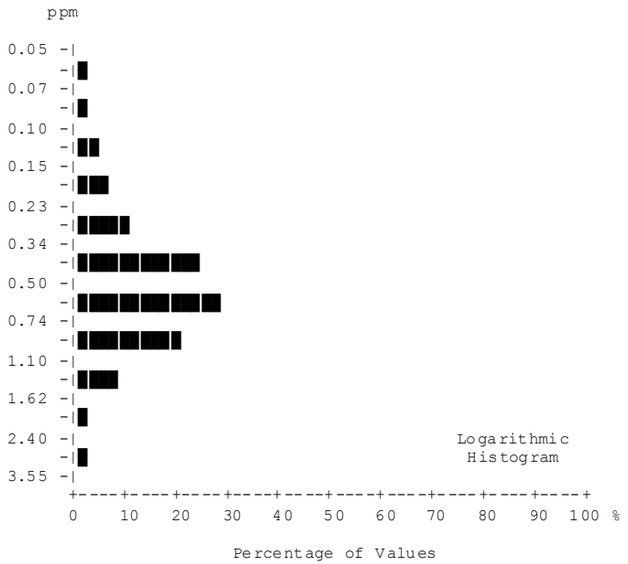
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	5.90	5.38	9.78
Median	4.30	3.80	6.90
Mode	1.00	1.00	5.60
Range	38.7	38.7	23.1
St Dev	5.91	5.69	6.66
Coef Var	1.002	1.058	0.681
Log Mean	0.575	0.531	0.885
Geo Mean	3.76	3.40	7.68
Log StDv	0.435	0.432	0.332
Log CVar	0.758	0.813	0.376
Percntls			
Minimum	0.3	0.3	1.1
10th	1.0	0.9	3.6
20th	1.4	1.2	4.5
30th	2.3	2.1	5.4
40th	3.1	2.7	5.6
50th	4.3	3.8	6.9
60th	5.4	4.8	8.5
70th	6.3	5.7	12.4
80th	8.5	7.3	14.8
85th	11.6	8.8	17.9
90th	14.4	13.3	18.8
95th	17.3	15.7	20.2
98th	22.9	19.6	24.2
99th	25.8	25.8	24.2
Maximum	39.0	39.0	24.2

Lithium (Li)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.1
analytical method : ICPMS

Lithium by ICP-MS

Summary Statistics



	N	%	Cum%
	4	2.0	2.0
	4	2.0	3.9
	7	3.4	7.4
	10	4.9	12.3
	17	8.3	20.6
	47	23.0	43.6
	55	27.0	70.6
	38	18.6	89.2
	16	7.8	97.1
	4	2.0	99.0
	2	1.0	100.0

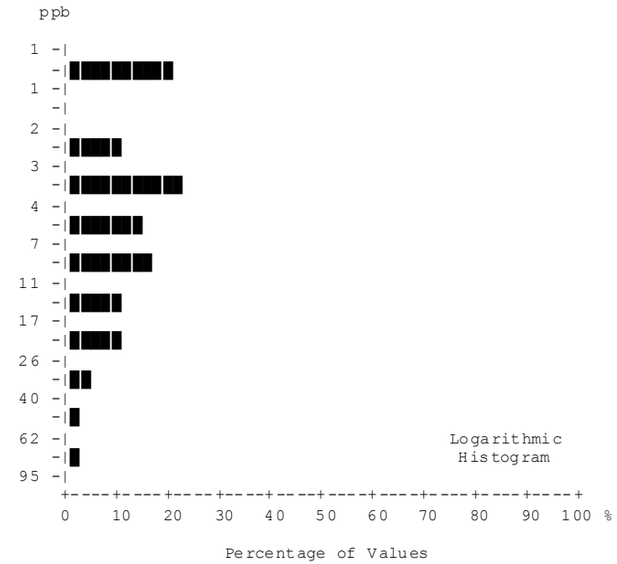
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	0.62	0.60	0.72
Median	0.53	0.52	0.67
Mode	0.52	0.49	0.52
Range	2.56	2.56	1.20
St Dev	0.41	0.41	0.29
Coef Var	0.657	0.688	0.405
Log Mean	-0.301	-0.323	-0.183
Geo Mean	0.50	0.47	0.66
Log StDv	0.308	0.314	0.215
Log CVar	-1.024	-0.973	-1.176
Percntls			
Minimum	0.05	0.05	0.16
10th	0.19	0.17	0.30
20th	0.32	0.29	0.52
30th	0.40	0.38	0.52
40th	0.49	0.45	0.62
50th	0.53	0.52	0.67
60th	0.61	0.58	0.77
70th	0.73	0.68	0.81
80th	0.82	0.82	0.81
85th	0.95	0.94	0.92
90th	1.11	1.04	1.03
95th	1.36	1.20	1.21
98th	1.65	1.65	1.36
99th	2.31	2.31	1.36
Maximum	2.61	2.61	1.36

Niobium (Nb)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.02
analytical method : ICPMS

Niobium by ICP-MS

Summary Statistics



ppb	N	%	Cum%
1	41	20.1	20.1
1	0	0.0	20.1
2	19	9.3	29.4
3	42	20.6	50.0
4	26	12.7	62.7
7	33	16.2	78.9
11	17	8.3	87.3
17	17	8.3	95.6
26	6	2.9	98.5
40	2	1.0	99.5
62	1	0.5	100.0
95			

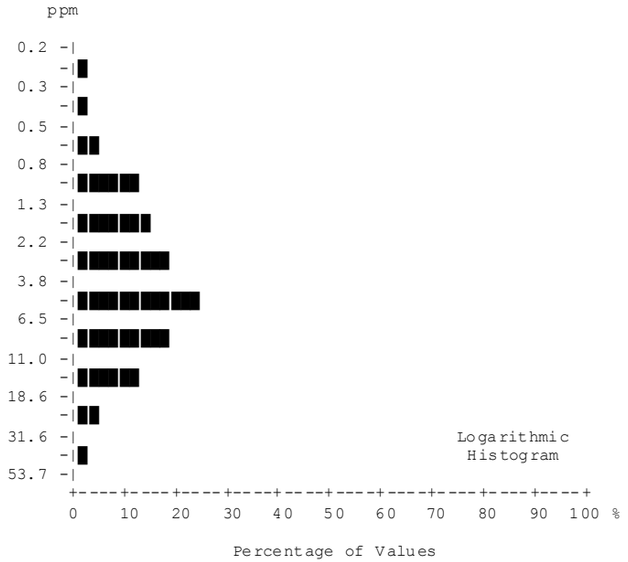
	All	Q	CPA
N	204	177	18
N > DL	163	139	16
Missing	0	0	0
Mean	7.9	7.5	12.4
Median	4.0	4.0	8.0
Mode	1.0	1.0	1.0
Range	86	86	58
St Dev	10.30	10.08	13.39
Coef Var	1.302	1.340	1.076
Log Mean	0.652	0.625	0.901
Geo Mean	4.5	4.2	8.0
Log StDv	0.461	0.461	0.450
Log CVar	0.707	0.738	0.500
Percntls			
Minimum	1	1	1
10th	1	1	1
20th	1	1	4
30th	3	2	5
40th	3	3	6
50th	4	4	8
60th	6	5	10
70th	8	7	13
80th	11	10	15
85th	14	13	18
90th	21	20	23
95th	24	24	23
98th	37	36	59
99th	43	38	59
Maximum	87	87	59

Rhenium (Re)
Stream Sediment

number of values : 204
units : ppb
detection limit : 1
analytical method : ICPMS

Rhenium by ICP-MS

Summary Statistics



	N	%	Cum%
	1	0.5	0.5
	2	1.0	1.5
	6	2.9	4.4
	22	10.8	15.2
	26	12.7	27.9
	36	17.6	45.6
	49	24.0	69.6
	34	16.7	86.3
	22	10.8	97.1
	5	2.5	99.5
	1	0.5	100.0

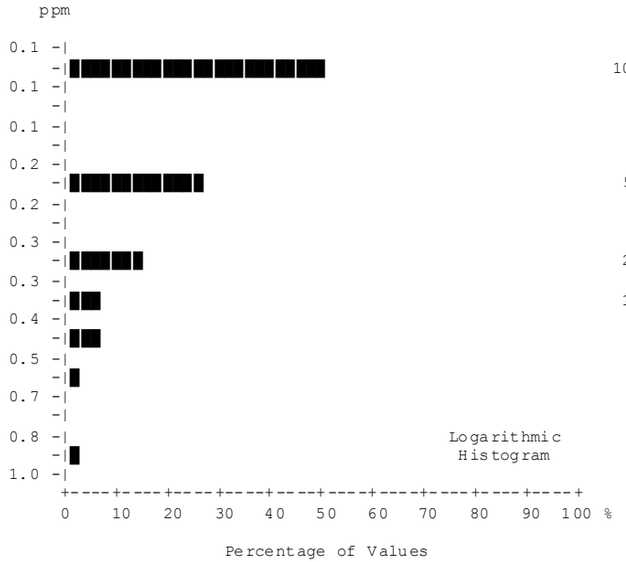
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	5.76	5.19	8.67
Median	4.50	3.80	7.70
Mode	1.10	1.10	4.90
Range	42.1	42.1	19.5
St Dev	5.67	5.35	5.07
Coef Var	0.985	1.030	0.585
Log Mean	0.585	0.541	0.847
Geo Mean	3.84	3.47	7.03
Log StDv	0.413	0.407	0.329
Log CVar	0.707	0.755	0.389
Percntls			
Minimum	0.2	0.2	0.8
10th	1.1	1.0	2.5
20th	1.8	1.5	4.9
30th	2.4	2.1	4.9
40th	3.3	2.9	6.2
50th	4.5	3.8	7.7
60th	5.4	4.9	8.3
70th	6.5	5.8	11.3
80th	8.3	7.3	12.6
85th	10.3	8.8	13.3
90th	11.8	11.0	13.6
95th	13.9	12.5	16.6
98th	25.0	16.2	20.3
99th	30.1	27.6	20.3
Maximum	42.3	42.3	20.3

Rubidium (Rb)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.1
analytical method : ICPMS

Rubidium by ICP-MS

Summary Statistics



	N	%	Cum%
	101	49.5	49.5
	0	0.0	49.5
	0	0.0	49.5
	52	25.5	75.0
	0	0.0	75.0
	26	12.7	87.7
	11	5.4	93.1
	9	4.4	97.5
	3	1.5	99.0
	0	0.0	99.0
	2	1.0	100.0

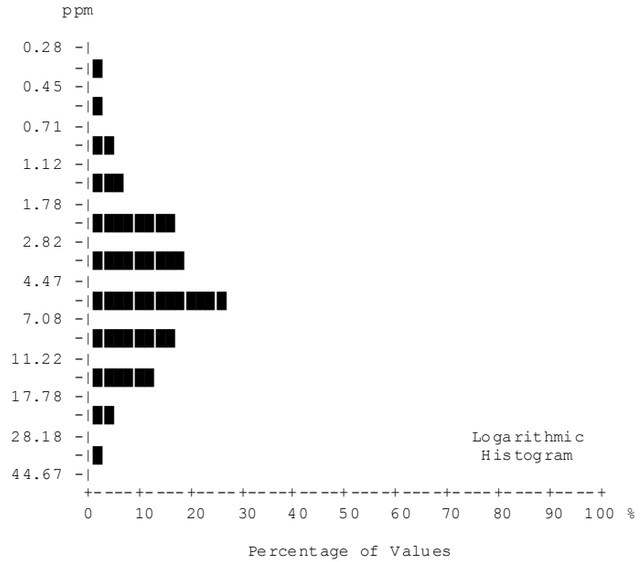
	All	Q	CPA
N	204	177	18
N > DL	103	81	15
Missing	0	0	0
Mean	0.20	0.19	0.28
Median	0.20	0.10	0.20
Mode	0.10	0.10	0.20
Range	0.8	0.8	0.5
St Dev	0.14	0.14	0.15
Coef Var	0.700	0.720	0.532
Log Mean	-0.778	-0.804	-0.616
Geo Mean	0.17	0.16	0.24
Log StDv	0.249	0.241	0.238
Log CVar	-0.321	-0.300	-0.387
Percntls			
Minimum	0.1	0.1	0.1
10th	0.1	0.1	0.1
20th	0.1	0.1	0.2
30th	0.1	0.1	0.2
40th	0.1	0.1	0.2
50th	0.2	0.1	0.2
60th	0.2	0.2	0.3
70th	0.2	0.2	0.3
80th	0.3	0.3	0.4
85th	0.3	0.3	0.4
90th	0.4	0.3	0.5
95th	0.5	0.4	0.5
98th	0.6	0.5	0.6
99th	0.6	0.6	0.6
Maximum	0.9	0.9	0.6

Tin (Sn)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.1
analytical method : ICPMS

Tin by ICP-MS

Summary Statistics



	N	%	Cum%
	3	1.5	1.5
	4	2.0	3.4
	8	3.9	7.4
	10	4.9	12.3
	30	14.7	27.0
	37	18.1	45.1
	51	25.0	70.1
	31	15.2	85.3
	21	10.3	95.6
	8	3.9	99.5
	1	0.5	100.0

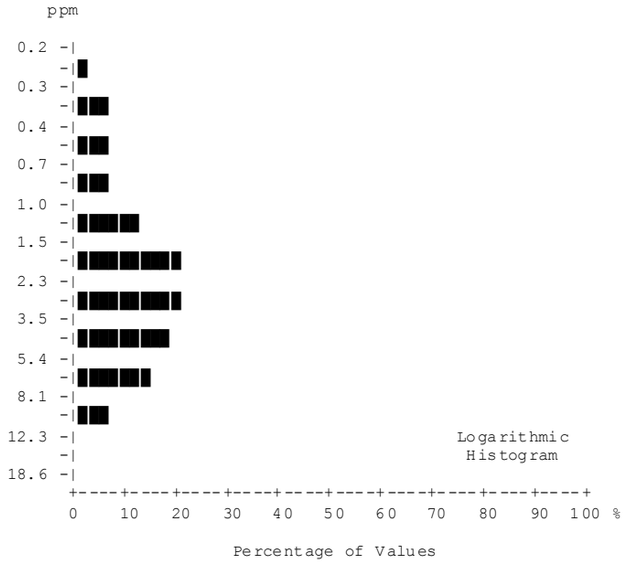
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	6.23	5.36	10.05
Median	4.80	4.65	9.44
Mode	5.54	5.54	1.18
Range	31.82	31.82	20.38
St Dev	5.26	4.16	5.99
Coef Var	0.844	0.775	0.596
Log Mean	0.650	0.602	0.904
Geo Mean	4.47	4.00	8.02
Log StDv	0.379	0.361	0.334
Log CVar	0.583	0.600	0.369
Percntls			
Minimum	0.34	0.34	1.18
10th	1.38	1.32	2.64
20th	2.37	2.16	4.47
30th	3.19	2.77	4.98
40th	3.98	3.53	6.45
50th	4.80	4.65	9.44
60th	5.67	5.34	11.42
70th	7.01	6.33	12.68
80th	8.85	7.95	14.51
85th	10.51	8.79	16.07
90th	12.68	10.27	17.48
95th	16.68	13.23	19.15
98th	21.56	14.96	21.56
99th	26.24	16.68	21.56
Maximum	32.16	32.16	21.56

Yttrium (Y)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.01
analytical method : ICPMS

Yttrium by ICP-MS

Summary Statistics



	N	%	Cum%
0.2 – 0.3	2	1.0	1.0
0.3 – 0.4	10	4.9	5.9
0.4 – 0.7	9	4.4	10.3
0.7 – 1.0	12	5.9	16.2
1.0 – 1.5	22	10.8	27.0
1.5 – 2.3	40	19.6	46.6
2.3 – 3.5	38	18.6	65.2
3.5 – 5.4	34	16.7	81.9
5.4 – 8.1	28	13.7	95.6
8.1 – 12.3	9	4.4	100.0

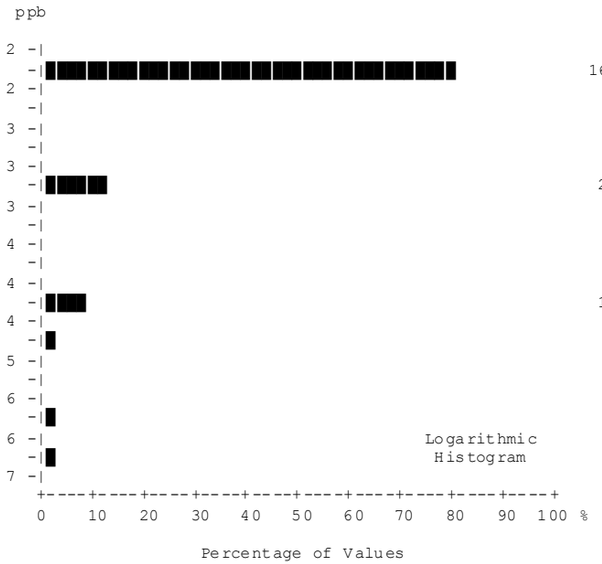
	All	Q	CPA
N	204	177	18
N > DL	204	177	18
Missing	0	0	0
Mean	3.23	3.05	3.95
Median	2.60	2.50	4.20
Mode	1.70	1.70	0.60
Range	11.9	11.8	8.3
St Dev	2.41	2.32	2.33
Coef Var	0.747	0.762	0.590
Log Mean	0.371	0.345	0.489
Geo Mean	2.35	2.21	3.08
Log StDv	0.381	0.381	0.355
Log CVar	1.030	1.109	0.728
Percntls			
Minimum	0.2	0.2	0.6
10th	0.6	0.6	0.8
20th	1.2	1.1	1.2
30th	1.7	1.6	1.8
40th	2.1	2.0	3.1
50th	2.6	2.5	4.2
60th	3.1	2.9	5.0
70th	4.2	3.6	5.3
80th	5.1	5.0	5.4
85th	5.7	5.2	5.8
90th	6.2	6.0	6.1
95th	7.7	7.6	6.2
98th	10.2	10.0	8.9
99th	10.3	10.3	8.9
Maximum	12.1	12.0	8.9

Zirconium (Zr)
Stream Sediment

number of values : 204
units : ppm
detection limit : 0.1
analytical method : ICPMS

Zirconium by ICP-MS

Summary Statistics



	All	Q	CPA
N	204	177	18
N > DL	41	30	7
Missing	0	0	0
Mean	2.3	2.3	2.6
Median	2.0	2.0	2.0
Mode	2.0	2.0	2.0
Range	5	5	5
St Dev	0.82	0.76	1.20
Coef Var	0.350	0.333	0.458
Log Mean	0.352	0.345	0.390
Geo Mean	2.2	2.2	2.5
Log StDv	0.111	0.106	0.141
Log CVar	0.316	0.307	0.363
Percntls			
Minimum	2	2	2
10th	2	2	2
20th	2	2	2
30th	2	2	2
40th	2	2	2
50th	2	2	2
60th	2	2	2
70th	2	2	3
80th	2	2	3
85th	3	3	3
90th	3	3	3
95th	4	4	3
98th	5	4	7
99th	6	5	7
Maximum	7	7	7

Platinum (Pt)
Stream Sediment

number of values : 204
units : ppb
detection limit : 10
analytical method : ICPMS

Platinum by ICP-MS