Regional Drainage Sediment and Water Geochemical Data

CENTRAL BRITISH COLUMBIA

*** APPENDIX B – SUMMARY STATISTICS ***

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Notes:

- Calculations include analytical results from surveys completed in the 2008 study area from 1993 to 2008.
- Calculations ignore missing values and analytical results from the second (`REP=2`) of paired field duplicate samples.
- Data reported by the labs at less than detection limit have been set to the reported detection limit.
- Geological sub-divisions were determined from Massey *et al*., 2005.

Summary Statistics - Lake Sites

	LAKE SEDIMENT																	
Variable	Al	Sb	As	Ba	Bi	Cd	Ca	Cr	Co	Cu	Ga	Au	Fe	La	Pb	Mg	Mn	Hg
Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb	%	ppm	ppm	%	ppm	ppb
D.L.	0.01	0.02	0.1	0.5	0.02	0.01	0.01	0.5	0.1	0.01	0.1	0.2	0.01	0.5	0.01	0.01	1	5
Anal Mth	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS
N	3042	3042	3042	3042	3042	3042	3042	3042	3042	3042	3042	2010	3042	3042	3042	3042	3042	3042
N > DL	3040	3042	3026	3042	2646	3041	3042	3041	3041	3042	3035	1958	3040	3013	3034	3042	3042	3039
Missing	127	127	127	127	127	127	127	127	127	127	127	1159	127	127	127	127	127	127
Mean	1.22	0.69	7.43	130.83	0.08	0.63	1.39	35.39	7.34	44.48	3.03	2.65	1.94	12.45	6.13	0.35	473.3	135.0
Median	1.15	0.54	5.20	109.90	0.07	0.51	0.96	26.50	6.60	38.79	2.90	2.20	1.60	10.50	5.41	0.29	307.0	115.0
Mode	1.00	0.42	2.50	15.50	0.04	0.33	0.79	29.50	7.00	35.10	3.10	1.10	1.87	6.50	3.67	0.21	191.0	115.0
Range	6.99	18.20	303.6	1424.9	4.98	12.75	29.00	588.0	58.6	305.91	12.2	34.6	25.91	129.0	342.29	4.73	17115	6035
St Dev	0.67	0.74	11.42	100.97	0.11	0.51	2.07	34.41	4.38	26.57	1.76	2.20	1.78	9.85	7.21	0.27	773.34	139.40
Coef Var	0.548	1.065	1.537	0.772	1.382	0.798	1.490	0.972	0.597	0.597	0.579	0.831	0.918	0.791	1.176	0.769	1.634	1.033
Log Mean	0.004	-0.260	0.692	1.982	-1.193	-0.293	0.013	1.424	0.793	1.580	0.389	0.286	0.178	0.971	0.694	-0.538	2.500	2.043
Geo Mean	1.01	0.55	4.92	95.87	0.06	0.51	1.03	26.58	6.21	38.04	2.45	1.93	1.51	9.36	4.94	0.29	316.4	110.4
Log StDv	0.308	0.276	0.392	0.373	0.291	0.290	0.270	0.330	0.266	0.250	0.317	0.372	0.316	0.356	0.318	0.268	0.353	0.276
Log CVar	102.567	-1.060	0.567	0.188	-0.244	-0.989	20.782	0.232	0.336	0.158	0.814	1.307	1.777	0.366	0.458	-0.499	0.141	0.135
Percntls																		
Minimum	0.01	0.04	0.1	5.0	0.02	0.01	0.13	0.5	0.1	1.09	0.1	0.2	0.01	0.5	0.01	0.04	14	5
10th	0.41	0.26	1.7	26.5	0.02	0.22	0.55	10.5	2.9	19.10	0.9	0.6	0.60	3.3	2.11	0.13	118	50
20th	0.62	0.34	2.6	47.5	0.04	0.29	0.67	14.9	4.0	24.54	1.4	1.0	0.89	5.0	3.26	0.18	170	65
30th	0.81	0.40	3.5	67.5	0.04	0.35	0.77	18.5	4.9	29.18	1.9	1.3	1.13	7.0	3.99	0.21	213	85
40th	0.98	0.46	4.3	88.5	0.06	0.43	0.87	22.0	5.7	34.00	2.4	1.7	1.37	8.6	4.68	0.25	262	100
50th	1.15	0.54	5.2	109.9	0.07	0.51	0.96	26.5	6.6	38.79	2.9	2.2	1.60	10.5	5.41	0.29	307	115
60th	1.33	0.60	6.1	133.5	0.08	0.62	1.08	32.0	7.5	44.55	3.3	2.7	1.86	12.0	6.13	0.34	366	131
70th	1.54	0.71	7.4	164.0	0.10	0.74	1.21	39.5	8.6	50.75	3.8	3.3	2.17	14.5	6.99	0.40	445	155
80th	1.79	0.86	9.5	200.2	0.11	0.90	1.42	49.5	10.1	60.77	4.5	4.0	2.62	17.6	8.30	0.48	571	185
85th	1.94	0.98	11.2	225.0	0.12	1.01	1.59	57.0	10.9	67.19	4.8	4.4	2.91	20.0	9.10	0.54	665	210
90th	2.14	1.16	13.8	257.0	0.14	1.17	1.84	68.0	12.3	74.92	5.4	5.2	3.34	23.5	10.43	0.63	839	240
95th	2.42	1.66	18.9	310.5	0.17	1.46	2.57	87.5	14.9	93.23	6.1	6.1	4.40	30.0	12.54	0.76	1279	290
98th	2.74	2.44	29.1	390.5	0.24	1.84	9.97	113.5	18.5	116.20	7.0	8.1	5.96	39.7	15.32	1.03	2021	354
99th	2.97	3.19	44.7	458.6	0.32	2.18	10.00	140.5	22.8	137.50	8.0	10.4	8.32	49.5	17.06	1.21	3203	422
Maximum	7.00	18.24	303.7	1429.9	5.00	12.76	29.13	588.5	58.7	307.00	12.3	34.8	25.92	129.5	342.30	4.77	17129	6040

Summary Statistics - Lake Sites

	LAKE SEDIMENT																	
Variable	Mo	Ni	P	K	Sc	Se	Ag	Na	Sr	S	Te	Tl	Th	Ti	W	U	V	Zn
Units	ppm	ppm	%	%	ppm	ppm	ppb	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
D.L.	0.01	0.1	.001	0.01	0.1	0.1	2	.001	0.5	0.01	0.02	0.02	0.1	.001	0.1	0.1	2	0.1
Anal Mth	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS
N	3042	3042	3042	3042	3042	3042	3042	3042	3042	3042	3042	3042	3042	3042	3042	3042	3042	3042
N > DL	3042	3042	3042	2828	3036	3037	3040	3042	3042	3037	1454	2948	2642	3029	416	3029	3016	3042
Missing	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127
Mean	4.45	38.46	0.13	0.06	4.31	2.08	303.9	0.03	72.17	0.72	0.04	0.12	0.91	0.02	0.12	3.22	39.2	97.53
Median	2.76	25.20	0.09	0.05	3.90	1.40	250.0	0.03	57.50	0.50	0.02	0.11	0.60	0.01	0.10	1.60	36.0	89.20
Mode	1.88	23.20	0.08	0.03	3.30	1.30	220.0	0.02	50.50	0.26	0.02	0.08	0.10	0.01	0.10	0.70	30.0	94.80
Range	155.00	1426.5	1.375	9.99	17.7	39.2	2564	0.975	1678.9	7.20	0.32	0.95	21.9	0.989	2.1	501.6	270	2295.1
St Dev	7.18	66.31	0.15	0.31	2.79	2.41	226.37	0.02	77.11	0.68	0.02	0.07	1.08	0.03	0.09	11.18	22.53	63.77
Coef Var	1.612	1.724	1.186	5.097	0.647	1.160	0.745	0.675	1.068	0.947	0.631	0.605	1.183	1.494	0.723	3.468	0.575	0.654
Log Mean	0.465	1.418	-1.008	-1.370	0.525	0.190	2.376	-1.530	1.779	-0.296	-1.516	-0.987	-0.253	-1.845	-0.945	0.231	1.512	1.933
Geo Mean	2.92	26.20	0.10	0.04	3.35	1.55	237.6	0.03	60.16	0.51	0.03	0.10	0.56	0.01	0.11	1.70	32.5	85.69
Log StDv	0.361	0.337	0.275	0.296	0.344	0.305	0.321	0.222	0.224	0.374	0.217	0.261	0.442	0.343	0.151	0.424	0.292	0.225
Log CVar	0.776	0.238	-0.273	-0.216	0.656	1.615	0.135	-0.145	0.126	-1.263	-0.143	-0.265	-1.748	-0.186	-0.160	1.837	0.193	0.117
Percntls																		
Minimum	0.20	0.5	0.006	0.01	0.1	0.1	2	0.005	8.1	0.01	0.02	0.02	0.1	0.001	0.1	0.1	2	3.9
10th	1.12	10.9	0.052	0.02	1.1	0.7	94	0.014	34.6	0.18	0.02	0.04	0.1	0.005	0.1	0.5	14	46.0
20th	1.50	14.7	0.065	0.02	1.8	0.9	133	0.019	41.5	0.26	0.02	0.06	0.2	0.007	0.1	0.7	20	58.3
30th	1.85	17.8	0.076	0.03	2.5	1.1	168	0.024	47.5	0.32	0.02	0.08	0.3	0.009	0.1	1.0	26	68.8
40th	2.23	21.1	0.083	0.04	3.2	1.3	206	0.029	52.1	0.40	0.02	0.10	0.4	0.012	0.1	1.2	31	79.1
50th	2.76	25.2	0.091	0.05	3.9	1.4	250	0.033	57.5	0.50	0.02	0.11	0.6	0.014	0.1	1.6	36	89.2
60th	3.33	29.6	0.102	0.05	4.6	1.7	300	0.037	63.0	0.62	0.04	0.12	0.8	0.018	0.1	2.0	41	100.1
70th	4.21	35.2	0.114	0.06	5.3	2.0	360	0.041	70.1	0.78	0.04	0.14	1.0	0.022	0.1	2.6	47	112.6
80th	5.51	44.7	0.133	0.07	6.5	2.5	440	0.046	81.5	1.06	0.04	0.16	1.4	0.028	0.1	3.7	55	127.2
85th	6.63	52.2	0.154	0.08	7.1	3.0	490	0.049	90.0	1.28	0.06	0.18	1.6	0.033	0.1	4.5	60	137.7
90th	8.29	66.6	0.194	0.09	8.0	3.9	560	0.052	102.8	1.63	0.06	0.21	2.0	0.039	0.2	5.8	68	155.4
95th	12.23	101.0	0.314	0.11	9.5	5.4	708	0.056	141.5	2.14	0.08	0.26	2.8	0.051	0.2	9.2	80	182.8
98th	20.62	160.0	0.980	0.14	11.7	8.4	920	0.062	269.5	2.76	0.10	0.30	3.8	0.067	0.4	15.4	96	219.6
99th	31.66	258.5	0.980	0.17	13.0	12.5	1144	0.068	414.1	3.30	0.10	0.36	4.7	0.082	0.5	26.3	108	255.6
Maximum	155.20	1427.0	1.381	10.00	17.8	39.3	2566	0.980	1687.0	7.21	0.34	0.97	22.0	0.990	2.2	501.7	272	2299.0

Summary Statistics - Lake Sites

	LAKE SEDIMENT																	
Variable	Sb	As	Ba	Br	Ce	Cs	Cr	Co	Eu	Au	Hf	Fe	La	Lu	Mo	Rb	Sm	Sc
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
D.L.	0.1	0.5	50	0.5	5	0.5	20	5	1	2	1	0.2	2	0.2	1	5	0.1	0.2
Anal Mth	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
N	3001	3001	3001	3001	3001	3001	3001	3001	2589	3001	3001	3001	3001	3001	2714	3001	3001	3001
N > DL	2984	2992	2977	2997	2830	2525	2536	2340	703	1289	1538	2982	2887	1605	2064	2426	2983	2999
Missing	168	168	168	168	168	168	168	168	580	168	168	168	168	168	455	168	168	168
Mean	1.15	8.26	397.0	43.30	31.2	1.83	67.0	10.1	1.3	3.3	1.8	2.63	16.7	0.33	5.3	20.5	3.79	11.44
Median	0.90	5.90	350.0	39.00	29.0	1.40	48.0	9.0	1.0	2.0	2.0	2.20	15.0	0.30	3.0	16.0	3.50	11.00
Mode	0.90	11.00	280.0	34.00	5.0	0.50	20.0	5.0	1.0	2.0	1.0	1.70	15.0	0.20	1.0	5.0	3.40	10.00
Range	22.1	315.5	2350	263.5	245	21.5	810	76	8	51	5	29.7	148	1.7	198	105	38.5	33.8
St Dev	1.05	11.92	236.58	26.07	20.46	1.58	63.11	5.61	0.58	2.41	1.02	2.19	11.58	0.18	9.30	15.19	2.60	5.55
Coef Var	0.911	1.443	0.596	0.602	0.656	0.864	0.942	0.558	0.437	0.734	0.555	0.830	0.695	0.555	1.763	0.740	0.685	0.485
Log Mean	-0.027	0.777	2.517	1.543	1.399	0.148	1.706	0.951	0.089	0.455	0.207	0.320	1.121	-0.531	0.504	1.193	0.476	0.991
Geo Mean	0.94	5.99	328.7	34.90	25.1	1.41	50.8	8.9	1.2	2.9	1.6	2.09	13.2	0.29	3.2	15.6	2.99	9.80
Log StDv	0.265	0.319	0.282	0.319	0.306	0.309	0.308	0.204	0.151	0.208	0.221	0.303	0.316	0.191	0.395	0.333	0.335	0.274
Log CVar	-9.799	0.410	0.112	0.207	0.219	2.101	0.181	0.215	1.694	0.457	1.067	0.949	0.282	-0.359	0.786	0.279	0.704	0.276
Percntls																		
Minimum	0.1	0.5	50	0.5	5	0.5	20	5	1	2	1	0.2	2	0.2	1	5	0.1	0.2
10th	0.5	2.5	140	14.0	9	0.5	20	5	1	2	1	0.8	5	0.2	1	5	1.1	4.5
20th	0.6	3.4	190	20.0	14	0.7	24	5	1	2	1	1.3	8	0.2	1	6	1.8	6.5
30th	0.7	4.2	240	27.0	19	1.0	31	6	1	2	1	1.6	10	0.2	2	10	2.4	8.1
40th	0.8	5.0	290	34.0	24	1.1	39	7	1	2	1	1.9	13	0.2	2	14	2.9	10.0
50th	0.9	5.9	350	39.0	29	1.4	48	9	1	2	2	2.2	15	0.3	3	16	3.5	11.0
60th	1.0	6.9	410	46.0	33	1.8	60	10	1	3	2	2.6	17	0.3	4	21	4.0	13.0
70th	1.2	8.2	480	53.1	37	2.0	76	11	1	4	2	3.0	20	0.4	5	26	4.5	14.0
80th	1.5	10.0	590	64.3	44	2.6	97	14	2	4	3	3.6	23	0.4	7	32	5.2	16.0
85th	1.6	12.0	650	70.3	48	3.0	110	15	2	5	3	3.9	25	0.5	8	36	5.8	17.0
90th	1.9	14.0	730	78.4	55	3.4	140	17	2	6	3	4.5	30	0.6	10	41	6.7	19.0
95th	2.6	20.0	850	90.7	67	4.5	170	20	2	7	4	5.7	37	0.7	16	49	8.2	21.1
98th	3.6	30.0	970	102.0	85	6.3	220	25	3	9	4	7.4	48	0.9	26	61	10.1	23.8
99th	4.6	48.0	1100	115.0	98	8.0	270	28	3	11	5	10.0	59	1.0	37	68	12.0	26.3
Maximum	22.2	316.0	2400	264.0	250	22.0	830	81	9	53	6	29.9	150	1.9	199	110	38.6	34.0

Summary Statistics - Lake Sites

	LAKE SEDIMENT									WATER		
Variable	Na	Ta	Tb	Th	W	U	Yb	F	LOI	FW	CND	PH
Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	uS	
D.L.	0.02	0.5	0.5	0.2	1	0.2	2	10	0.1	10	1	0.1
Anal Mth	INAA	INAA	INAA	INAA	INAA	INAA	INAA	ION	GRAV	ION	ISE	ISE
N	3001	3001	3001	3001	3001	3001	3001	2909	3146	3169	2101	3169
N > DL	2998	303	1260	2968	136	2984	991	2905	3146	3100	2101	3169
Missing	168	168	168	168	168	168	168	260	23	0	1068	0
Mean	0.57	0.52	0.65	3.08	1.1	3.78	2.6	194.6	46.74	55.9	99.2	7.51
Median	0.41	0.50	0.50	2.70	1.0	2.10	2.0	180.0	46.30	46.0	80.0	7.50
Mode	1.20	0.50	0.50	1.90	1.0	0.50	2.0	180.0	43.90	40.0	10.0	7.30
Range	2.82	2.6	4.5	31.6	3	501.8	12	1240	99.4	1590	2587	5.3
St Dev	0.49	0.11	0.29	2.38	0.27	11.43	1.03	90.96	17.95	46.55	98.69	0.57
Coef Var	0.867	0.204	0.443	0.771	0.253	3.021	0.404	0.467	0.384	0.833	0.995	0.075
Log Mean	-0.401	-0.285	-0.212	0.380	0.015	0.345	0.383	2.239	1.627	1.673	1.838	0.874
Geo Mean	0.40	0.52	0.61	2.40	1.0	2.22	2.4	173.3	42.40	47.1	68.8	7.48
Log StDv	0.384	0.058	0.136	0.325	0.071	0.391	0.132	0.222	0.214	0.244	0.407	0.033
Log CVar	-0.961	-0.203	-0.644	0.856	4.765	1.134	0.346	0.990	0.132	0.146	0.221	0.038
Percntls												
Minimum	0.02	0.5	0.5	0.2	1	0.2	2	10	0.5	10	3	4.5
10th	0.12	0.5	0.5	0.9	1	0.7	2	90	23.5	25	14	6.9
20th	0.19	0.5	0.5	1.4	1	1.1	2	120	31.3	31	38	7.1
30th	0.25	0.5	0.5	1.8	1	1.5	2	140	37.1	36	50	7.3
40th	0.32	0.5	0.5	2.2	1	1.8	2	160	41.8	40	63	7.4
50th	0.41	0.5	0.5	2.7	1	2.1	2	180	46.3	46	80	7.5
60th	0.50	0.5	0.6	3.1	1	2.5	2	210	50.8	51	95	7.6
70th	0.65	0.5	0.7	3.6	1	3.2	3	230	56.2	60	119	7.8
80th	0.89	0.5	0.8	4.2	1	4.3	3	270	62.1	72	150	7.9
85th	1.10	0.5	0.9	4.7	1	5.2	3	290	66.1	84	168	8.0
90th	1.30	0.6	1.0	5.6	1	6.6	4	310	71.5	100	200	8.2
95th	1.70	0.7	1.2	7.2	1	10.0	4	350	77.4	120	250	8.4
98th	2.01	0.8	1.5	9.4	2	18.0	6	400	82.6	157	310	8.7
99th	2.21	1.0	1.8	12.0	2	29.6	7	440	86.4	200	361	8.9
Maximum	2.84	3.1	5.0	31.8	4	502.0	14	1250	99.9	1600	2590	9.8

Summary Statistics - Stream Sites

	STREAM SEDIMENT																	
Variable	Al	Sb	As	Ba	Bi	Cd	Ca	Cr	Co	Cu	Ga	Au	Fe	La	Pb	Mg	Mn	Hg
Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb	%	ppm	ppm	%	ppm	ppb
D.L.	0.01	0.02	0.1	0.5	0.02	0.01	0.01	0.5	0.1	0.01	0.1	0.2	0.01	0.5	0.01	0.01	1	5
Anal Mth	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS
N	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	1323	2187	2187	2187	2187	2187	2187
N > DL	2187	2187	2183	2187	2148	2185	2187	2187	2187	2187	2187	1283	2187	2186	2187	2187	2187	2180
Missing	88	88	88	88	88	88	88	88	88	88	88	952	88	88	88	88	88	88
Mean	1.34	0.37	6.98	177.90	0.10	0.37	0.73	44.35	11.49	29.48	4.00	3.67	2.57	13.47	6.18	0.64	1076.4	93.0
Median	1.28	0.28	4.90	153.20	0.08	0.25	0.63	31.00	10.60	23.23	4.00	1.90	2.57	11.30	5.60	0.53	716.0	48.0
Mode	1.31	0.16	2.30	127.60	0.06	0.14	0.58	29.40	8.90	18.99	4.10	1.10	2.41	7.50	5.54	0.41	328.0	35.0
Range	3.89	18.55	308.2	1424.0	2.11	14.56	8.35	1024.2	84.7	1015.30	9.8	99.8	12.88	194.2	94.59	13.10	30415	15535
St Dev	0.51	0.58	12.53	109.31	0.10	0.51	0.48	58.92	6.48	31.50	1.29	7.56	1.00	9.56	4.35	0.64	1510.85	421.71
Coef Var	0.380	1.569	1.794	0.614	1.070	1.382	0.660	1.328	0.564	1.069	0.323	2.060	0.389	0.710	0.704	0.995	1.404	4.533
Log Mean	0.092	-0.544	0.675	2.186	-1.104	-0.588	-0.193	1.523	1.007	1.375	0.572	0.292	0.374	1.063	0.740	-0.267	2.860	1.723
Geo Mean	1.24	0.29	4.73	153.57	0.08	0.26	0.64	33.33	10.17	23.71	3.73	1.96	2.37	11.57	5.50	0.54	723.7	52.8
Log StDv	0.185	0.276	0.358	0.233	0.245	0.344	0.203	0.284	0.220	0.274	0.185	0.451	0.192	0.235	0.201	0.225	0.366	0.377
Log CVar	2.033	-0.508	0.530	0.107	-0.222	-0.584	-1.052	0.187	0.219	0.199	0.325	1.545	0.514	0.222	0.272	-0.846	0.128	0.219
Percntls																		
Minimum	0.06	0.03	0.1	23.1	0.02	0.01	0.07	3.1	0.7	1.70	0.2	0.2	0.10	0.5	0.64	0.04	17	5
10th	0.78	0.14	1.7	77.5	0.04	0.10	0.39	16.7	5.7	10.93	2.5	0.5	1.41	6.5	3.05	0.32	260	20
20th	0.93	0.17	2.6	97.4	0.05	0.13	0.45	21.0	7.4	14.26	3.1	0.8	1.85	7.9	3.84	0.38	386	26
30th	1.06	0.21	3.3	117.3	0.06	0.17	0.51	24.4	8.6	17.07	3.4	1.2	2.15	9.0	4.44	0.43	504	33
40th	1.17	0.24	4.1	134.6	0.07	0.20	0.57	27.7	9.6	19.86	3.6	1.5	2.37	10.0	5.06	0.48	616	39
50th	1.28	0.28	4.9	153.2	0.08	0.25	0.63	31.0	10.6	23.23	4.0	1.9	2.57	11.3	5.60	0.53	716	48
60th	1.38	0.32	5.8	174.8	0.08	0.31	0.69	35.4	11.6	27.24	4.2	2.5	2.74	12.8	6.22	0.59	838	59
70th	1.52	0.38	7.0	201.3	0.10	0.37	0.76	41.0	12.7	31.94	4.5	3.2	2.94	14.6	6.91	0.65	1020	78
80th	1.69	0.45	8.4	238.7	0.11	0.48	0.87	49.6	14.3	39.06	4.9	4.4	3.20	17.1	7.85	0.75	1307	105
85th	1.80	0.51	9.6	262.4	0.13	0.56	0.95	58.1	15.4	45.23	5.2	5.1	3.37	19.4	8.46	0.82	1548	127
90th	1.98	0.60	11.7	296.7	0.15	0.71	1.11	71.7	16.8	53.48	5.5	7.0	3.64	22.3	9.35	0.91	2004	164
95th	2.26	0.79	17.2	369.2	0.20	0.97	1.50	103.7	20.4	67.01	6.2	10.8	4.05	27.7	10.80	1.19	3127	233
98th	2.65	1.21	27.4	474.5	0.31	1.55	2.06	203.7	27.5	93.26	6.9	18.9	4.63	36.4	13.64	1.95	5119	355
99th	2.94	1.69	46.0	610.2	0.44	2.02	2.55	318.1	34.9	106.93	7.6	29.6	5.21	46.0	15.94	2.96	6991	530
Maximum	3.95	18.58	308.3	1447.1	2.13	14.57	8.42	1027.3	85.4	1017.00	10.0	100.0	12.98	194.7	95.23	13.14	30432	15540

Summary Statistics - Stream Sites

	STREAM SEDIMENT																	
Variable	Mo	Ni	P	K	Sc	Se	Ag	Na	Sr	S	Te	Tl	Th	Ti	W	U	V	Zn
Units	ppm	ppm	%	%	ppm	ppm	ppb	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
D.L.	0.01	0.1	.001	0.01	0.1	0.1	2	.001	0.5	0.01	0.02	0.02	0.1	.001	0.1	0.1	2	0.1
Anal Mth	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS
N	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187	2187
N > DL	2187	2187	2187	2180	2187	1902	2187	2187	2187	1749	561	2165	2139	2187	342	2183	2186	2187
Missing	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
Mean	1.79	44.06	0.12	0.07	4.54	0.69	145.0	0.02	52.49	0.07	0.02	0.09	1.51	0.06	0.18	2.10	55.5	67.41
Median	0.89	23.20	0.09	0.06	4.30	0.40	101.0	0.01	45.40	0.03	0.02	0.08	1.20	0.05	0.10	0.90	54.0	63.10
Mode	0.60	13.90	0.07	0.05	4.30	0.20	60.0	0.01	33.50	0.01	0.02	0.06	0.90	0.04	0.10	0.40	46.0	45.90
Range	189.29	1538.3	0.977	0.45	34.2	17.4	3548	0.102	461.4	1.48	0.21	0.69	14.2	0.988	8.8	283.2	217	377.6
St Dev	6.62	93.58	0.13	0.04	1.91	1.05	157.03	0.01	30.35	0.12	0.01	0.06	1.36	0.08	0.44	7.01	21.90	31.75
Coef Var	3.693	2.124	1.148	0.560	0.420	1.514	1.083	0.612	0.578	1.670	0.473	0.619	0.901	1.306	2.477	3.329	0.395	0.471
Log Mean	0.001	1.416	-1.016	-1.201	0.617	-0.365	2.031	-1.857	1.663	-1.431	-1.629	-1.093	0.054	-1.359	-0.910	0.049	1.706	1.786
Geo Mean	1.00	26.07	0.10	0.06	4.14	0.43	107.3	0.01	46.02	0.04	0.02	0.08	1.13	0.04	0.12	1.12	50.8	61.12
Log StDv	0.366	0.362	0.213	0.212	0.198	0.397	0.322	0.228	0.224	0.445	0.135	0.220	0.339	0.322	0.250	0.406	0.202	0.197
Log CVar	365.711	0.256	-0.210	-0.177	0.322	-1.087	0.159	-0.123	0.135	-0.311	-0.083	-0.201	6.281	-0.237	-0.274	8.451	0.118	0.110
Percntls																		
Minimum	0.10	1.4	0.013	0.01	0.3	0.1	13	0.002	0.8	0.01	0.02	0.02	0.1	0.002	0.1	0.1	2	4.1
10th	0.40	10.9	0.060	0.04	2.5	0.1	44	0.007	26.4	0.01	0.02	0.04	0.5	0.016	0.1	0.4	30	35.8
20th	0.53	14.6	0.069	0.04	3.1	0.2	57	0.009	31.8	0.01	0.02	0.05	0.7	0.027	0.1	0.5	39	44.7
30th	0.63	17.5	0.077	0.05	3.6	0.3	71	0.010	35.9	0.02	0.02	0.06	0.8	0.035	0.1	0.6	45	50.9
40th	0.75	20.0	0.084	0.06	4.0	0.3	84	0.012	40.7	0.03	0.02	0.07	1.0	0.042	0.1	0.8	50	57.3
50th	0.89	23.2	0.091	0.06	4.3	0.4	101	0.013	45.4	0.03	0.02	0.08	1.2	0.049	0.1	0.9	54	63.1
60th	1.09	26.6	0.101	0.07	4.7	0.5	122	0.015	51.0	0.04	0.02	0.09	1.4	0.056	0.1	1.2	59	69.0
70th	1.32	31.9	0.111	0.08	5.2	0.7	153	0.017	58.0	0.06	0.02	0.10	1.6	0.065	0.1	1.5	64	76.1
80th	1.78	41.9	0.124	0.09	5.8	0.9	198	0.021	68.0	0.08	0.03	0.12	2.0	0.075	0.1	2.2	70	86.5
85th	2.26	51.6	0.135	0.10	6.2	1.1	236	0.025	74.5	0.10	0.03	0.13	2.3	0.081	0.2	2.9	74	92.2
90th	3.04	71.0	0.150	0.12	6.7	1.4	290	0.029	86.7	0.15	0.04	0.15	2.6	0.090	0.2	4.0	79	100.7
95th	4.40	140.5	0.178	0.14	7.7	2.0	398	0.037	107.9	0.30	0.05	0.18	3.9	0.110	0.4	6.7	89	115.8
98th	7.94	275.0	0.980	0.18	9.0	3.5	532	0.044	138.1	0.49	0.06	0.26	6.0	0.134	1.0	12.1	112	150.8
99th	12.70	421.6	0.990	0.21	9.7	5.0	640	0.050	155.6	0.61	0.07	0.32	7.3	0.176	1.4	20.1	123	180.5
Maximum	189.39	1539.7	0.990	0.46	34.5	17.5	3561	0.104	462.2	1.49	0.23	0.71	14.3	0.990	8.9	283.3	219	381.7

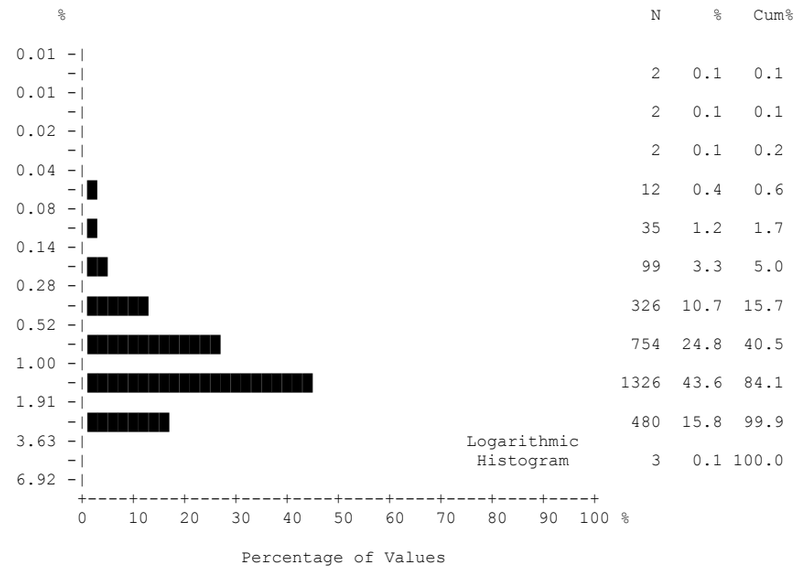
Summary Statistics - Stream Sites

	STREAM SEDIMENT																	
Variable	Sb	As	Ba	Br	Ce	Cs	Cr	Co	Eu	Au	Hf	Fe	La	Lu	Mo	Rb	Sm	Sc
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
D.L.	0.1	0.5	50	0.5	5	0.5	20	5	1	2	1	0.2	2	0.2	1	5	0.1	0.2
Anal Mth	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
N	1727	1727	1727	1727	1727	1727	1727	1727	891	1727	1727	1727	1727	1727	974	1727	1727	1727
N > DL	1725	1723	1727	1692	1723	1706	1719	1653	656	889	1661	1723	1721	1297	185	1705	1727	1727
Missing	548	548	548	548	548	548	548	548	1384	548	548	548	548	548	1301	548	548	548
Mean	1.16	10.03	916.9	7.25	51.5	2.68	212.5	17.1	2.0	8.2	5.5	4.31	26.4	0.40	1.7	48.0	5.34	16.77
Median	1.00	7.20	880.0	4.90	46.0	2.10	130.0	16.0	2.0	3.0	4.0	4.20	23.0	0.30	1.0	46.0	4.90	16.00
Mode	0.90	10.00	1100.0	11.00	42.0	2.00	110.0	16.0	2.0	2.0	4.0	4.30	20.0	0.30	1.0	44.0	4.80	17.00
Range	20.6	372.5	7932	93.4	1005	33.5	6290	125	11	758	107	45.6	496	6.0	61	435	68.7	72.5
St Dev	0.98	15.59	399.12	8.04	38.74	2.13	335.81	9.69	0.83	26.56	5.87	1.90	20.24	0.27	3.09	25.64	3.03	6.30
Coef Var	0.841	1.554	0.435	1.110	0.753	0.794	1.580	0.566	0.425	3.241	1.073	0.440	0.766	0.679	1.786	0.534	0.569	0.376
Log Mean	-0.002	0.859	2.928	0.687	1.662	0.352	2.152	1.183	0.258	0.601	0.647	0.600	1.366	-0.453	0.105	1.629	0.686	1.192
Geo Mean	1.00	7.22	847.2	4.86	45.9	2.25	141.8	15.2	1.8	4.0	4.4	3.98	23.2	0.35	1.3	42.5	4.86	15.55
Log StDv	0.227	0.321	0.181	0.391	0.196	0.240	0.345	0.206	0.175	0.399	0.258	0.186	0.212	0.194	0.251	0.229	0.192	0.184
Log CVar	-226.687	0.374	0.062	0.569	0.118	0.681	0.160	0.174	0.679	0.664	0.399	0.311	0.155	-0.429	2.415	0.141	0.280	0.155
Percntls																		
Minimum	0.1	0.5	58	0.5	5	0.5	20	5	1	2	1	0.2	2	0.2	1	5	0.2	0.5
10th	0.6	2.9	550	1.6	29	1.2	59	9	1	2	2	2.5	14	0.2	1	24	3.3	10.0
20th	0.7	4.1	660	2.4	34	1.5	76	11	1	2	3	3.2	17	0.2	1	32	3.8	12.0
30th	0.8	5.2	740	3.2	39	1.7	92	13	2	2	4	3.5	19	0.3	1	37	4.2	13.0
40th	0.9	6.3	820	4.0	42	2.0	110	14	2	2	4	3.8	21	0.3	1	42	4.6	15.0
50th	1.0	7.2	880	4.9	46	2.1	130	16	2	3	4	4.2	23	0.3	1	46	4.9	16.0
60th	1.1	8.4	940	6.2	49	2.4	160	17	2	4	5	4.4	25	0.4	1	50	5.2	17.0
70th	1.2	10.0	1000	7.6	54	2.8	190	19	2	5	5	4.9	27	0.4	1	55	5.7	19.0
80th	1.4	12.0	1100	10.0	62	3.3	250	21	2	8	6	5.4	32	0.5	1	60	6.3	20.9
85th	1.6	14.0	1200	12.0	66	3.7	300	23	3	11	7	5.7	35	0.6	2	65	6.7	22.2
90th	1.8	17.0	1300	15.0	75	4.4	360	26	3	15	9	6.1	40	0.6	3	71	7.4	24.2
95th	2.2	23.0	1500	21.0	92	5.9	550	32	3	24	12	7.0	48	0.7	5	82	8.9	27.8
98th	3.2	38.0	1700	28.0	120	8.8	1130	41	4	51	17	8.3	65	0.9	9	100	12.2	32.4
99th	4.2	64.7	1800	41.0	160	12.0	1510	52	4	98	24	9.1	98	1.1	11	120	14.9	35.5
Maximum	20.7	373.0	7990	93.9	1010	34.0	6310	130	12	760	108	45.8	498	6.2	62	440	68.9	73.0

Summary Statistics - Stream Sites

	STREAM SEDIMENT									WATER		
Variable	Na	Ta	Tb	Th	W	U	Yb	F	LOI	FW	CND	PH
Units	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppb	uS	
D.L.	0.02	0.5	0.5	0.2	1	0.2	2	10	0.1	10	1	0.1
Anal Mth	INAA	INAA	INAA	INAA	INAA	INAA	INAA	ION	GRAV	ION	ISE	ISE
N	1727	1727	1727	1727	1727	1727	1727	1125	1464	2132	904	2132
N > DL	1727	1093	1403	1726	727	1725	810	1125	1464	2039	904	2132
Missing	548	548	548	548	548	548	548	1150	811	143	1371	143
Mean	2.02	0.83	0.85	5.65	1.6	4.56	2.7	274.8	13.35	48.3	156.9	7.33
Median	2.08	0.60	0.80	4.20	1.0	2.70	2.0	270.0	8.70	40.0	125.0	7.40
Mode	1.90	0.50	0.50	3.50	1.0	2.20	2.0	230.0	4.00	40.0	90.0	7.50
Range	13.06	13.5	5.4	172.8	27	297.8	26	1160	91.3	1140	1682	5.2
St Dev	0.78	0.75	0.40	6.97	1.36	9.23	1.38	85.49	14.65	48.17	123.31	0.60
Coef Var	0.388	0.898	0.463	1.234	0.855	2.021	0.511	0.311	1.097	0.998	0.786	0.082
Log Mean	0.265	-0.144	-0.980	0.657	0.144	0.498	0.406	2.419	0.967	1.601	2.104	0.864
Geo Mean	1.84	0.72	0.80	4.54	1.4	3.15	2.5	262.2	9.26	39.9	127.1	7.31
Log StDv	0.224	0.196	0.151	0.252	0.191	0.306	0.135	0.136	0.351	0.248	0.285	0.038
Log CVar	0.848	-1.372	-1.543	0.384	1.328	0.616	0.331	0.056	0.363	0.155	0.135	0.044
Percntls												
Minimum	0.04	0.5	0.5	0.2	1	0.2	2	60	0.3	10	2	3.7
10th	1.20	0.5	0.5	2.6	1	1.7	2	180	3.7	20	60	6.6
20th	1.50	0.5	0.6	3.2	1	2.0	2	210	4.7	28	77	6.9
30th	1.80	0.5	0.7	3.5	1	2.2	2	230	6.0	30	93	7.1
40th	1.90	0.6	0.7	3.9	1	2.4	2	250	7.3	36	110	7.3
50th	2.08	0.6	0.8	4.2	1	2.7	2	270	8.7	40	125	7.4
60th	2.20	0.7	0.9	4.7	2	3.0	3	290	10.4	42	148	7.5
70th	2.31	0.8	0.9	5.3	2	3.6	3	310	12.5	50	174	7.6
80th	2.47	0.9	1.0	6.2	2	4.7	3	340	16.6	60	211	7.8
85th	2.52	1.0	1.1	6.9	2	5.7	3	350	20.1	66	243	7.9
90th	2.70	1.2	1.2	8.5	2	7.8	4	380	27.2	80	286	8.0
95th	3.00	1.7	1.4	13.0	2	13.0	4	420	44.3	100	370	8.2
98th	3.40	2.8	1.8	22.2	4	24.6	5	470	71.4	150	461	8.3
99th	3.60	4.1	2.2	30.9	6	34.6	7	500	79.4	220	566	8.4
Maximum	13.10	14.0	5.9	173.0	28	298.0	28	1220	91.6	1150	1684	8.9

Summary Statistics - Lake Sites



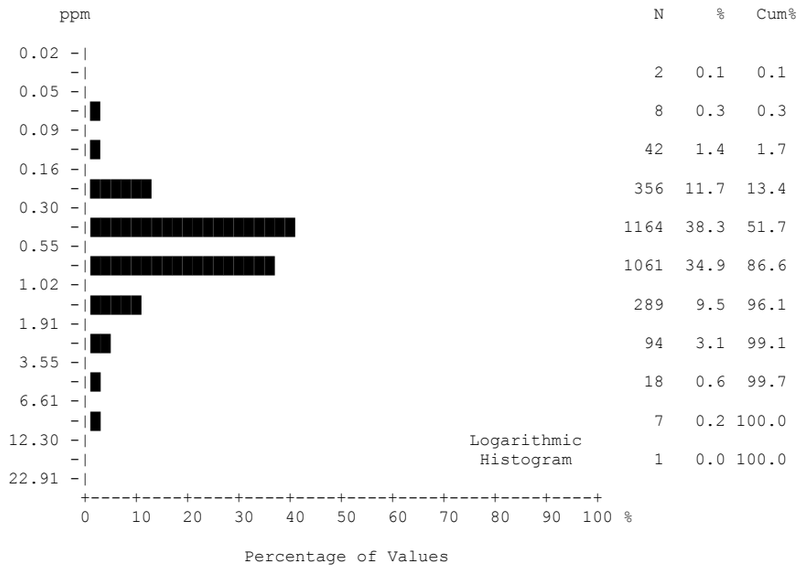
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3040	671	442	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	1.22	1.11	1.14	1.39	1.31	1.16	1.35	1.07	1.35	1.57	1.07	1.54	1.55	1.15	0.75
Median	1.15	1.02	1.10	1.34	1.30	1.06	1.18	0.98	1.32	1.60	0.99	1.50	1.47	1.15	0.57
Mode	1.00	0.40	1.21	1.45	1.32	0.60	0.80	0.37	1.32	1.47	0.96	1.55	1.15	0.37	0.53
Range	6.99	4.08	3.30	3.98	3.82	3.07	6.89	3.14	2.89	3.31	2.98	2.64	1.93	1.73	1.69
St Dev	0.67	0.66	0.64	0.71	0.62	0.65	0.83	0.68	0.66	0.72	0.56	0.60	0.54	0.52	0.48
Coef Var	0.548	0.591	0.562	0.511	0.476	0.563	0.612	0.635	0.487	0.458	0.523	0.388	0.348	0.454	0.635
Log Mean	0.004	-0.050	-0.044	0.073	0.058	-0.026	0.057	-0.082	0.070	0.135	-0.027	0.152	0.163	0.007	-0.191
Geo Mean	1.01	0.89	0.90	1.18	1.14	0.94	1.14	0.83	1.18	1.36	0.94	1.42	1.46	1.02	0.64
Log StDv	0.308	0.327	0.348	0.273	0.241	0.311	0.275	0.355	0.249	0.258	0.226	0.191	0.162	0.232	0.235
Log CVar	102.567	-6.550	-7.909	3.737	4.156	-12.458	4.818	-4.386	3.561	1.929	-8.696	1.255	0.996	33.113	-1.236
Percntls															
Minimum	0.01	0.02	0.04	0.12	0.11	0.05	0.11	0.03	0.16	0.16	0.28	0.32	0.66	0.37	0.27
10th	0.41	0.36	0.29	0.48	0.53	0.33	0.60	0.27	0.54	0.55	0.39	0.88	0.84	0.37	0.29
20th	0.62	0.51	0.51	0.72	0.72	0.55	0.79	0.44	0.70	0.80	0.63	1.00	1.03	0.69	0.41
30th	0.81	0.67	0.74	1.00	0.91	0.76	0.90	0.56	0.92	1.05	0.77	1.12	1.15	0.75	0.52
40th	0.98	0.86	0.96	1.15	1.10	0.91	1.06	0.77	1.16	1.35	0.85	1.37	1.35	0.89	0.53
50th	1.15	1.02	1.10	1.34	1.30	1.06	1.18	0.98	1.32	1.60	0.99	1.50	1.47	1.15	0.57
60th	1.33	1.17	1.30	1.48	1.40	1.22	1.40	1.12	1.39	1.84	1.09	1.55	1.63	1.38	0.59
70th	1.54	1.38	1.49	1.73	1.60	1.50	1.62	1.39	1.70	1.98	1.23	1.79	1.90	1.43	0.65
80th	1.79	1.65	1.71	2.00	1.79	1.74	1.92	1.63	1.94	2.18	1.40	2.01	1.96	1.54	0.96
85th	1.94	1.80	1.81	2.16	1.91	1.85	2.09	1.88	2.03	2.26	1.52	2.21	2.16	1.73	1.17
90th	2.14	2.04	1.99	2.36	2.09	2.11	2.22	1.96	2.21	2.30	1.56	2.48	2.33	1.84	1.68
95th	2.42	2.29	2.21	2.68	2.40	2.31	2.41	2.14	2.60	2.51	1.91	2.53	2.40	1.96	1.76
98th	2.74	2.68	2.56	2.87	2.81	2.52	2.87	2.80	2.65	2.81	3.00	2.70	2.52	2.10	1.96
99th	2.97	2.93	2.72	3.03	2.92	2.80	3.34	2.97	2.85	3.37	3.00	2.70	2.59	2.10	1.96
Maximum	7.00	4.10	3.34	4.10	3.93	3.12	7.00	3.17	3.05	3.47	3.26	2.96	2.59	2.10	1.96

Aluminum (Al)
Lake Sediment

number of values : 3042
units : %
detection limit : 0.01
analytical method : ICPMS

Aluminum by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	0.69	0.74	0.54	0.83	0.82	0.82	0.43	0.58	0.92	0.55	0.58	0.75	0.52	0.51	0.66
Median	0.54	0.58	0.42	0.64	0.76	0.61	0.40	0.51	0.62	0.52	0.50	0.46	0.36	0.48	0.50
Mode	0.42	0.58	0.34	0.40	0.66	0.58	0.30	0.52	0.48	0.40	0.58	0.29	0.28	0.64	0.42
Range	18.20	18.20	8.82	6.92	8.25	3.71	1.14	3.52	5.38	1.06	2.06	10.05	3.56	0.74	3.38
St Dev	0.74	0.90	0.65	0.76	0.61	0.67	0.20	0.40	0.85	0.22	0.32	1.37	0.59	0.21	0.69
Coef Var	1.065	1.214	1.199	0.912	0.743	0.819	0.452	0.684	0.929	0.406	0.550	1.829	1.138	0.405	1.049
Log Mean	-0.260	-0.227	-0.364	-0.189	-0.147	-0.211	-0.403	-0.296	-0.151	-0.298	-0.287	-0.291	-0.371	-0.332	-0.267
Geo Mean	0.55	0.59	0.43	0.65	0.71	0.62	0.40	0.51	0.71	0.50	0.52	0.51	0.43	0.47	0.54
Log StDv	0.276	0.264	0.263	0.294	0.228	0.329	0.183	0.217	0.294	0.186	0.197	0.303	0.224	0.197	0.227
Log CVar	-1.060	-1.165	-0.724	-1.565	-1.552	-1.568	-0.453	-0.733	-1.950	-0.628	-0.687	-1.040	-0.605	-0.594	-0.854
Percntls															
Minimum	0.04	0.04	0.06	0.10	0.18	0.08	0.14	0.10	0.10	0.18	0.16	0.14	0.20	0.16	0.30
10th	0.26	0.30	0.22	0.28	0.34	0.24	0.24	0.29	0.36	0.28	0.30	0.22	0.28	0.18	0.30
20th	0.34	0.38	0.28	0.36	0.44	0.34	0.28	0.34	0.44	0.34	0.34	0.29	0.28	0.34	0.34
30th	0.40	0.44	0.32	0.46	0.56	0.43	0.30	0.44	0.49	0.40	0.43	0.34	0.32	0.36	0.42
40th	0.46	0.50	0.36	0.52	0.66	0.54	0.36	0.47	0.54	0.48	0.46	0.43	0.36	0.42	0.46
50th	0.54	0.58	0.42	0.64	0.76	0.61	0.40	0.51	0.62	0.52	0.50	0.46	0.36	0.48	0.50
60th	0.60	0.64	0.50	0.76	0.85	0.70	0.44	0.53	0.72	0.58	0.56	0.57	0.40	0.52	0.52
70th	0.71	0.74	0.56	0.88	0.95	0.84	0.50	0.58	0.79	0.62	0.61	0.66	0.50	0.64	0.58
80th	0.86	0.90	0.64	1.08	1.04	1.13	0.56	0.71	1.13	0.72	0.72	0.72	0.54	0.64	0.66
85th	0.98	1.02	0.70	1.28	1.16	1.42	0.60	0.77	1.48	0.76	0.80	0.78	0.62	0.74	0.66
90th	1.16	1.20	0.80	1.49	1.26	1.72	0.66	0.88	1.94	0.84	0.86	1.06	0.66	0.78	0.84
95th	1.66	1.82	1.10	2.10	1.58	2.23	0.72	1.06	2.72	0.92	0.97	1.45	0.78	0.88	0.94
98th	2.44	2.56	1.84	2.78	1.80	2.78	1.08	1.41	2.84	1.08	1.67	2.01	0.90	0.90	3.68
99th	3.19	3.58	2.40	3.40	1.92	3.13	1.14	2.14	4.47	1.10	1.67	2.01	3.76	0.90	3.68
Maximum	18.24	18.24	8.88	7.02	8.43	3.79	1.28	3.62	5.48	1.24	2.22	10.19	3.76	0.90	3.68

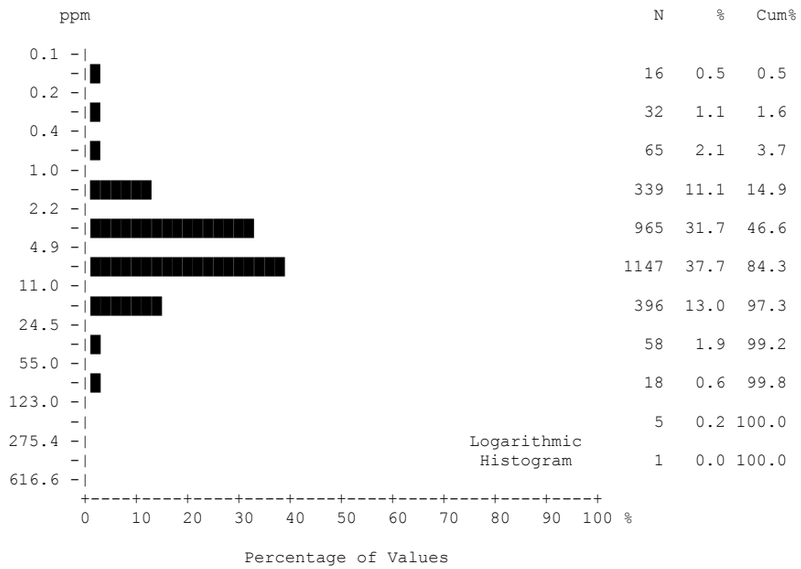
Antimony (Sb)

Lake Sediment

number of values	: 3042
units	: ppm
detection limit	: 0.02
analytical method	: ICPMS

Antimony by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3026	667	441	306	262	261	118	116	99	75	64	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	7.43	9.05	10.32	6.18	6.27	5.55	5.16	5.93	5.60	7.64	2.65	7.53	5.44	4.18	14.75
Median	5.20	7.00	5.60	5.10	4.40	4.30	4.40	3.50	4.60	7.60	1.60	5.70	4.40	3.50	6.80
Mode	2.50	5.30	3.10	4.20	2.10	1.90	2.30	1.10	1.60	2.90	0.40	1.60	3.60	3.50	6.00
Range	303.6	196.2	303.6	37.4	91.2	43.8	31.8	96.3	26.2	23.9	12.6	21.5	19.6	8.8	101.8
St Dev	11.42	9.98	20.59	4.83	7.80	5.17	4.37	9.73	4.69	4.15	2.81	5.52	3.99	2.23	21.56
Coef Var	1.537	1.102	1.995	0.782	1.244	0.932	0.847	1.640	0.839	0.544	1.060	0.733	0.735	0.534	1.462
Log Mean	0.692	0.838	0.783	0.688	0.650	0.606	0.617	0.509	0.621	0.801	0.157	0.767	0.660	0.561	0.978
Geo Mean	4.92	6.89	6.07	4.87	4.46	4.04	4.14	3.23	4.18	6.32	1.44	5.84	4.57	3.64	9.50
Log StDv	0.392	0.331	0.385	0.302	0.339	0.363	0.277	0.495	0.341	0.324	0.533	0.316	0.240	0.240	0.358
Log CVar	0.567	0.395	0.492	0.440	0.523	0.598	0.450	0.973	0.550	0.406	3.395	0.412	0.364	0.429	0.366
Percntls															
Minimum	0.1	0.1	0.1	0.6	0.4	0.1	1.0	0.1	0.7	0.1	0.1	1.6	1.8	1.3	4.0
10th	1.7	3.0	2.4	1.8	1.6	1.5	1.8	0.7	1.2	2.9	0.3	2.2	2.4	1.5	4.1
20th	2.6	4.2	3.1	2.7	2.4	2.1	2.4	1.1	2.2	3.7	0.4	2.8	3.0	2.1	4.5
30th	3.5	5.1	3.7	3.6	3.0	2.9	2.8	1.7	3.0	4.7	0.7	3.5	3.3	2.5	5.4
40th	4.3	6.0	4.5	4.2	3.7	3.6	3.7	2.4	3.6	6.6	1.1	4.6	3.6	3.0	6.0
50th	5.2	7.0	5.6	5.1	4.4	4.3	4.4	3.5	4.6	7.6	1.6	5.7	4.4	3.5	6.8
60th	6.1	8.0	6.7	5.8	5.3	5.1	5.0	5.3	5.3	8.2	2.1	6.6	4.5	4.7	9.3
70th	7.4	9.9	8.0	6.6	6.3	6.3	5.6	6.4	6.0	9.2	3.5	9.6	5.2	4.9	11.6
80th	9.5	12.2	11.3	8.1	8.2	7.7	6.6	9.1	7.2	10.1	4.5	11.5	6.1	5.2	19.7
85th	11.2	14.0	13.1	9.7	9.2	8.7	7.0	10.0	8.4	11.7	5.0	12.7	6.8	6.6	22.4
90th	13.8	16.5	16.8	11.9	11.0	11.0	7.8	11.4	11.0	12.4	7.1	15.7	11.4	6.8	22.8
95th	18.9	19.8	31.6	15.1	16.2	14.5	10.7	15.6	15.3	13.9	8.8	17.4	12.9	7.9	28.6
98th	29.1	29.1	64.7	19.2	22.5	17.4	19.7	22.3	20.2	15.5	10.3	22.8	13.4	10.1	105.8
99th	44.7	37.1	93.8	23.8	26.4	21.5	26.0	23.7	22.8	17.9	10.3	22.8	21.4	10.1	105.8
Maximum	303.7	196.3	303.7	38.0	91.6	43.9	32.8	96.4	26.9	24.0	12.7	23.1	21.4	10.1	105.8

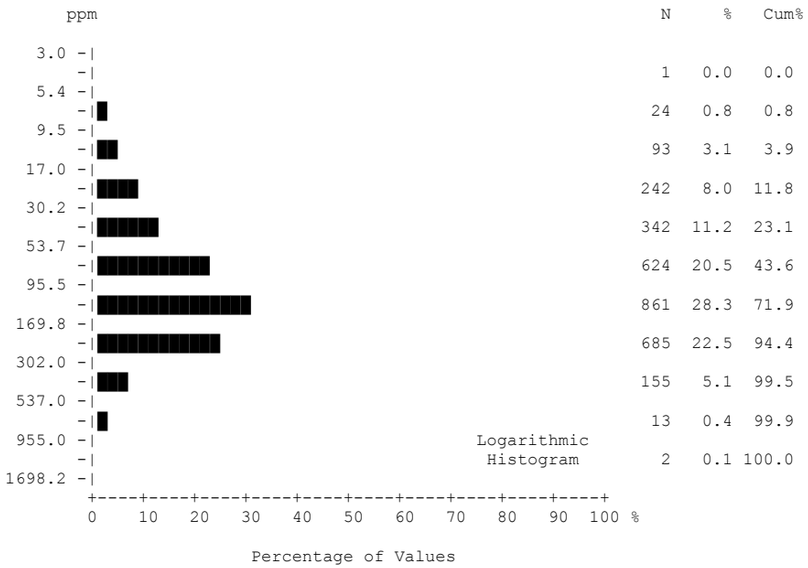
Arsenic (As)

Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.1
analytical method : ICPMS

Arsenic by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	130.83	104.99	130.29	152.66	118.42	163.58	142.92	105.91	129.65	129.54	111.31	235.30	140.16	51.93	104.32
Median	109.90	69.00	93.50	133.50	112.70	133.70	132.00	82.30	114.00	118.00	88.90	206.00	152.00	32.00	54.50
Mode	15.50	14.00	21.50	92.10	51.00	40.60	45.50	17.50	30.30	17.50	43.50	44.00	7.00	19.00	10.00
Range	1424.9	673.0	655.0	555.0	331.1	1044.9	393.0	400.0	391.0	501.5	422.0	564.2	376.0	247.5	744.5
St Dev	100.97	99.89	112.53	88.96	58.66	113.64	86.74	79.30	69.34	94.05	78.52	128.36	85.29	57.91	160.29
Coef Var	0.772	0.951	0.864	0.583	0.495	0.695	0.607	0.749	0.535	0.726	0.705	0.546	0.608	1.115	1.537
Log Mean	1.982	1.820	1.939	2.114	2.019	2.123	2.046	1.891	2.053	1.989	1.966	2.307	2.020	1.552	1.799
Geo Mean	95.87	66.11	86.92	129.88	104.39	132.71	111.26	77.87	113.10	97.60	92.38	202.77	104.79	35.68	62.96
Log StDv	0.373	0.444	0.418	0.253	0.226	0.290	0.348	0.371	0.235	0.363	0.261	0.246	0.400	0.355	0.395
Log CVar	0.188	0.244	0.215	0.120	0.112	0.137	0.170	0.196	0.115	0.182	0.133	0.107	0.198	0.229	0.219
Percntls															
Minimum	5.0	5.0	10.0	20.5	23.4	11.4	12.0	7.0	22.5	10.0	23.5	44.0	7.0	9.5	10.0
10th	26.5	16.5	21.5	63.5	51.2	55.7	33.0	24.6	59.4	26.0	42.8	98.2	21.0	13.0	18.0
20th	47.5	24.0	35.0	80.3	65.3	73.3	55.0	40.5	72.5	51.0	55.8	126.9	42.0	19.0	27.5
30th	67.5	33.5	47.0	92.1	82.7	97.6	82.5	52.1	92.7	76.0	72.1	141.9	72.0	19.5	46.5
40th	88.5	50.5	71.0	109.0	92.6	118.2	105.5	63.5	100.7	90.0	80.6	163.1	123.5	23.0	51.0
50th	109.9	69.0	93.5	133.5	112.7	133.7	132.0	82.3	114.0	118.0	88.9	206.0	152.0	32.0	54.5
60th	133.5	100.0	133.5	160.8	128.0	161.4	164.0	107.0	127.5	139.0	104.1	242.9	171.5	34.5	65.5
70th	164.0	133.5	169.5	185.0	141.0	198.8	189.0	136.0	150.5	154.5	125.5	290.1	185.0	38.5	75.0
80th	200.2	175.5	212.0	220.9	161.8	238.9	223.0	164.0	171.5	185.0	134.3	342.3	203.0	58.5	92.0
85th	225.0	202.0	238.5	239.9	175.7	264.5	232.5	185.0	188.2	202.5	140.1	374.8	207.0	69.0	96.0
90th	257.0	239.0	296.0	260.0	187.7	292.6	247.5	218.0	204.3	221.0	190.3	402.6	225.0	140.5	154.0
95th	310.5	284.5	347.5	305.3	228.9	354.2	276.0	241.5	262.5	266.5	316.8	450.2	232.0	154.0	343.5
98th	390.5	390.5	467.0	366.5	271.5	420.5	325.5	287.1	310.5	401.5	352.0	526.3	269.0	257.0	754.5
99th	458.6	437.5	496.0	445.5	283.8	469.0	395.0	399.0	332.4	426.5	352.0	526.3	383.0	257.0	754.5
Maximum	1429.9	678.0	665.0	575.5	354.5	1056.3	405.0	407.0	413.5	511.5	445.5	608.2	383.0	257.0	754.5

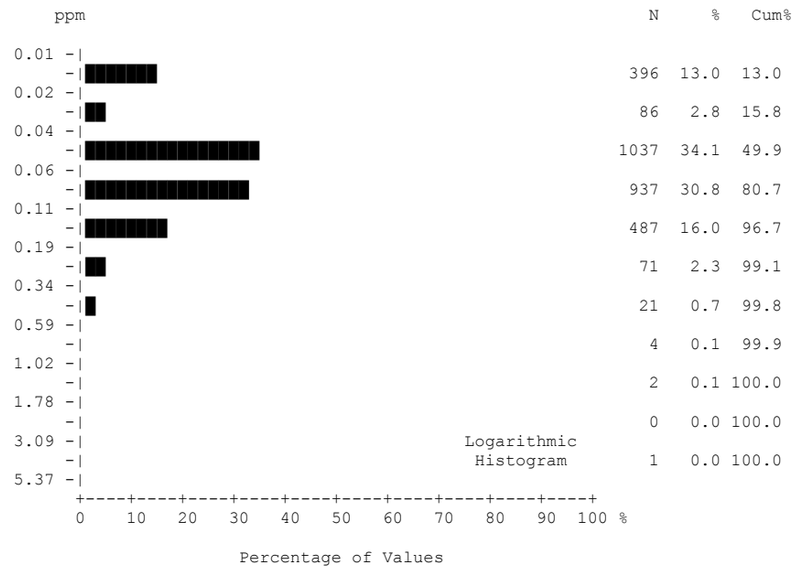
Barium (Ba)

Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.5
analytical method : ICPMS

Barium by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	2646	559	370	267	247	239	91	103	85	71	61	53	31	19	15
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	0.08	0.07	0.09	0.08	0.09	0.08	0.06	0.06	0.10	0.10	0.06	0.11	0.07	0.06	0.05
Median	0.07	0.06	0.08	0.07	0.08	0.07	0.06	0.05	0.08	0.08	0.05	0.10	0.06	0.04	0.04
Mode	0.04	0.04	0.06	0.06	0.06	0.04	0.04	0.04	0.02	0.04	0.06	0.08	0.04	0.04	0.04
Range	4.98	0.54	4.98	0.26	0.42	0.40	0.24	0.20	0.80	0.44	0.18	0.19	0.22	0.10	0.12
St Dev	0.11	0.06	0.24	0.04	0.06	0.05	0.05	0.04	0.12	0.08	0.04	0.04	0.05	0.03	0.03
Coef Var	1.382	0.790	2.691	0.565	0.677	0.627	0.739	0.571	1.121	0.825	0.606	0.410	0.702	0.561	0.733
Log Mean	-1.193	-1.243	-1.192	-1.189	-1.121	-1.186	-1.307	-1.277	-1.132	-1.111	-1.274	-1.011	-1.228	-1.314	-1.409
Geo Mean	0.06	0.06	0.06	0.06	0.08	0.07	0.05	0.05	0.07	0.08	0.05	0.10	0.06	0.05	0.04
Log StDv	0.291	0.284	0.304	0.270	0.277	0.263	0.281	0.243	0.344	0.304	0.245	0.198	0.253	0.249	0.261
Log CVar	-0.244	-0.229	-0.255	-0.227	-0.247	-0.222	-0.215	-0.190	-0.304	-0.274	-0.192	-0.196	-0.206	-0.190	-0.186
Percntls															
Minimum	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.02
10th	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.02	0.02	0.04	0.02	0.05	0.02	0.02	0.02
20th	0.04	0.04	0.04	0.04	0.04	0.04	0.02	0.03	0.04	0.04	0.03	0.07	0.04	0.04	0.02
30th	0.04	0.04	0.04	0.04	0.05	0.06	0.05	0.04	0.04	0.05	0.06	0.04	0.08	0.04	0.04	0.02
40th	0.06	0.05	0.06	0.06	0.07	0.06	0.04	0.04	0.06	0.06	0.05	0.09	0.06	0.04	0.04
50th	0.07	0.06	0.08	0.07	0.08	0.07	0.06	0.05	0.08	0.08	0.05	0.10	0.06	0.04	0.04
60th	0.08	0.07	0.08	0.08	0.09	0.08	0.06	0.06	0.09	0.10	0.06	0.11	0.06	0.04	0.04
70th	0.10	0.08	0.10	0.10	0.11	0.09	0.06	0.08	0.11	0.10	0.06	0.13	0.08	0.08	0.04
80th	0.11	0.10	0.12	0.11	0.12	0.11	0.08	0.08	0.12	0.12	0.08	0.14	0.08	0.08	0.06
85th	0.12	0.10	0.12	0.12	0.14	0.12	0.08	0.10	0.13	0.16	0.09	0.16	0.10	0.10	0.08
90th	0.14	0.12	0.14	0.13	0.17	0.14	0.12	0.11	0.16	0.18	0.12	0.16	0.10	0.10	0.08
95th	0.17	0.16	0.16	0.15	0.21	0.16	0.16	0.12	0.32	0.26	0.14	0.18	0.16	0.12	0.14
98th	0.24	0.24	0.18	0.19	0.26	0.18	0.20	0.14	0.44	0.34	0.17	0.19	0.22	0.12	0.14
99th	0.32	0.30	0.24	0.21	0.30	0.19	0.24	0.16	0.60	0.34	0.17	0.19	0.24	0.12	0.14
Maximum	5.00	0.56	5.00	0.28	0.44	0.42	0.26	0.22	0.82	0.46	0.20	0.22	0.24	0.12	0.14

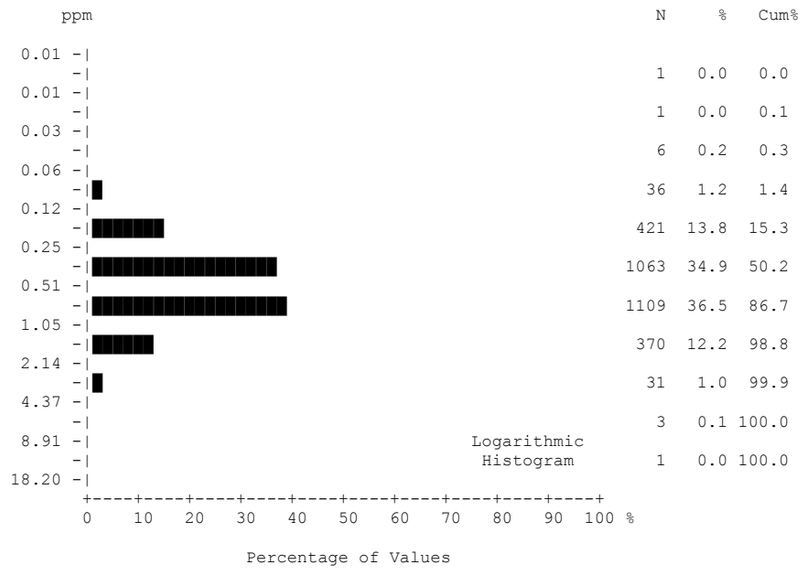
Bismuth (Bi)

Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.02
analytical method : ICPMS

Bismuth by ICPMS

Summary Statistics - Lake Sites



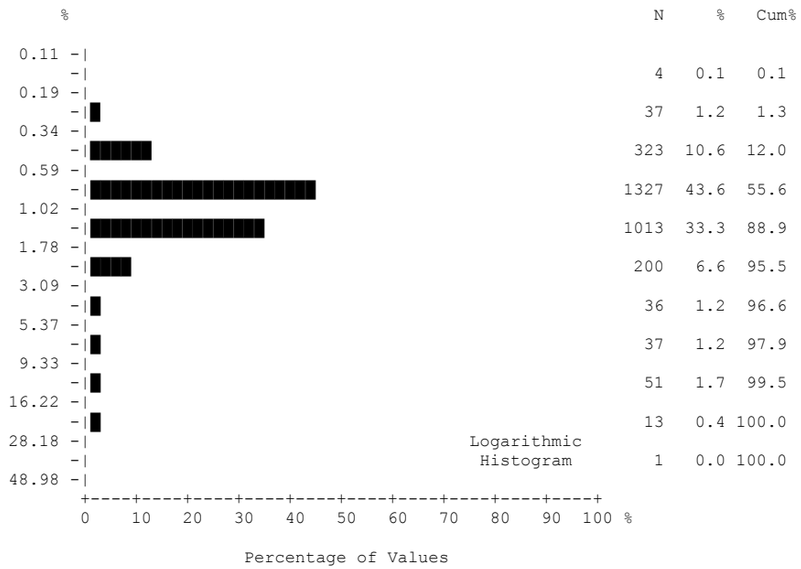
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3041	671	442	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	0.63	0.94	0.71	0.38	0.33	0.61	0.51	0.51	0.40	1.14	0.43	0.72	0.67	0.97	0.54
Median	0.51	0.81	0.59	0.34	0.29	0.50	0.42	0.39	0.35	1.11	0.33	0.69	0.63	0.92	0.48
Mode	0.33	0.52	0.50	0.25	0.22	0.37	0.41	0.19	0.28	0.46	0.17	0.55	0.59	0.87	0.41
Range	12.75	12.67	4.69	1.36	1.61	4.14	1.60	1.85	1.12	2.55	1.77	1.20	1.26	1.06	0.73
St Dev	0.51	0.69	0.50	0.20	0.18	0.47	0.27	0.37	0.21	0.51	0.31	0.30	0.28	0.32	0.18
Coef Var	0.798	0.741	0.706	0.528	0.545	0.774	0.534	0.729	0.519	0.443	0.720	0.413	0.415	0.330	0.330
Log Mean	-0.293	-0.093	-0.234	-0.483	-0.530	-0.299	-0.349	-0.395	-0.443	0.017	-0.446	-0.177	-0.206	-0.038	-0.295
Geo Mean	0.51	0.81	0.58	0.33	0.30	0.50	0.45	0.40	0.36	1.04	0.36	0.66	0.62	0.92	0.51
Log StDv	0.290	0.229	0.277	0.228	0.185	0.270	0.213	0.301	0.197	0.190	0.242	0.182	0.173	0.146	0.149
Log CVar	-0.989	-2.459	-1.182	-0.473	-0.350	-0.905	-0.611	-0.765	-0.445	11.156	-0.542	-1.028	-0.841	-3.949	-0.504
Percntls															
Minimum	0.01	0.09	0.03	0.05	0.12	0.06	0.11	0.07	0.14	0.33	0.14	0.26	0.22	0.48	0.23
10th	0.22	0.43	0.25	0.17	0.17	0.24	0.25	0.17	0.22	0.53	0.18	0.36	0.38	0.55	0.32
20th	0.29	0.54	0.36	0.20	0.21	0.30	0.31	0.20	0.25	0.72	0.22	0.43	0.43	0.66	0.37
30th	0.35	0.62	0.46	0.25	0.24	0.37	0.34	0.28	0.28	0.87	0.26	0.55	0.50	0.76	0.41
40th	0.43	0.72	0.50	0.29	0.26	0.41	0.39	0.33	0.31	0.97	0.29	0.61	0.59	0.87	0.45
50th	0.51	0.81	0.59	0.34	0.29	0.50	0.42	0.39	0.35	1.11	0.33	0.69	0.63	0.92	0.48
60th	0.62	0.90	0.69	0.38	0.32	0.64	0.50	0.45	0.38	1.20	0.37	0.76	0.65	0.97	0.57
70th	0.74	1.04	0.81	0.46	0.36	0.71	0.58	0.53	0.43	1.26	0.44	0.84	0.75	0.99	0.63
80th	0.90	1.22	0.94	0.52	0.39	0.82	0.70	0.79	0.52	1.35	0.51	0.92	0.83	1.17	0.69
85th	1.01	1.33	1.04	0.57	0.42	0.90	0.74	0.96	0.58	1.55	0.66	0.94	0.85	1.43	0.70
90th	1.17	1.53	1.26	0.62	0.48	0.96	0.79	1.07	0.67	1.68	0.72	1.04	0.98	1.52	0.73
95th	1.46	1.84	1.59	0.72	0.60	1.14	0.93	1.28	0.82	2.05	1.03	1.36	1.08	1.53	0.77
98th	1.84	2.26	1.92	0.86	0.90	1.51	1.26	1.55	0.97	2.52	1.29	1.41	1.46	1.54	0.96
99th	2.18	2.97	2.44	0.94	1.02	2.57	1.67	1.71	1.10	2.69	1.29	1.41	1.48	1.54	0.96
Maximum	12.76	12.76	4.72	1.41	1.73	4.20	1.71	1.92	1.26	2.88	1.91	1.46	1.48	1.54	0.96

Cadmium (Cd)
Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.01
analytical method : ICPMS

Cadmium by ICPMS

Summary Statistics - Lake Sites



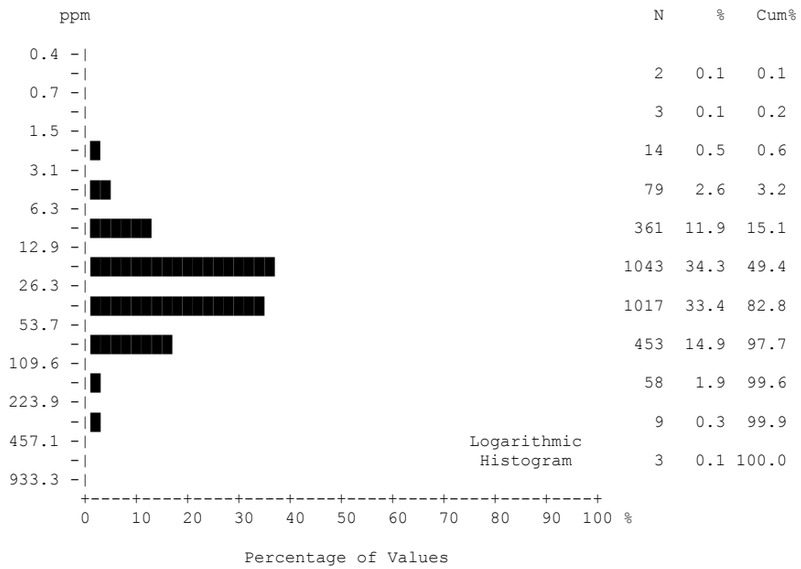
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	1.39	1.53	1.68	1.23	0.99	1.85	1.07	1.11	1.08	0.80	1.32	1.16	0.77	1.45	1.33
Median	0.96	1.15	1.02	0.85	0.82	1.00	0.89	0.86	0.89	0.79	1.08	0.86	0.68	1.44	0.86
Mode	0.79	1.05	0.67	0.69	0.54	0.55	0.84	0.80	0.92	0.79	0.74	0.57	0.57	1.54	0.73
Range	29.00	9.67	9.84	20.35	22.20	28.76	9.66	11.89	12.12	1.86	18.16	8.36	3.10	1.29	9.52
St Dev	2.07	1.66	2.15	1.91	1.47	3.58	0.93	1.39	1.26	0.33	2.15	1.47	0.50	0.37	1.96
Coef Var	1.490	1.088	1.283	1.551	1.478	1.933	0.873	1.249	1.169	0.413	1.623	1.271	0.653	0.254	1.468
Log Mean	0.013	0.089	0.056	-0.038	-0.086	0.064	-0.033	-0.048	-0.043	-0.133	0.018	-0.050	-0.155	0.149	-0.007
Geo Mean	1.03	1.23	1.14	0.92	0.82	1.16	0.93	0.89	0.91	0.74	1.04	0.89	0.70	1.41	0.98
Log StDv	0.270	0.236	0.333	0.257	0.212	0.314	0.206	0.235	0.208	0.173	0.223	0.253	0.167	0.110	0.257
Log CVar	20.782	2.648	6.051	-6.948	-2.489	4.908	-6.253	-4.903	-4.834	-1.304	12.363	-5.154	-1.084	0.740	-42.899
Percntls															
Minimum	0.13	0.33	0.16	0.29	0.17	0.37	0.34	0.27	0.36	0.34	0.34	0.34	0.34	0.88	0.48
10th	0.55	0.72	0.52	0.51	0.51	0.58	0.53	0.48	0.55	0.42	0.67	0.47	0.46	0.99	0.58
20th	0.67	0.86	0.65	0.62	0.59	0.71	0.66	0.61	0.66	0.49	0.74	0.61	0.54	1.12	0.71
30th	0.77	0.97	0.76	0.69	0.67	0.80	0.75	0.71	0.71	0.57	0.77	0.65	0.57	1.14	0.73
40th	0.87	1.05	0.87	0.77	0.75	0.91	0.82	0.78	0.80	0.69	0.95	0.74	0.63	1.24	0.84
50th	0.96	1.15	1.02	0.85	0.82	1.00	0.89	0.86	0.89	0.79	1.08	0.86	0.68	1.44	0.86
60th	1.08	1.25	1.16	0.92	0.86	1.15	1.02	0.95	0.93	0.86	1.15	0.96	0.74	1.54	0.92
70th	1.21	1.37	1.38	1.02	0.93	1.30	1.15	1.08	1.02	0.90	1.24	1.05	0.78	1.56	0.97
80th	1.42	1.56	1.81	1.17	1.06	1.56	1.29	1.27	1.12	1.00	1.38	1.16	0.87	1.79	1.17
85th	1.59	1.69	2.03	1.29	1.14	1.73	1.41	1.42	1.27	1.05	1.52	1.21	0.91	1.83	1.28
90th	1.84	1.95	2.71	1.51	1.32	2.01	1.60	1.54	1.49	1.09	1.63	1.29	0.97	2.05	1.29
95th	2.57	2.97	8.77	2.35	1.61	5.76	1.92	1.66	1.80	1.37	1.67	1.64	1.00	2.07	1.69
98th	9.97	10.00	10.00	7.96	2.48	18.38	2.37	2.50	2.32	1.47	2.03	7.93	1.08	2.17	10.00
99th	10.00	10.00	10.00	9.78	5.10	21.90	2.43	10.00	4.44	1.63	2.03	7.93	3.44	2.17	10.00
Maximum	29.13	10.00	10.00	20.64	22.37	29.13	10.00	12.16	12.48	2.20	18.50	8.70	3.44	2.17	10.00

Calcium (Ca)
Lake Sediment

number of values : 3042
units : %
detection limit : 0.01
analytical method : ICPMS

Calcium by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3041	671	442	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	35.39	44.59	45.96	24.54	20.61	17.01	43.78	31.62	24.53	46.88	20.49	21.35	58.71	43.48	30.91
Median	26.50	38.50	38.50	22.00	17.30	15.30	42.00	27.80	23.50	43.50	19.60	21.50	53.00	35.00	19.50
Mode	29.50	15.00	29.50	11.00	21.50	9.00	28.50	54.50	31.50	35.00	20.50	12.50	32.00	65.00	13.00
Range	588.0	162.5	360.5	80.0	86.0	46.7	160.5	81.0	58.4	85.5	61.1	32.4	214.5	98.5	75.5
St Dev	34.41	28.53	38.52	14.53	13.24	9.11	22.97	18.07	12.60	21.09	9.69	7.74	38.42	23.95	22.17
Coef Var	0.972	0.640	0.838	0.592	0.642	0.536	0.525	0.571	0.514	0.450	0.473	0.363	0.654	0.551	0.717
Log Mean	1.424	1.556	1.546	1.311	1.243	1.158	1.582	1.424	1.325	1.624	1.271	1.299	1.705	1.582	1.399
Geo Mean	26.58	35.97	35.14	20.49	17.51	14.40	38.15	26.52	21.14	42.05	18.65	19.91	50.67	38.24	25.08
Log StDv	0.330	0.303	0.334	0.275	0.246	0.273	0.240	0.277	0.253	0.213	0.190	0.169	0.232	0.221	0.278
Log CVar	0.232	0.195	0.216	0.210	0.198	0.236	0.152	0.195	0.191	0.131	0.149	0.130	0.136	0.140	0.199
Percntls															
Minimum	0.5	2.5	2.0	1.5	3.0	0.9	7.0	1.5	3.6	8.5	5.9	7.1	18.0	17.0	8.5
10th	10.5	15.5	12.5	8.6	8.8	6.0	17.5	12.3	9.0	20.5	10.1	12.0	20.5	20.0	12.5
20th	14.9	20.5	20.5	11.8	11.5	9.2	25.0	15.4	12.1	29.5	13.4	13.2	32.0	24.0	13.0
30th	18.5	25.5	26.0	14.8	13.6	11.3	29.5	19.1	16.7	34.0	15.5	16.4	36.5	25.0	17.5
40th	22.0	31.5	31.5	18.7	15.7	13.4	34.0	23.9	20.3	38.0	17.3	19.3	47.5	32.0	19.0
50th	26.5	38.5	38.5	22.0	17.3	15.3	42.0	27.8	23.5	43.5	19.6	21.5	53.0	35.0	19.5
60th	32.0	45.0	44.5	25.5	19.4	17.4	45.5	29.8	26.5	46.5	20.9	22.4	55.5	42.5	20.5
70th	39.5	53.0	53.0	29.8	21.5	20.5	53.0	35.9	29.9	53.0	22.0	24.1	63.0	49.5	30.0
80th	49.5	65.5	64.0	35.0	26.6	25.0	61.0	47.4	34.9	66.0	25.4	26.0	73.5	65.0	44.5
85th	57.0	75.5	71.0	38.5	31.2	27.0	65.5	54.5	37.0	75.5	28.0	28.5	78.5	66.5	62.0
90th	68.0	86.5	82.5	43.5	36.5	29.4	70.0	59.0	41.5	77.5	29.8	31.6	95.5	69.0	64.0
95th	87.5	100.5	98.5	50.0	47.0	33.5	79.5	65.5	47.8	87.5	34.2	34.1	106.5	78.0	77.5
98th	113.5	116.5	140.5	62.7	62.0	38.5	92.0	75.5	54.0	89.5	51.0	39.0	110.5	115.5	84.0
99th	140.5	125.5	177.5	79.0	68.0	40.9	103.0	79.0	55.0	93.5	51.0	39.0	232.5	115.5	84.0
Maximum	588.5	165.0	362.5	81.5	89.0	47.6	167.5	82.5	62.0	94.0	67.0	39.5	232.5	115.5	84.0

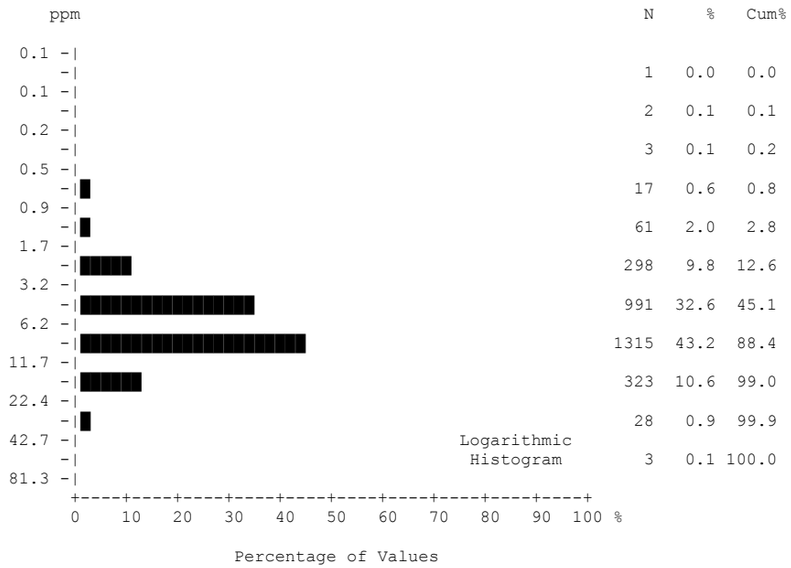
Chromium (Cr)

Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.5
analytical method : ICPMS

Chromium by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3041	671	442	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	7.34	7.70	8.05	6.73	5.65	6.80	7.26	7.01	6.75	7.32	6.43	8.98	8.26	7.55	5.45
Median	6.60	6.80	7.30	6.50	5.30	6.40	6.60	6.40	6.40	6.60	6.10	7.30	7.70	7.40	3.50
Mode	7.00	8.90	7.70	5.50	4.40	6.10	4.10	7.50	6.70	6.10	5.70	6.60	3.80	4.10	2.30
Range	58.6	32.6	58.5	14.5	15.3	24.5	19.6	23.6	23.1	15.8	14.9	21.2	22.6	9.4	15.4
St Dev	4.38	4.69	5.51	2.96	2.41	3.47	3.31	3.93	3.96	3.44	3.07	4.87	4.27	2.81	4.43
Coef Var	0.597	0.608	0.684	0.440	0.427	0.510	0.455	0.561	0.586	0.470	0.477	0.542	0.517	0.372	0.813
Log Mean	0.793	0.799	0.811	0.782	0.711	0.772	0.814	0.782	0.763	0.804	0.757	0.897	0.869	0.850	0.636
Geo Mean	6.21	6.30	6.47	6.05	5.14	5.91	6.51	6.06	5.79	6.37	5.71	7.89	7.40	7.08	4.33
Log StDv	0.266	0.303	0.307	0.212	0.194	0.247	0.212	0.247	0.245	0.255	0.226	0.221	0.206	0.159	0.281
Log CVar	0.336	0.379	0.378	0.271	0.273	0.320	0.260	0.316	0.322	0.317	0.299	0.247	0.237	0.187	0.442
Percntls															
Minimum	0.1	0.3	0.2	1.0	1.0	0.5	1.6	0.6	1.1	0.6	1.2	3.1	2.6	4.1	2.1
10th	2.9	2.7	2.5	3.3	2.8	2.7	3.5	3.0	2.6	2.9	2.9	3.6	3.7	4.2	2.2
20th	4.0	3.9	3.7	4.2	3.7	3.9	4.2	3.9	3.7	4.3	4.0	5.3	5.1	4.9	2.3
30th	4.9	4.9	4.7	5.0	4.3	4.8	4.9	4.8	4.6	5.1	4.9	6.5	5.4	5.2	2.6
40th	5.7	5.8	6.1	5.7	4.7	5.7	6.0	5.4	5.7	6.0	5.7	6.6	6.5	5.8	3.3
50th	6.6	6.8	7.3	6.5	5.3	6.4	6.6	6.4	6.4	6.6	6.1	7.3	7.7	7.4	3.5
60th	7.5	8.0	8.4	7.1	5.8	7.2	7.8	7.5	6.7	8.3	6.4	8.6	8.0	7.8	4.2
70th	8.6	9.1	9.5	8.0	6.5	8.1	9.1	8.1	7.2	9.4	7.0	10.2	9.3	8.6	4.8
80th	10.1	11.0	11.3	8.9	7.5	9.3	9.8	9.1	8.3	10.2	8.2	11.6	11.0	9.5	8.0
85th	10.9	12.0	12.4	9.7	8.2	10.1	10.3	10.0	9.1	10.9	8.9	13.7	11.4	10.2	8.5
90th	12.3	13.6	13.8	10.6	8.7	10.7	11.4	11.5	10.5	11.4	9.4	15.0	12.2	11.0	9.9
95th	14.9	16.0	17.4	12.5	10.0	12.6	13.2	13.0	16.5	12.4	14.1	18.7	13.7	13.5	17.0
98th	18.5	19.6	20.9	13.8	10.9	14.8	14.1	18.5	17.8	14.7	15.2	22.1	14.7	13.5	17.5
99th	22.8	23.0	26.8	15.3	13.2	17.6	14.3	24.1	18.3	15.1	15.2	22.1	25.2	13.5	17.5
Maximum	58.7	32.9	58.7	15.5	16.3	25.0	21.2	24.2	24.2	16.4	16.1	24.3	25.2	13.5	17.5

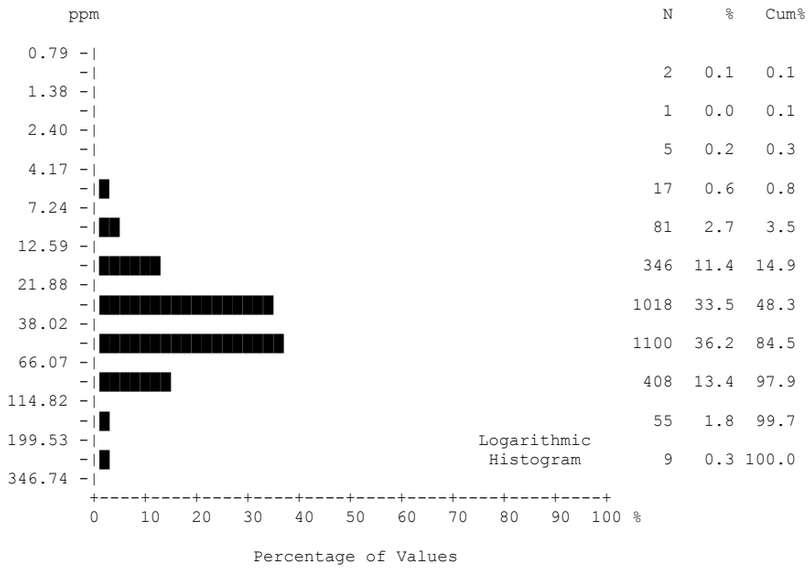
Cobalt (Co)

Lake Sediment

number of values	: 3042
units	: ppm
detection limit	: 0.1
analytical method	: ICPMS

Cobalt by ICPMS

Summary Statistics - Lake Sites



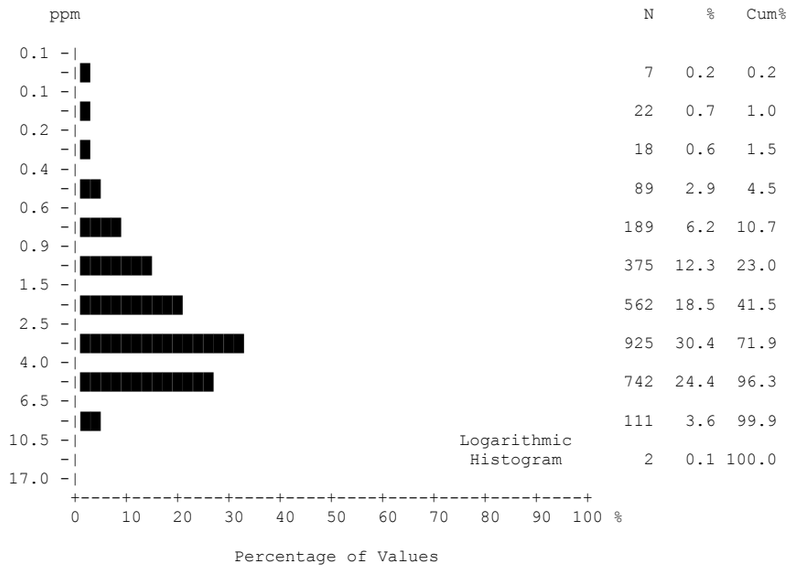
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	44.48	55.63	44.13	33.79	30.26	37.98	53.46	31.35	36.79	43.48	64.71	40.53	33.69	55.95	50.58
Median	38.79	49.98	41.20	31.90	27.80	34.50	50.12	28.60	33.00	40.52	55.10	37.70	27.80	54.27	45.56
Mode	35.10	18.73	8.50	27.30	20.26	36.30	51.40	17.20	12.20	15.99	55.10	21.10	26.90	19.83	28.49
Range	305.91	305.50	235.32	80.10	100.74	133.96	214.80	100.12	103.92	62.62	224.70	64.24	63.62	65.62	76.41
St Dev	26.57	29.88	25.42	14.14	13.27	19.95	28.91	15.48	18.22	14.16	40.80	13.88	13.80	18.29	21.92
Coef Var	0.597	0.537	0.576	0.418	0.439	0.525	0.541	0.494	0.495	0.326	0.630	0.343	0.409	0.327	0.433
Log Mean	1.580	1.685	1.571	1.489	1.447	1.522	1.663	1.448	1.518	1.614	1.749	1.584	1.491	1.721	1.670
Geo Mean	38.04	48.42	37.28	30.82	27.98	33.25	46.00	28.04	32.93	41.11	56.07	38.38	31.01	52.66	46.80
Log StDv	0.250	0.244	0.269	0.194	0.169	0.231	0.256	0.208	0.208	0.151	0.225	0.144	0.185	0.163	0.170
Log CVar	0.158	0.145	0.171	0.130	0.117	0.152	0.154	0.144	0.137	0.093	0.129	0.091	0.124	0.095	0.102
Percntls															
Minimum	1.09	1.50	3.88	6.20	9.80	6.00	4.60	6.48	7.80	15.99	17.60	21.10	9.10	19.83	28.49
10th	19.10	25.45	15.53	18.10	17.46	16.96	20.72	16.50	17.80	26.94	30.20	23.10	21.06	28.84	29.39
20th	24.54	32.70	22.85	21.80	20.67	22.20	29.26	18.91	21.99	31.12	36.80	29.06	23.10	38.40	30.74
30th	29.18	38.79	30.27	24.80	22.44	26.68	36.62	20.40	26.80	35.66	43.40	31.50	26.10	48.14	34.56
40th	34.00	44.29	35.21	28.17	25.20	31.10	44.73	25.31	31.00	38.25	49.41	34.00	26.90	50.40	36.74
50th	38.79	49.98	41.20	31.90	27.80	34.50	50.12	28.60	33.00	40.52	55.10	37.70	27.80	54.27	45.56
60th	44.55	56.50	46.10	35.90	30.18	37.43	59.00	31.40	37.88	46.83	61.30	42.61	32.50	60.40	47.27
70th	50.75	65.06	51.59	39.50	33.32	44.80	64.49	36.79	40.98	50.58	71.00	46.88	37.55	65.53	52.23
80th	60.77	74.50	62.98	44.10	38.30	49.80	72.74	42.74	44.30	55.19	79.40	49.98	43.36	68.10	64.63
85th	67.19	80.40	67.12	48.70	41.00	55.50	76.18	46.59	47.20	56.75	86.70	52.52	50.20	77.30	73.08
90th	74.92	92.83	72.50	52.49	46.20	63.50	84.89	51.62	62.70	58.35	99.70	60.65	54.67	80.20	73.28
95th	93.23	107.00	87.43	58.60	52.45	76.33	96.80	56.06	75.03	69.55	158.10	65.96	55.33	85.20	101.80
98th	116.20	134.20	103.50	66.20	59.72	91.67	110.90	73.87	88.40	73.25	212.60	70.57	57.40	85.45	104.90
99th	137.50	144.00	130.80	79.43	66.40	104.35	126.70	74.44	89.20	73.28	212.60	70.57	72.72	85.45	104.90
Maximum	307.00	307.00	239.20	86.30	110.54	139.96	219.40	106.60	111.72	78.61	242.30	85.34	72.72	85.45	104.90

Copper (Cu)
Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.01
analytical method : ICPMS

Copper by ICPMS

Summary Statistics - Lake Sites



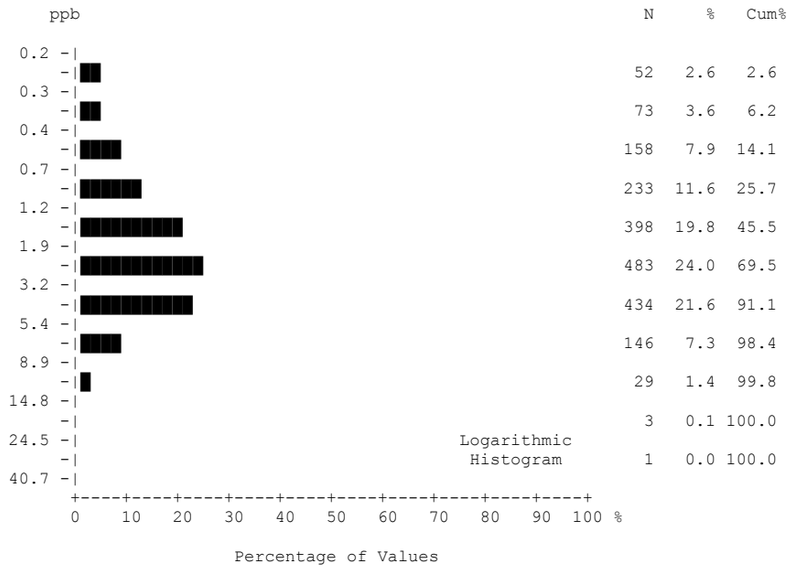
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3035	668	442	306	262	260	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	3.03	2.76	3.22	3.47	3.16	2.58	3.34	2.55	3.43	3.33	2.15	3.59	3.91	2.58	1.44
Median	2.90	2.40	3.20	3.30	3.10	2.30	3.20	2.10	3.40	3.00	1.80	3.50	3.90	2.30	1.10
Mode	3.10	1.00	0.50	3.40	2.50	1.00	3.20	1.40	3.60	1.40	1.40	4.20	3.10	2.20	0.60
Range	12.2	10.3	9.1	8.3	10.1	6.3	6.9	9.8	7.5	8.8	6.5	6.4	5.2	4.4	4.7
St Dev	1.76	1.84	1.81	1.77	1.56	1.52	1.54	1.80	1.77	1.99	1.33	1.51	1.31	1.20	1.21
Coef Var	0.579	0.666	0.563	0.511	0.493	0.589	0.461	0.708	0.516	0.597	0.619	0.420	0.334	0.465	0.845
Log Mean	0.389	0.328	0.412	0.467	0.440	0.307	0.461	0.296	0.461	0.432	0.252	0.509	0.568	0.366	0.059
Geo Mean	2.45	2.13	2.58	2.93	2.75	2.03	2.89	1.98	2.89	2.70	1.79	3.23	3.70	2.32	1.15
Log StDv	0.317	0.345	0.330	0.278	0.248	0.343	0.269	0.330	0.280	0.302	0.278	0.219	0.153	0.207	0.274
Log CVar	0.814	1.056	0.802	0.595	0.565	1.118	0.586	1.119	0.609	0.699	1.107	0.429	0.270	0.567	4.644
Percntls															
Minimum	0.1	0.1	0.2	0.3	0.2	0.1	0.2	0.2	0.5	0.5	0.3	0.6	1.7	1.0	0.5
10th	0.9	0.7	0.8	1.1	1.3	0.7	1.4	0.7	1.2	1.0	0.8	1.7	1.9	1.1	0.6
20th	1.4	1.1	1.5	1.8	1.7	1.0	2.0	1.0	1.6	1.4	1.1	2.3	3.0	1.6	0.6
30th	1.9	1.5	2.2	2.4	2.3	1.6	2.4	1.4	2.2	1.7	1.3	2.6	3.1	1.8	0.8
40th	2.4	1.9	2.6	2.9	2.6	2.0	2.8	1.7	2.7	2.2	1.5	3.0	3.4	2.2	0.9
50th	2.9	2.4	3.2	3.3	3.1	2.3	3.2	2.1	3.4	3.0	1.8	3.5	3.9	2.3	1.1
60th	3.3	2.9	3.6	3.8	3.5	2.8	3.7	2.6	3.6	4.2	2.2	4.1	4.1	2.4	1.2
70th	3.8	3.5	4.0	4.4	3.8	3.4	4.1	3.1	4.5	4.6	2.7	4.2	4.4	3.0	1.3
80th	4.5	4.4	4.7	5.0	4.2	4.0	4.5	3.7	5.1	5.1	2.9	4.5	4.7	3.2	1.7
85th	4.8	4.8	5.0	5.3	4.5	4.3	5.1	4.3	5.4	5.2	3.1	5.1	5.0	4.1	1.7
90th	5.4	5.2	5.6	5.8	5.0	4.7	5.6	4.8	5.9	5.6	3.2	5.8	5.9	4.4	3.0
95th	6.1	6.1	6.5	6.8	5.7	5.2	5.9	6.0	6.2	6.4	5.0	6.1	5.9	4.6	4.3
98th	7.0	7.5	7.1	7.3	6.6	6.0	6.3	7.4	6.9	6.7	6.4	6.9	6.7	5.4	5.2
99th	8.0	8.3	8.3	7.9	7.7	6.1	6.8	8.5	6.9	9.0	6.4	6.9	6.9	5.4	5.2
Maximum	12.3	10.4	9.3	8.6	10.3	6.4	7.1	10.0	8.0	9.3	6.8	7.0	6.9	5.4	5.2

Gallium (Ga)
Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.1
analytical method : ICPMS

Gallium by ICPMS

Summary Statistics - Lake Sites



	All	othr	lmJHz	ETOo	MTrCc	TrJTk	uKKs	MJqd	LTQCh	TrJdr	lKSk	EKgd	PJKu
N	2010	418	262	254	242	107	99	97	67	58	53	25	23
N > DL	1958	408	254	238	242	107	99	97	63	57	52	25	23
Missing	1159	104	45	24	204	581	2	22	50	10	2	9	0
Mean	2.65	2.54	1.85	1.95	4.54	4.06	2.63	3.58	0.87	1.39	2.66	3.48	3.54
Median	2.20	2.00	1.60	1.30	4.10	3.60	2.10	3.10	0.60	1.10	2.30	3.30	3.20
Mode	1.10	0.50	1.40	0.20	4.40	4.20	1.40	2.40	0.30	0.70	1.10	2.00	2.60
Range	34.6	19.9	7.0	34.6	13.9	16.2	13.1	8.6	5.8	5.8	5.7	5.4	8.8
St Dev	2.20	2.22	1.25	2.63	2.25	2.49	2.01	1.80	0.90	1.20	1.53	1.26	1.86
Coef Var	0.831	0.873	0.674	1.351	0.495	0.615	0.764	0.502	1.037	0.868	0.577	0.363	0.524
Log Mean	0.286	0.264	0.167	0.116	0.609	0.539	0.318	0.501	-0.186	0.029	0.339	0.515	0.507
Geo Mean	1.93	1.84	1.47	1.31	4.06	3.46	2.08	3.17	0.65	1.07	2.18	3.28	3.21
Log StDv	0.372	0.370	0.319	0.386	0.212	0.249	0.303	0.219	0.310	0.307	0.301	0.152	0.188
Log CVar	1.307	1.405	1.912	3.353	0.349	0.463	0.957	0.439	-1.665	10.958	0.888	0.295	0.372
Percntls													
Minimum	0.2	0.2	0.2	0.2	0.4	0.8	0.3	1.0	0.2	0.2	0.2	1.6	1.6
10th	0.6	0.5	0.5	0.4	2.4	1.5	0.9	1.6	0.3	0.4	0.9	2.0	1.6
20th	1.0	0.9	0.8	0.6	2.9	2.2	1.2	2.0	0.3	0.6	1.3	2.4	2.4
30th	1.3	1.2	1.1	0.9	3.4	2.8	1.4	2.4	0.4	0.7	1.6	2.7	2.6
40th	1.7	1.6	1.4	1.1	3.8	3.2	1.7	2.6	0.5	0.9	1.8	2.8	2.6
50th	2.2	2.0	1.6	1.3	4.1	3.6	2.1	3.1	0.6	1.1	2.3	3.3	3.2
60th	2.7	2.6	1.9	1.7	4.4	4.1	2.6	3.4	0.7	1.2	2.8	3.5	3.6
70th	3.3	3.1	2.1	2.1	5.0	4.4	2.8	4.4	0.9	1.4	3.4	3.9	3.8
80th	4.0	3.8	2.7	2.8	5.8	5.4	3.6	5.4	1.2	1.6	4.1	4.3	3.9
85th	4.4	4.2	2.9	3.2	6.2	5.8	4.1	5.6	1.4	2.1	4.6	4.3	4.4
90th	5.2	4.8	3.3	3.8	6.8	6.4	5.0	5.9	1.6	2.4	5.1	5.4	5.1
95th	6.1	5.6	4.5	4.6	8.4	8.0	6.1	7.0	1.8	4.2	5.3	5.5	6.0
98th	8.1	8.6	5.4	6.3	11.3	11.8	7.4	7.7	4.3	5.6	5.5	7.0	10.4
99th	10.4	11.0	6.4	8.7	14.0	12.5	9.4	8.0	4.3	5.6	5.5	7.0	10.4
Maximum	34.8	20.1	7.2	34.8	14.3	17.0	13.4	9.6	6.0	6.0	5.9	7.0	10.4

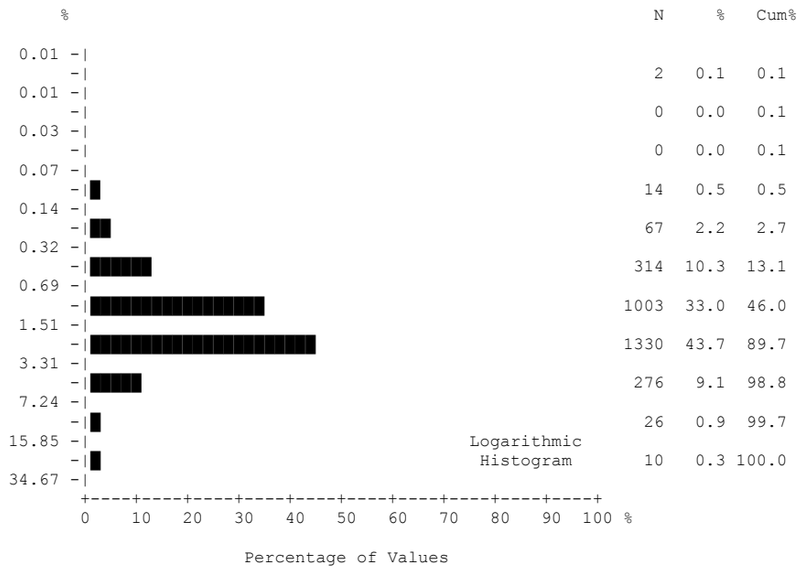
Gold (Au)

Lake Sediment

number of values	: 2010
units	: ppb
detection limit	: 0.2
analytical method	: ICPMS

Gold by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	lmJHz	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3040	671	442	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	45	16	1	0	2	0	0	2	0	0	0
Mean	1.94	1.94	2.29	1.88	1.85	1.49	1.88	1.76	1.70	1.54	2.00	2.33	1.79	2.41	1.47
Median	1.60	1.53	1.80	1.73	1.53	1.36	1.72	1.40	1.54	1.10	1.33	1.95	1.46	2.08	0.60
Mode	1.87	2.05	0.65	1.66	0.95	1.03	0.83	0.96	0.42	1.93	0.72	1.62	0.61	1.12	0.56
Range	25.91	25.85	25.11	10.00	8.88	4.68	9.60	20.42	5.00	13.99	22.19	6.06	4.76	3.69	6.32
St Dev	1.78	1.94	2.33	1.16	1.32	0.74	1.22	1.98	0.99	1.74	3.46	1.50	1.10	0.94	1.74
Coef Var	0.918	1.003	1.018	0.615	0.714	0.498	0.646	1.127	0.579	1.128	1.730	0.643	0.614	0.391	1.178
Log Mean	0.178	0.154	0.231	0.204	0.170	0.120	0.199	0.142	0.155	0.045	0.104	0.275	0.182	0.350	-0.046
Geo Mean	1.51	1.43	1.70	1.60	1.48	1.32	1.58	1.39	1.43	1.11	1.27	1.89	1.52	2.24	0.90
Log StDv	0.316	0.348	0.336	0.256	0.300	0.224	0.263	0.280	0.276	0.348	0.364	0.299	0.248	0.171	0.415
Log CVar	1.777	2.277	1.456	1.255	1.766	1.869	1.320	1.983	1.794	7.732	3.536	1.087	1.370	0.490	-9.019
Percntls															
Minimum	0.01	0.07	0.07	0.25	0.10	0.23	0.33	0.22	0.19	0.15	0.11	0.40	0.61	1.12	0.28
10th	0.60	0.49	0.60	0.81	0.58	0.64	0.68	0.67	0.61	0.37	0.51	0.63	0.67	1.26	0.30
20th	0.89	0.80	0.97	0.99	0.91	0.89	0.93	0.85	0.88	0.60	0.75	1.08	0.90	1.42	0.35
30th	1.13	1.03	1.25	1.25	1.19	1.07	1.13	0.97	1.12	0.78	0.90	1.43	1.08	1.80	0.49
40th	1.37	1.27	1.51	1.46	1.33	1.24	1.50	1.14	1.39	0.89	1.14	1.62	1.27	1.96	0.56
50th	1.60	1.53	1.80	1.73	1.53	1.36	1.72	1.40	1.54	1.10	1.33	1.95	1.46	2.08	0.60
60th	1.86	1.82	2.17	1.94	1.73	1.53	1.93	1.57	1.73	1.46	1.54	2.24	1.63	2.66	0.90
70th	2.17	2.18	2.50	2.15	2.03	1.67	2.21	1.84	1.98	1.77	1.71	2.84	1.91	3.02	0.99
80th	2.62	2.63	2.97	2.54	2.46	1.98	2.53	2.43	2.23	2.21	1.88	3.27	2.65	3.11	1.92
85th	2.91	2.88	3.38	2.71	2.85	2.11	2.81	2.67	2.51	2.33	2.25	3.42	3.10	3.21	2.95
90th	3.34	3.39	3.99	3.06	3.48	2.51	2.99	2.91	2.77	2.53	2.65	4.40	3.37	3.47	4.51
95th	4.40	4.48	5.02	3.73	4.61	2.86	3.50	3.32	3.82	3.13	3.82	5.64	3.39	3.76	4.94
98th	5.96	7.07	8.17	4.58	5.25	3.42	4.69	4.43	4.35	3.67	19.82	6.05	3.80	4.81	6.60
99th	8.32	7.88	10.87	5.45	6.40	3.75	5.14	4.85	4.88	4.97	19.82	6.05	5.37	4.81	6.60
Maximum	25.92	25.92	25.18	10.25	8.98	4.91	9.93	20.64	5.19	14.14	22.30	6.46	5.37	4.81	6.60

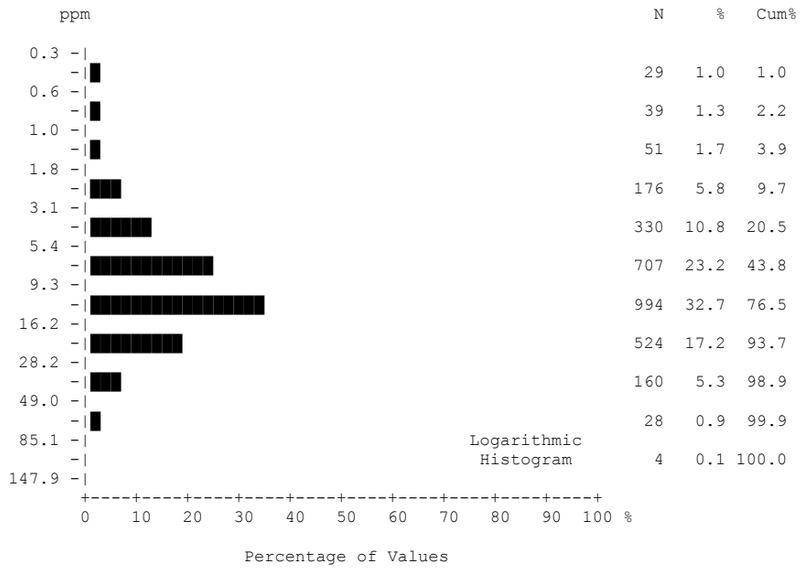
Iron (Fe)

Lake Sediment

number of values	: 3042
units	: %
detection limit	: 0.01
analytical method	: ICPMS

Iron by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	lmJHz	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3013	659	433	306	260	262	118	115	99	76	67	53	34	23	22
Missing	127	17	4	7	45	16	1	0	2	0	0	2	0	0	0
Mean	12.45	7.55	9.99	15.36	12.58	19.26	11.76	10.13	19.10	14.20	15.19	13.37	15.69	8.63	5.57
Median	10.50	7.00	9.00	14.20	10.50	16.60	10.50	8.50	17.00	12.50	13.50	12.20	14.00	9.00	3.50
Mode	6.50	4.00	8.50	14.00	7.60	9.10	7.00	4.00	13.00	9.50	4.00	6.40	16.00	9.00	3.00
Range	129.0	33.5	123.0	48.8	75.5	60.9	46.5	35.0	128.0	56.5	38.2	28.9	49.0	14.5	16.0
St Dev	9.85	4.66	9.54	8.73	9.24	11.61	6.55	7.56	14.73	9.39	9.30	6.66	9.54	4.29	3.93
Coef Var	0.791	0.617	0.955	0.568	0.734	0.603	0.557	0.746	0.771	0.662	0.613	0.498	0.608	0.497	0.705
Log Mean	0.971	0.785	0.862	1.103	0.983	1.200	0.998	0.872	1.190	1.073	1.089	1.073	1.123	0.867	0.667
Geo Mean	9.36	6.09	7.27	12.67	9.61	15.84	9.94	7.45	15.50	11.84	12.27	11.83	13.28	7.36	4.64
Log StDv	0.356	0.315	0.379	0.297	0.349	0.294	0.278	0.376	0.294	0.277	0.316	0.221	0.264	0.276	0.255
Log CVar	0.366	0.401	0.440	0.269	0.356	0.245	0.279	0.432	0.247	0.259	0.290	0.206	0.235	0.319	0.383
Percntls															
Minimum	0.5	0.5	0.5	0.8	0.5	0.8	1.0	0.5	1.5	1.0	0.5	3.1	3.5	1.5	2.0
10th	3.3	2.5	2.0	5.0	3.0	6.5	4.5	2.5	6.5	5.0	6.0	6.4	4.0	2.0	2.0
20th	5.0	3.5	4.0	7.7	5.7	9.1	7.0	3.5	10.0	8.5	7.0	7.2	8.5	4.5	3.0
30th	7.0	4.5	6.0	9.9	7.5	12.3	8.0	5.0	12.6	9.5	7.8	8.2	11.0	5.0	3.0
40th	8.6	6.0	7.5	12.4	8.8	14.4	9.5	6.2	14.1	11.0	10.5	9.3	12.5	6.5	3.5
50th	10.5	7.0	9.0	14.2	10.5	16.6	10.5	8.5	17.0	12.5	13.5	12.2	14.0	9.0	3.5
60th	12.0	8.0	10.0	16.3	12.8	20.4	12.0	11.3	19.8	14.5	15.7	15.0	16.0	9.0	5.0
70th	14.5	9.4	12.0	18.9	14.6	23.2	14.0	12.8	22.6	15.5	18.1	16.4	19.0	10.0	5.5
80th	17.6	10.5	13.5	22.6	17.6	26.7	16.0	14.5	24.8	17.0	20.1	17.5	20.0	13.0	7.0
85th	20.0	11.5	14.5	23.7	20.0	28.9	17.5	16.0	28.5	18.5	26.6	17.9	20.5	13.5	8.5
90th	23.5	13.5	16.5	26.0	24.3	35.0	19.5	18.4	30.0	20.0	29.0	24.0	21.0	14.5	11.5
95th	30.0	16.0	20.5	33.0	29.9	42.0	23.0	24.5	34.3	30.0	33.5	25.5	29.5	15.0	12.0
98th	39.7	20.0	32.0	38.3	32.8	53.5	25.5	34.6	43.6	37.0	35.5	28.0	35.0	16.0	18.0
99th	49.5	23.0	41.5	40.5	43.6	55.2	28.5	35.4	52.5	53.5	35.5	28.0	52.5	16.0	18.0
Maximum	129.5	34.0	123.5	49.6	76.0	61.7	47.5	35.5	129.5	57.5	38.7	32.0	52.5	16.0	18.0

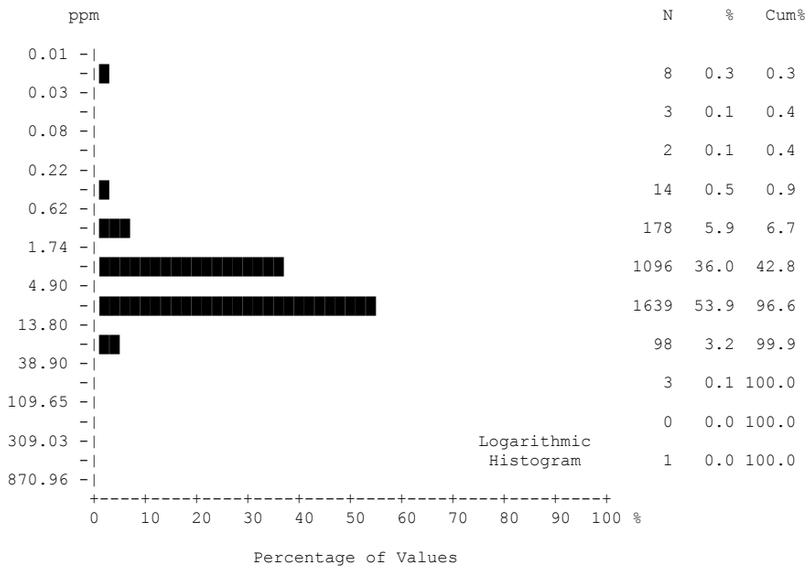
Lanthanum (La)

Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.5
analytical method : ICPMS

Lanthanum by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	lmJHz	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3034	670	437	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	45	16	1	0	2	0	0	2	0	0	0
Mean	6.13	6.41	6.84	5.23	5.16	5.74	6.71	4.37	6.24	8.82	3.06	7.56	8.12	19.96	4.97
Median	5.41	5.82	6.48	4.82	4.69	5.10	5.85	3.65	5.09	6.78	2.04	6.94	5.82	5.10	4.00
Mode	3.67	4.07	0.01	3.03	4.20	5.14	3.11	1.16	3.01	5.36	1.31	2.00	5.82	1.82	6.41
Range	342.29	23.14	16.99	15.11	27.63	63.05	16.82	19.06	22.57	26.68	8.52	13.37	17.29	340.48	10.52
St Dev	7.21	3.23	3.21	2.87	3.32	4.74	3.34	3.48	4.00	5.04	2.21	3.39	4.27	70.30	2.43
Coef Var	1.176	0.503	0.469	0.550	0.644	0.826	0.498	0.797	0.640	0.571	0.722	0.448	0.526	3.522	0.488
Log Mean	0.694	0.749	0.751	0.647	0.630	0.671	0.775	0.501	0.713	0.891	0.386	0.833	0.860	0.770	0.656
Geo Mean	4.94	5.61	5.63	4.44	4.26	4.69	5.95	3.17	5.17	7.79	2.43	6.81	7.24	5.88	4.53
Log StDv	0.318	0.265	0.392	0.264	0.282	0.285	0.216	0.365	0.278	0.208	0.291	0.205	0.205	0.425	0.184
Log CVar	0.458	0.354	0.522	0.407	0.448	0.425	0.279	0.730	0.390	0.233	0.753	0.246	0.239	0.553	0.280
Percntls															
Minimum	0.01	0.01	0.01	0.56	0.28	0.14	1.89	0.33	0.69	3.67	0.66	2.00	2.91	1.82	2.16
10th	2.11	3.31	3.10	1.99	1.82	1.95	3.11	1.05	2.16	4.67	1.09	3.50	4.18	2.76	2.68
20th	3.26	3.94	4.14	2.65	2.56	2.77	3.98	1.35	3.13	5.15	1.34	4.46	5.05	3.32	3.04
30th	3.99	4.48	4.95	3.47	3.35	3.59	4.62	1.81	4.14	5.41	1.46	5.07	5.19	3.82	3.56
40th	4.68	5.13	5.82	4.18	4.04	4.35	5.22	2.48	4.48	6.17	1.77	6.32	5.75	4.01	3.76
50th	5.41	5.82	6.48	4.82	4.69	5.10	5.85	3.65	5.09	6.78	2.04	6.94	5.82	5.10	4.00
60th	6.13	6.33	7.24	5.62	5.20	5.91	6.76	4.24	5.96	8.12	2.76	8.00	7.32	5.82	4.83
70th	6.99	7.03	8.34	6.20	5.64	6.81	7.54	5.33	6.87	9.31	3.46	8.50	8.49	6.55	5.21
80th	8.30	8.30	9.47	7.34	6.98	7.74	9.67	7.08	8.69	11.47	4.67	10.32	11.88	7.46	6.32
85th	9.10	9.07	10.03	8.06	7.86	8.40	10.37	8.04	9.60	12.65	5.75	11.06	12.26	8.08	6.41
90th	10.43	10.24	11.11	8.91	8.96	9.82	11.07	8.73	10.93	15.68	6.60	13.37	13.31	8.66	6.41
95th	12.54	13.79	12.64	11.03	10.73	11.95	12.88	10.19	13.66	19.45	7.75	14.06	14.17	9.50	9.56
98th	15.32	15.38	14.56	13.17	13.53	14.53	14.39	13.80	17.87	20.96	8.66	14.47	19.54	342.30	12.68
99th	17.06	16.45	15.58	14.47	16.74	15.52	15.61	15.23	18.91	21.49	8.66	14.47	20.20	342.30	12.68
Maximum	342.30	23.15	17.00	15.67	27.91	63.19	18.71	19.39	23.26	30.35	9.18	15.37	20.20	342.30	12.68

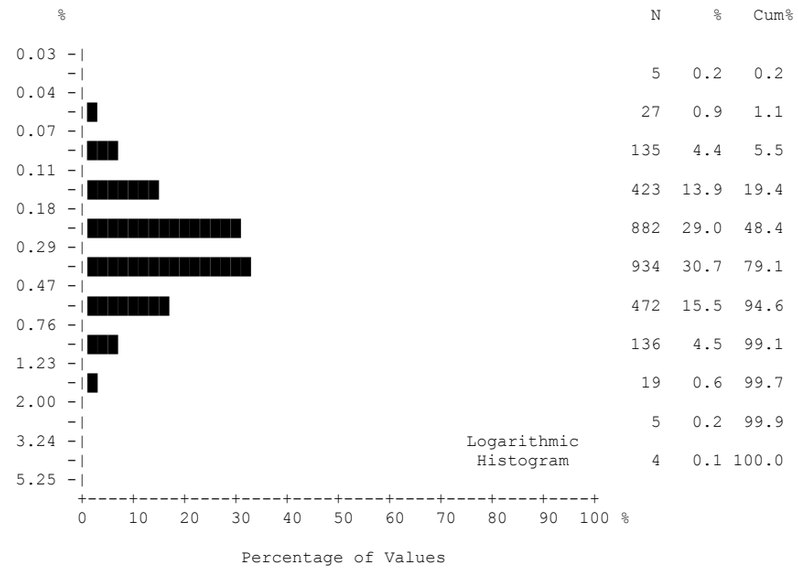
Lead (Pb)

Lake Sediment

number of values	: 3042
units	: ppm
detection limit	: 0.01
analytical method	: ICPMS

Lead by ICPMS

Summary Statistics - Lake Sites



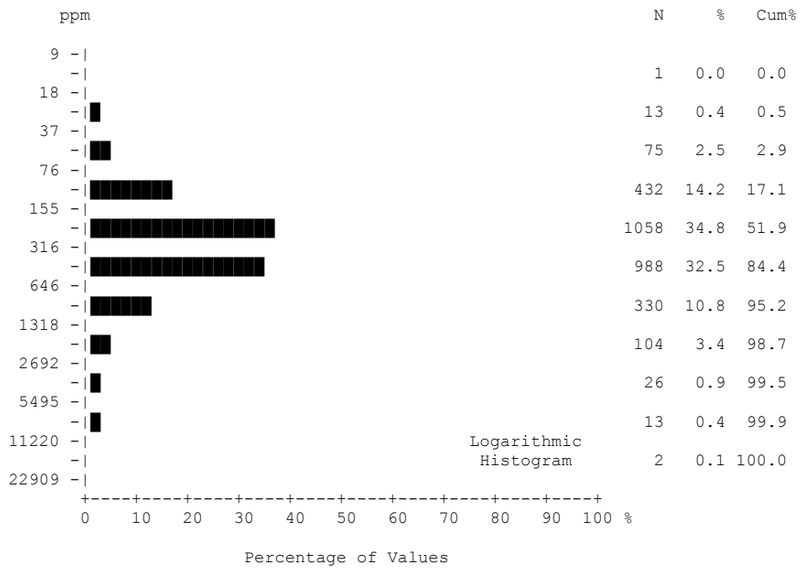
	All	TrJTk	MTrCc	ETEn	lmJHz	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	45	16	1	0	2	0	0	2	0	0	0
Mean	0.35	0.41	0.42	0.32	0.26	0.24	0.37	0.30	0.30	0.30	0.22	0.30	0.43	0.35	0.23
Median	0.29	0.33	0.38	0.29	0.24	0.21	0.34	0.27	0.28	0.22	0.20	0.28	0.36	0.31	0.14
Mode	0.21	0.39	0.22	0.19	0.18	0.20	0.25	0.27	0.27	0.12	0.10	0.22	0.33	0.25	0.07
Range	4.73	2.81	4.33	0.78	0.73	0.70	1.16	0.86	0.94	0.87	0.72	0.54	1.94	0.66	0.85
St Dev	0.27	0.29	0.30	0.16	0.13	0.11	0.18	0.17	0.16	0.21	0.13	0.11	0.32	0.18	0.23
Coef Var	0.769	0.704	0.704	0.489	0.496	0.448	0.480	0.570	0.539	0.685	0.579	0.378	0.752	0.528	0.985
Log Mean	-0.538	-0.489	-0.441	-0.545	-0.639	-0.656	-0.477	-0.590	-0.587	-0.629	-0.722	-0.550	-0.439	-0.508	-0.787
Geo Mean	0.29	0.32	0.36	0.29	0.23	0.22	0.33	0.26	0.26	0.24	0.19	0.28	0.36	0.31	0.16
Log StDv	0.268	0.303	0.244	0.216	0.226	0.188	0.199	0.241	0.250	0.321	0.253	0.165	0.247	0.203	0.346
Log CVar	-0.499	-0.620	-0.554	-0.397	-0.354	-0.286	-0.418	-0.408	-0.427	-0.511	-0.350	-0.300	-0.564	-0.400	-0.440
Percntls															
Minimum	0.04	0.04	0.05	0.06	0.06	0.07	0.11	0.07	0.04	0.05	0.04	0.10	0.09	0.14	0.06
10th	0.13	0.13	0.18	0.15	0.11	0.12	0.17	0.13	0.11	0.08	0.08	0.16	0.16	0.18	0.07
20th	0.18	0.18	0.23	0.19	0.16	0.15	0.22	0.16	0.16	0.12	0.11	0.22	0.25	0.21	0.07
30th	0.21	0.23	0.28	0.21	0.18	0.18	0.25	0.18	0.23	0.14	0.15	0.23	0.29	0.23	0.09
40th	0.25	0.27	0.32	0.24	0.21	0.20	0.30	0.21	0.27	0.18	0.17	0.25	0.33	0.25	0.10
50th	0.29	0.33	0.38	0.29	0.24	0.21	0.34	0.27	0.28	0.22	0.20	0.28	0.36	0.31	0.14
60th	0.34	0.39	0.42	0.33	0.27	0.25	0.40	0.29	0.31	0.32	0.23	0.30	0.44	0.32	0.15
70th	0.40	0.49	0.48	0.38	0.30	0.28	0.44	0.35	0.34	0.36	0.26	0.35	0.48	0.37	0.20
80th	0.48	0.61	0.56	0.44	0.36	0.32	0.50	0.45	0.39	0.49	0.31	0.39	0.51	0.40	0.33
85th	0.54	0.69	0.61	0.47	0.39	0.35	0.54	0.49	0.41	0.57	0.34	0.42	0.57	0.50	0.43
90th	0.63	0.77	0.68	0.53	0.42	0.38	0.56	0.54	0.49	0.59	0.36	0.45	0.62	0.69	0.50
95th	0.76	0.94	0.84	0.65	0.50	0.43	0.64	0.62	0.56	0.67	0.41	0.51	0.70	0.76	0.73
98th	1.03	1.15	1.09	0.72	0.60	0.53	0.74	0.75	0.70	0.74	0.61	0.54	0.74	0.80	0.91
99th	1.21	1.30	1.22	0.78	0.61	0.55	0.99	0.76	0.86	0.78	0.61	0.54	2.03	0.80	0.91
Maximum	4.77	2.85	4.38	0.84	0.79	0.77	1.27	0.93	0.98	0.92	0.76	0.64	2.03	0.80	0.91

Magnesium (Mg)
Lake Sediment

number of values : 3042
units : %
detection limit : 0.01
analytical method : ICPMS

Magnesium by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	lmJHz	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	45	16	1	0	2	0	0	2	0	0	0
Mean	473.3	416.5	576.4	420.4	478.7	366.6	427.5	358.3	428.1	387.8	588.9	565.6	341.4	427.9	492.4
Median	307.0	249.0	364.0	297.0	322.0	295.0	333.0	275.0	300.0	215.0	303.0	312.0	296.0	384.0	163.0
Mode	191.0	139.0	116.0	122.0	167.0	107.0	195.0	199.0	174.0	186.0	89.0	235.0	137.0	111.0	49.0
Range	17115	9986	9950	5506	4644	2962	2569	1491	1829	8499	11902	3359	901	1192	4227
St Dev	773.34	828.69	867.69	437.84	505.65	309.23	384.42	279.96	361.54	983.25	1458.60	661.56	206.33	273.73	1014.20
Coef Var	1.634	1.990	1.505	1.042	1.056	0.843	0.899	0.781	0.844	2.535	2.477	1.170	0.604	0.640	2.060
Log Mean	2.500	2.395	2.582	2.514	2.533	2.467	2.526	2.457	2.508	2.338	2.476	2.571	2.463	2.561	2.295
Geo Mean	316.4	248.5	381.9	326.6	341.0	292.9	336.0	286.7	321.8	217.6	299.5	372.3	290.7	363.9	197.4
Log StDv	0.353	0.382	0.355	0.286	0.344	0.283	0.286	0.286	0.328	0.374	0.442	0.375	0.250	0.251	0.501
Log CVar	0.141	0.160	0.138	0.114	0.136	0.115	0.113	0.116	0.131	0.160	0.179	0.146	0.101	0.980	0.218
Percntls															
Minimum	14	14	50	54	58	61	84	36	52	40	23	81	94	111	49
10th	118	91	134	154	125	127	150	138	138	76	89	109	137	124	49
20th	170	126	204	190	175	166	185	186	178	108	165	193	157	244	83
30th	213	165	255	233	213	217	221	202	214	140	188	231	193	276	102
40th	262	199	304	265	274	250	284	223	259	183	223	248	256	339	106
50th	307	249	364	297	322	295	333	275	300	215	303	312	296	384	163
60th	366	292	445	350	394	346	386	318	344	252	371	375	328	418	173
70th	445	353	530	428	484	405	451	374	431	287	484	462	383	439	188
80th	571	439	675	589	642	480	537	466	643	373	550	710	466	482	387
85th	665	513	816	667	807	548	618	513	679	438	617	1027	515	634	455
90th	839	618	1117	755	959	607	673	694	888	540	732	1313	570	667	533
95th	1279	993	1461	990	1348	784	1089	889	1163	771	1602	1505	620	1021	2744
98th	2021	2515	2977	1592	1917	1165	1753	1384	1557	1332	2317	3009	867	1303	4276
99th	3203	4087	5281	2021	2056	1520	2399	1515	1721	1537	2317	3009	995	1303	4276
Maximum	17129	10000	10000	5560	4702	3023	2653	1527	1881	8539	11925	3440	995	1303	4276

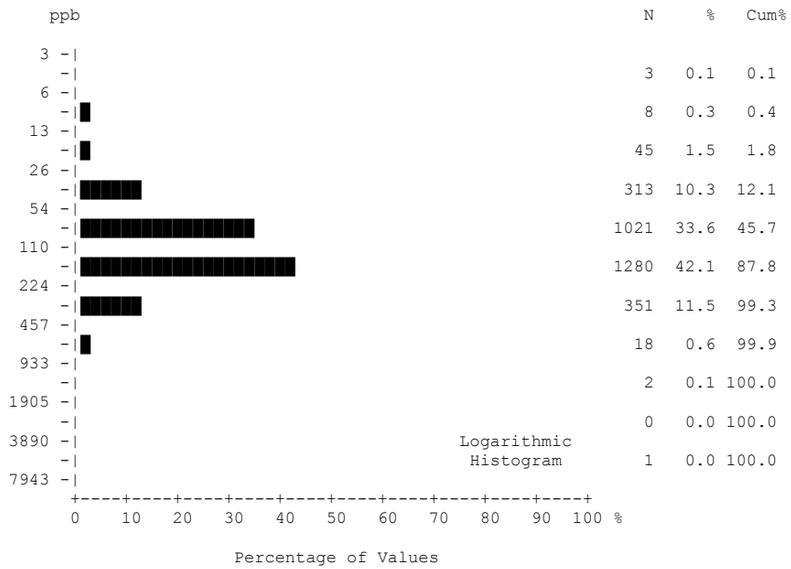
Manganese (Mn)

Lake Sediment

number of values	: 3042
units	: ppm
detection limit	: 1
analytical method	: ICPMS

Manganese by ICPMS

Summary Statistics - Lake Sites



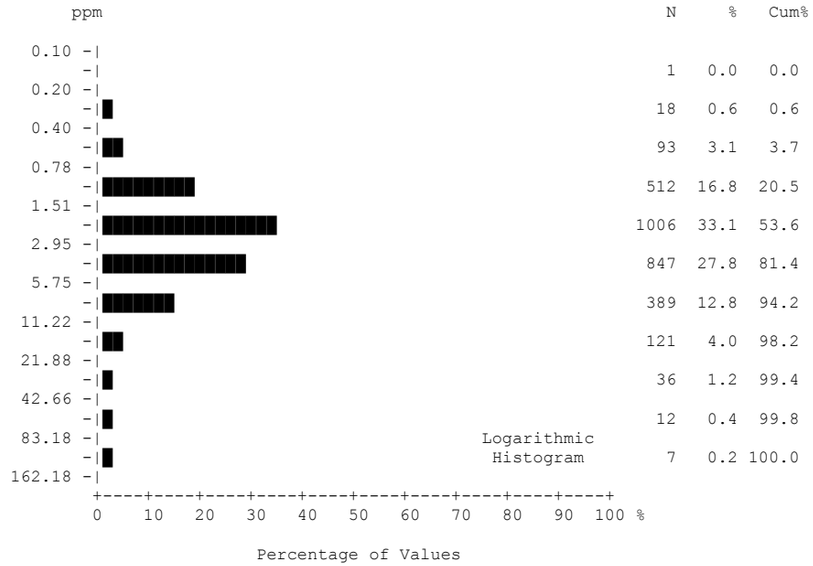
	All	TrJTk	MTrCc	ETEn	lmJHz	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3039	671	442	306	261	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	45	16	1	0	2	0	0	2	0	0	0
Mean	135.0	176.2	121.4	118.4	127.1	118.1	123.9	109.4	109.5	205.5	120.4	168.5	115.1	126.1	132.3
Median	115.0	160.0	90.0	110.0	118.0	108.0	115.0	93.0	103.0	200.0	110.0	150.0	100.0	110.0	110.0
Mode	115.0	130.0	80.0	50.0	125.0	45.0	130.0	100.0	50.0	100.0	102.0	128.0	85.0	80.0	135.0
Range	6035	930	6030	337	321	477	330	340	367	410	293	364	270	195	325
St Dev	139.40	105.45	302.56	62.57	64.90	62.49	63.44	69.59	59.09	88.07	53.38	82.38	56.83	60.45	78.42
Coef Var	1.033	0.598	2.493	0.528	0.510	0.529	0.512	0.636	0.540	0.429	0.443	0.489	0.494	0.479	0.593
Log Mean	2.043	2.169	1.949	2.011	2.037	2.020	2.037	1.961	1.984	2.266	2.045	2.183	2.010	2.054	2.070
Geo Mean	110.4	147.5	88.9	102.5	108.9	104.7	109.0	91.4	96.3	184.5	110.9	152.4	102.3	113.3	117.5
Log StDv	0.276	0.277	0.278	0.243	0.267	0.214	0.225	0.264	0.224	0.216	0.176	0.192	0.228	0.205	0.202
Log CVar	0.135	0.128	0.143	0.121	0.131	0.106	0.111	0.135	0.113	0.095	0.086	0.088	0.114	0.100	0.980
Percntls															
Minimum	5	10	10	13	5	29	30	20	23	40	37	62	15	50	65
10th	50	65	40	50	51	54	55	41	50	100	66	90	60	55	65
20th	65	95	50	61	68	72	65	54	65	115	84	101	80	80	75
30th	85	115	70	78	89	83	85	67	75	145	94	115	85	85	85
40th	100	135	80	94	104	95	95	78	85	175	101	128	95	90	95
50th	115	160	90	110	118	108	115	93	103	200	110	150	100	110	110
60th	131	180	105	125	128	119	130	105	110	230	120	160	115	135	120
70th	155	205	125	145	151	134	145	127	125	255	130	175	120	145	135
80th	185	235	145	161	181	154	175	150	142	275	149	199	135	150	165
85th	210	260	155	171	200	167	185	165	148	305	160	250	155	225	165
90th	240	300	180	195	225	183	200	200	178	320	175	272	190	225	195
95th	290	370	215	245	251	222	240	263	208	350	225	355	230	245	300
98th	354	485	255	290	281	302	290	325	265	355	315	371	260	245	390
99th	422	530	345	310	294	313	320	345	310	395	315	371	285	245	390
Maximum	6040	940	6040	350	326	506	360	360	390	450	330	426	285	245	390

Mercury (Hg)
Lake Sediment

number of values : 3042
units : ppb
detection limit : 5
analytical method : ICPMS

Mercury by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	4.45	4.52	4.24	2.96	3.58	3.63	3.66	3.88	3.48	2.95	9.19	1.45	5.40	4.93	4.44
Median	2.76	3.04	3.01	2.01	2.65	2.19	2.93	2.63	2.75	1.98	6.09	1.32	2.25	4.39	2.52
Mode	1.88	1.86	1.57	1.65	2.46	1.12	1.04	1.38	0.95	1.17	3.70	0.82	1.31	3.85	1.29
Range	155.00	67.10	40.51	44.25	29.78	88.30	11.20	42.51	12.64	19.16	42.86	3.94	94.59	9.32	29.63
St Dev	7.18	5.40	4.55	3.60	3.20	6.27	2.37	4.94	2.55	2.91	9.51	0.74	15.98	2.63	6.83
Coef Var	1.612	1.195	1.073	1.217	0.894	1.727	0.649	1.272	0.731	0.985	1.035	0.510	2.960	0.533	1.538
Log Mean	0.465	0.496	0.500	0.339	0.447	0.375	0.478	0.440	0.444	0.351	0.804	0.116	0.413	0.635	0.457
Geo Mean	2.92	3.14	3.16	2.18	2.80	2.37	3.01	2.75	2.78	2.24	6.37	1.31	2.59	4.32	2.86
Log StDv	0.361	0.356	0.311	0.309	0.289	0.365	0.276	0.330	0.290	0.301	0.365	0.200	0.360	0.231	0.328
Log CVar	0.776	0.719	0.623	0.913	0.646	0.973	0.579	0.753	0.652	0.860	0.454	1.743	0.872	0.363	0.720
Percntls															
Minimum	0.20	0.27	0.27	0.29	0.63	0.21	0.70	0.32	0.76	0.32	0.77	0.40	0.89	1.56	1.29
10th	1.12	1.15	1.40	0.94	1.25	0.90	1.32	1.37	1.26	1.10	2.44	0.71	1.18	1.91	1.36
20th	1.50	1.63	1.80	1.21	1.61	1.19	1.74	1.61	1.49	1.28	3.70	0.95	1.33	2.61	1.66
30th	1.85	1.96	2.17	1.52	1.88	1.47	1.97	1.82	1.73	1.59	4.15	1.02	1.49	3.44	2.00
40th	2.23	2.58	2.59	1.73	2.27	1.81	2.46	2.14	2.11	1.76	5.17	1.12	1.82	3.85	2.30
50th	2.76	3.04	3.01	2.01	2.65	2.19	2.93	2.63	2.75	1.98	6.09	1.32	2.25	4.39	2.52
60th	3.33	3.64	3.48	2.42	3.11	2.89	3.65	2.89	3.48	2.51	6.77	1.40	2.76	4.65	2.67
70th	4.21	4.79	4.28	3.05	3.78	3.42	4.23	3.38	4.17	2.79	7.62	1.59	3.43	5.35	2.91
80th	5.51	6.28	5.29	3.71	4.64	4.47	5.10	4.50	4.89	3.43	11.04	1.79	3.94	6.09	3.32
85th	6.63	7.25	6.27	4.29	5.57	5.05	5.90	4.98	5.52	4.03	14.06	1.93	4.15	7.67	3.65
90th	8.29	8.51	7.38	5.20	6.55	6.16	7.37	7.01	6.28	5.47	19.85	2.30	5.32	9.70	3.97
95th	12.23	11.47	11.42	7.34	10.42	10.70	8.73	10.55	8.88	7.49	32.33	2.64	5.64	10.08	18.10
98th	20.62	19.17	19.92	12.56	12.70	17.01	10.67	16.11	10.61	10.88	43.57	3.68	5.93	10.88	30.92
99th	31.66	29.71	26.86	18.69	13.22	18.34	10.68	22.83	12.00	11.68	43.57	3.68	95.48	10.88	30.92
Maximum	155.20	67.37	40.78	44.54	30.41	88.51	11.90	42.83	13.40	19.48	43.63	4.34	95.48	10.88	30.92

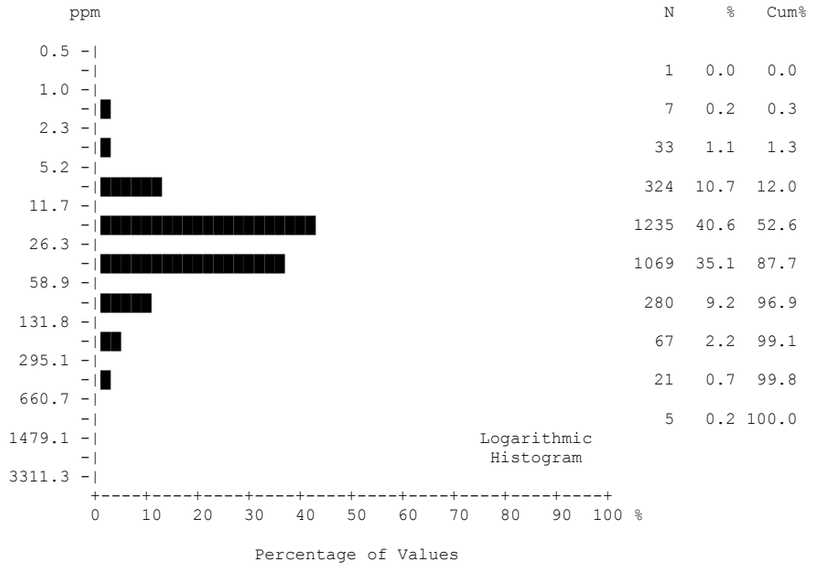
Molybdenum (Mo)

Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.01
analytical method : ICPMS

Molybdenum by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	38.46	46.37	53.85	24.22	19.78	18.80	37.00	40.63	22.88	41.80	15.76	29.33	64.51	47.85	18.97
Median	25.20	32.90	36.50	22.80	18.30	17.20	30.90	30.10	20.90	30.70	13.40	28.30	47.20	27.20	11.10
Mode	23.20	16.00	11.40	15.90	15.60	15.30	18.40	16.70	19.50	15.20	13.40	15.20	65.60	12.30	10.40
Range	1426.5	431.7	1422.7	94.3	51.8	65.9	124.6	143.7	62.9	98.5	125.2	47.9	369.4	367.0	66.9
St Dev	66.31	42.77	89.91	12.34	9.19	9.69	23.88	30.20	11.46	26.76	15.17	9.91	67.87	76.43	16.43
Coef Var	1.724	0.922	1.670	0.509	0.464	0.515	0.645	0.743	0.501	0.640	0.963	0.338	1.052	1.597	0.866
Log Mean	1.418	1.530	1.562	1.328	1.254	1.208	1.494	1.505	1.301	1.541	1.127	1.443	1.674	1.480	1.173
Geo Mean	26.20	33.89	36.45	21.30	17.95	16.15	31.21	32.00	19.98	34.77	13.39	27.75	47.23	30.18	14.90
Log StDv	0.337	0.343	0.342	0.232	0.192	0.268	0.252	0.302	0.238	0.263	0.215	0.147	0.331	0.351	0.283
Log CVar	0.238	0.224	0.219	0.175	0.153	0.221	0.168	0.201	0.183	0.171	0.191	0.102	0.198	0.237	0.241
Percntls															
Minimum	0.5	1.1	4.3	1.7	4.4	0.5	6.0	6.2	5.4	8.8	3.8	12.5	7.8	12.3	5.9
10th	10.9	13.1	13.6	10.8	10.1	7.6	15.5	13.7	9.4	17.4	7.5	16.3	17.3	13.6	7.7
20th	14.7	17.6	21.7	14.2	12.2	10.7	19.1	16.7	11.9	20.7	9.4	21.2	28.3	15.0	8.8
30th	17.8	21.7	27.4	17.0	14.5	13.5	22.6	22.1	15.3	24.5	10.3	21.8	31.7	17.0	10.4
40th	21.1	27.6	31.3	19.9	16.3	15.6	27.0	26.5	19.1	27.9	12.0	25.1	41.5	20.1	10.9
50th	25.2	32.9	36.5	22.8	18.3	17.2	30.9	30.1	20.9	30.7	13.4	28.3	47.2	27.2	11.1
60th	29.6	39.2	42.1	25.8	19.8	19.1	33.0	34.8	24.6	37.0	13.9	31.8	53.2	33.4	13.4
70th	35.2	48.3	48.4	28.5	22.5	21.9	44.2	44.1	27.7	43.3	15.6	34.0	56.6	35.7	13.7
80th	44.7	65.8	58.0	31.8	25.6	25.5	49.2	55.6	32.7	69.2	18.0	35.9	65.6	45.6	31.0
85th	52.2	77.4	66.8	34.8	27.4	28.0	53.9	71.7	35.5	79.2	18.9	37.3	66.8	54.8	31.2
90th	66.6	102.5	82.0	39.2	31.1	31.0	64.6	86.7	36.8	86.0	23.4	42.6	138.7	61.2	40.3
95th	101.0	128.8	148.6	43.6	37.1	34.5	80.3	100.3	40.3	95.2	25.9	44.0	170.8	126.5	48.4
98th	160.0	169.3	266.1	50.3	47.9	45.6	116.8	125.7	44.7	106.2	39.6	51.7	176.5	379.3	72.8
99th	258.5	211.9	379.8	72.6	50.2	48.5	126.9	149.7	51.8	106.7	39.6	51.7	377.2	379.3	72.8
Maximum	1427.0	432.8	1427.0	96.0	56.2	66.4	130.6	149.9	68.3	107.3	129.0	60.4	377.2	379.3	72.8

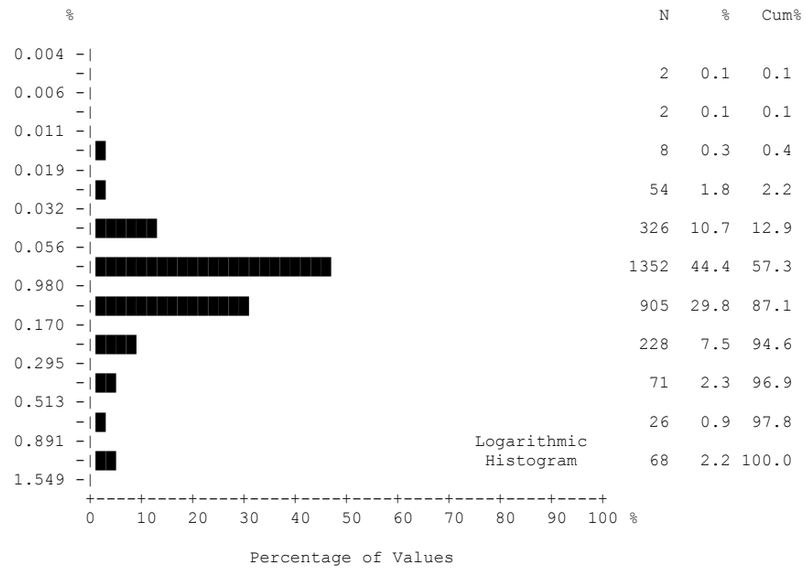
Nickel (Ni)

Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.1
analytical method : ICPMS

Nickel by ICPMS

Summary Statistics - Lake Sites



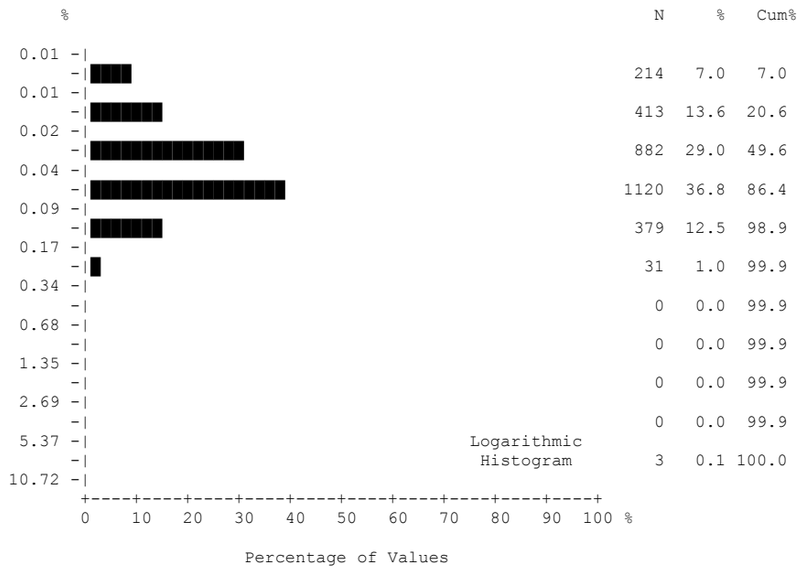
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	0.13	0.12	0.14	0.15	0.10	0.12	0.13	0.12	0.11	0.16	0.14	0.14	0.16	0.10	0.09
Median	0.09	0.09	0.09	0.10	0.08	0.09	0.09	0.09	0.09	0.13	0.09	0.10	0.11	0.09	0.06
Mode	0.08	0.09	0.08	0.11	0.06	0.10	0.08	0.07	0.11	0.11	0.07	0.09	0.10	0.07	0.05
Range	1.375	1.014	1.375	0.960	0.975	0.976	0.956	0.945	0.949	0.951	0.966	0.935	0.941	0.154	0.220
St Dev	0.15	0.14	0.17	0.20	0.12	0.12	0.15	0.12	0.10	0.14	0.19	0.14	0.19	0.03	0.06
Coef Var	1.186	1.189	1.265	1.351	1.140	1.080	1.223	0.991	0.920	0.890	1.359	1.008	1.177	0.364	0.709
Log Mean	-1.008	-1.044	-0.994	-0.970	-1.062	-1.034	-1.010	-1.020	-1.034	-0.887	-1.004	-0.955	-0.921	-1.046	-1.142
Geo Mean	0.10	0.09	0.10	0.11	0.09	0.09	0.10	0.10	0.09	0.13	0.10	0.11	0.12	0.09	0.07
Log StDv	0.275	0.297	0.288	0.289	0.211	0.254	0.250	0.248	0.207	0.259	0.314	0.243	0.280	0.153	0.293
Log CVar	-0.273	-0.285	-0.290	-0.298	-0.199	-0.246	-0.247	-0.243	-0.200	-0.292	-0.312	-0.255	-0.304	-0.146	-0.257
Percntls															
Minimum	0.006	0.006	0.006	0.030	0.025	0.014	0.034	0.035	0.031	0.039	0.024	0.045	0.049	0.039	0.025
10th	0.052	0.042	0.057	0.059	0.054	0.047	0.052	0.054	0.055	0.065	0.041	0.060	0.053	0.053	0.029
20th	0.065	0.057	0.068	0.072	0.063	0.063	0.070	0.063	0.070	0.084	0.067	0.079	0.072	0.074	0.032
30th	0.076	0.066	0.076	0.079	0.071	0.074	0.079	0.071	0.077	0.096	0.074	0.085	0.094	0.080	0.045
40th	0.083	0.077	0.082	0.087	0.076	0.083	0.084	0.078	0.085	0.110	0.083	0.089	0.104	0.084	0.049
50th	0.091	0.087	0.091	0.096	0.082	0.093	0.089	0.086	0.091	0.125	0.087	0.095	0.111	0.087	0.061
60th	0.102	0.096	0.096	0.105	0.090	0.100	0.100	0.096	0.101	0.138	0.100	0.105	0.123	0.094	0.077
70th	0.114	0.114	0.117	0.113	0.096	0.109	0.106	0.107	0.109	0.168	0.113	0.120	0.142	0.101	0.101
80th	0.133	0.135	0.139	0.127	0.110	0.119	0.119	0.120	0.116	0.200	0.138	0.153	0.154	0.110	0.132
85th	0.154	0.161	0.159	0.145	0.120	0.132	0.138	0.130	0.122	0.220	0.174	0.182	0.168	0.117	0.144
90th	0.194	0.202	0.195	0.197	0.140	0.161	0.164	0.191	0.141	0.240	0.198	0.233	0.207	0.127	0.206
95th	0.314	0.282	0.369	0.793	0.172	0.282	0.194	0.327	0.182	0.277	0.364	0.333	0.263	0.171	0.212
98th	0.980	0.832	0.980	0.980	0.270	0.382	0.980	0.469	0.270	0.657	0.990	0.378	0.740	0.193	0.245
99th	0.980	0.980	0.990	0.990	0.980	0.980	0.980	0.484	0.290	0.665	0.990	0.378	0.990	0.193	0.245
Maximum	1.381	1.020	1.381	0.990	1.000	0.990	0.990	0.980	0.980	0.990	0.990	0.980	0.990	0.193	0.245

Phosphorus (P)
Lake Sediment

number of values : 3042
units : %
detection limit : 0.001
analytical method : ICPMS

Phosphorus by ICPMS

Summary Statistics - Lake Sites



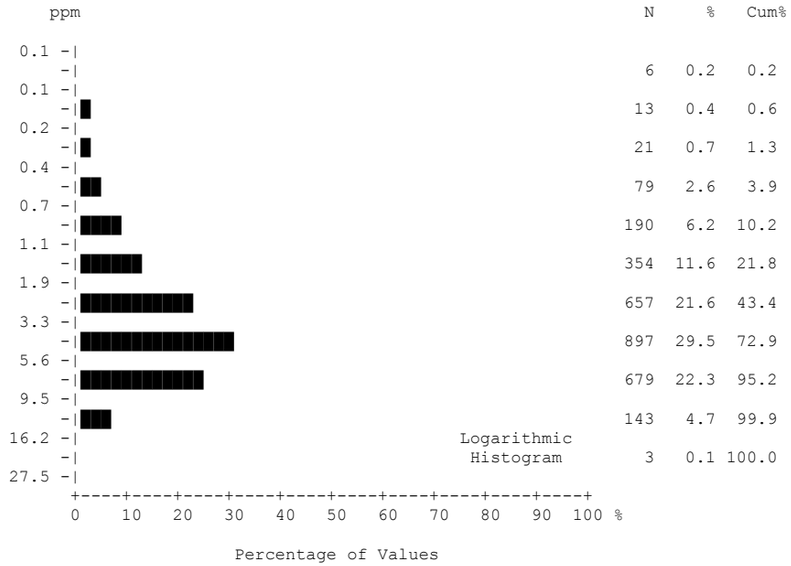
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	2828	578	413	303	258	239	118	102	97	75	60	53	34	22	15
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	0.06	0.06	0.08	0.06	0.06	0.05	0.06	0.04	0.06	0.06	0.18	0.06	0.06	0.05	0.03
Median	0.05	0.03	0.05	0.06	0.06	0.04	0.05	0.03	0.06	0.04	0.03	0.06	0.06	0.03	0.02
Mode	0.03	0.02	0.04	0.04	0.05	0.02	0.04	0.02	0.07	0.03	0.02	0.05	0.03	0.03	0.01
Range	9.99	9.99	9.99	0.14	0.14	0.12	0.20	0.19	0.14	0.26	9.99	0.10	0.10	0.15	0.09
St Dev	0.31	0.39	0.47	0.03	0.03	0.03	0.04	0.03	0.03	0.05	1.21	0.02	0.03	0.04	0.02
Coef Var	5.097	6.669	6.090	0.460	0.458	0.556	0.626	0.821	0.446	0.765	6.688	0.413	0.415	0.736	0.869
Log Mean	-1.370	-1.471	-1.340	-1.276	-1.260	-1.419	-1.278	-1.516	-1.271	-1.335	-1.504	-1.261	-1.235	-1.391	-1.668
Geo Mean	0.04	0.03	0.05	0.05	0.05	0.04	0.05	0.03	0.05	0.05	0.03	0.05	0.06	0.04	0.02
Log StDv	0.296	0.323	0.308	0.225	0.233	0.275	0.245	0.296	0.224	0.300	0.402	0.202	0.197	0.269	0.300
Log CVar	-0.216	-0.220	-0.230	-0.177	-0.185	-0.194	-0.192	-0.196	-0.177	-0.225	-0.267	-0.160	-0.159	-0.193	-0.180
Percntls															
Minimum	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01
10th	0.02	0.01	0.02	0.02	0.03	0.02	0.03	0.01	0.03	0.02	0.01	0.03	0.03	0.02	0.01
20th	0.02	0.02	0.03	0.04	0.03	0.02	0.03	0.02	0.03	0.02	0.02	0.04	0.04	0.03	0.01
30th	0.03	0.02	0.03	0.04	0.05	0.03	0.04	0.02	0.05	0.03	0.02	0.05	0.05	0.03	0.01
40th	0.04	0.03	0.04	0.05	0.05	0.04	0.04	0.02	0.05	0.03	0.02	0.05	0.05	0.03	0.02
50th	0.05	0.03	0.05	0.06	0.06	0.04	0.05	0.03	0.06	0.04	0.03	0.06	0.06	0.03	0.02
60th	0.05	0.04	0.05	0.07	0.07	0.05	0.06	0.03	0.07	0.06	0.03	0.07	0.07	0.04	0.02
70th	0.06	0.05	0.06	0.07	0.08	0.06	0.07	0.04	0.07	0.08	0.04	0.07	0.08	0.04	0.03
80th	0.07	0.06	0.08	0.08	0.09	0.06	0.09	0.05	0.08	0.09	0.05	0.08	0.09	0.06	0.04
85th	0.08	0.07	0.08	0.09	0.09	0.07	0.10	0.06	0.08	0.10	0.05	0.08	0.09	0.09	0.04
90th	0.09	0.08	0.10	0.10	0.10	0.09	0.11	0.07	0.10	0.10	0.06	0.10	0.10	0.11	0.04
95th	0.11	0.10	0.12	0.11	0.11	0.09	0.13	0.10	0.11	0.15	0.07	0.10	0.10	0.12	0.09
98th	0.14	0.16	0.18	0.12	0.13	0.10	0.19	0.15	0.11	0.16	0.11	0.11	0.12	0.16	0.10
99th	0.17	0.17	0.21	0.12	0.14	0.11	0.20	0.15	0.13	0.16	0.11	0.11	0.12	0.16	0.10
Maximum	10.00	10.00	10.00	0.15	0.15	0.13	0.22	0.20	0.15	0.27	10.00	0.12	0.12	0.16	0.10

Potassium (K)
Lake Sediment

number of values : 3042
units : %
detection limit : 0.01
analytical method : ICPMS

Potassium by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3036	667	441	306	262	262	118	116	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	4.31	4.27	3.58	5.32	4.64	4.84	3.96	3.60	4.52	2.91	4.26	5.85	3.23	2.96	2.01
Median	3.90	3.70	3.10	5.10	4.30	4.40	3.80	3.30	4.20	1.80	4.00	5.50	2.60	3.00	1.00
Mode	3.30	1.30	1.70	5.40	3.60	4.40	0.30	1.60	1.10	1.20	1.90	3.30	1.00	3.00	0.50
Range	17.7	15.3	11.7	13.9	16.9	14.4	8.9	10.4	10.9	10.6	11.0	13.5	7.2	7.4	7.7
St Dev	2.79	2.91	2.46	3.01	2.48	2.94	2.22	2.27	2.63	2.66	2.22	2.63	2.09	1.69	2.21
Coef Var	0.647	0.682	0.686	0.566	0.534	0.607	0.561	0.631	0.582	0.913	0.522	0.449	0.649	0.572	1.099
Log Mean	0.525	0.509	0.426	0.642	0.600	0.592	0.498	0.447	0.566	0.285	0.568	0.724	0.402	0.403	0.108
Geo Mean	3.35	3.23	2.67	4.39	3.98	3.91	3.15	2.80	3.68	1.93	3.70	5.30	2.52	2.53	1.28
Log StDv	0.344	0.363	0.373	0.295	0.256	0.311	0.346	0.352	0.309	0.410	0.243	0.201	0.333	0.257	0.405
Log CVar	0.656	0.713	0.876	0.459	0.426	0.526	0.694	0.789	0.546	1.437	0.428	0.278	0.830	0.637	3.748
Percntls															
Minimum	0.1	0.1	0.1	0.4	0.4	0.2	0.2	0.1	0.2	0.2	0.9	1.9	0.5	0.8	0.3
10th	1.1	1.1	0.8	1.7	1.9	1.5	1.1	1.0	1.5	0.6	1.8	2.8	0.8	0.8	0.4
20th	1.8	1.7	1.3	2.5	2.5	2.2	1.9	1.4	1.9	0.9	2.2	3.3	1.0	1.6	0.5
30th	2.5	2.3	1.9	3.3	3.2	3.0	2.3	2.1	2.6	1.1	2.6	4.0	1.7	1.9	0.7
40th	3.2	3.0	2.5	4.0	3.6	3.6	3.2	2.7	3.5	1.2	3.4	5.0	2.4	2.3	0.8
50th	3.9	3.7	3.1	5.1	4.3	4.4	3.8	3.3	4.2	1.8	4.0	5.5	2.6	3.0	1.0
60th	4.6	4.5	3.7	5.8	4.8	4.9	4.4	3.8	4.9	2.3	4.4	6.5	3.2	3.0	1.4
70th	5.3	5.4	4.6	6.5	5.5	6.0	5.0	4.6	5.6	3.3	5.1	7.1	4.4	3.1	1.8
80th	6.5	6.5	5.6	7.8	6.6	7.3	6.0	5.2	6.5	5.3	5.7	7.7	5.2	3.9	3.0
85th	7.1	7.1	6.2	8.6	7.2	7.9	6.5	5.8	7.1	5.9	6.5	7.9	5.7	4.8	3.3
90th	8.0	7.8	7.2	9.4	8.2	8.5	7.3	6.7	8.8	6.9	7.0	9.4	6.2	4.8	5.2
95th	9.5	9.8	8.5	11.4	9.2	10.4	7.7	7.7	9.3	8.2	7.9	9.9	6.3	4.9	7.6
98th	11.7	12.2	9.4	13.0	9.7	12.5	8.7	9.4	10.7	9.2	9.6	10.4	7.7	8.2	8.0
99th	13.0	13.6	10.3	13.1	10.2	13.2	9.0	9.7	10.8	10.3	9.6	10.4	7.7	8.2	8.0
Maximum	17.8	15.4	11.8	14.3	17.3	14.6	9.1	10.5	11.1	10.8	11.9	15.4	7.7	8.2	8.0

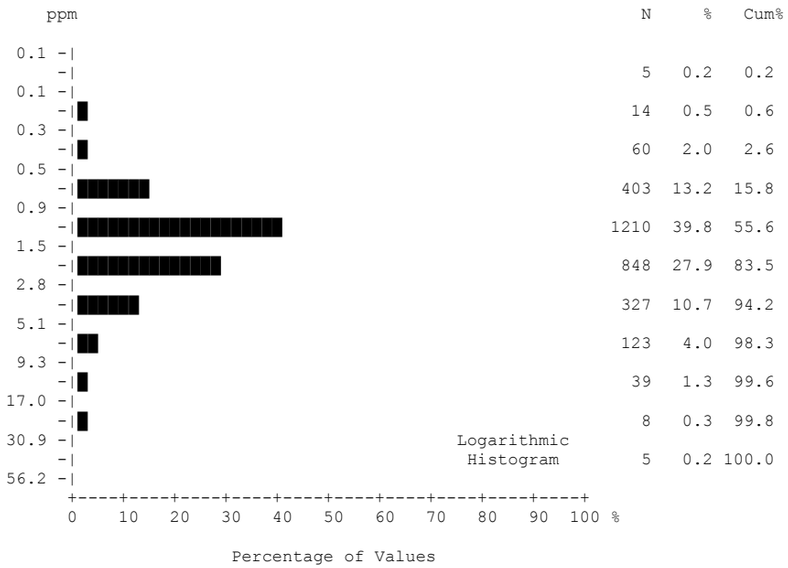
Scandium (Sc)

Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.1
analytical method : ICPMS

Scandium by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3037	671	442	306	262	260	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	2.08	3.36	2.49	1.18	1.19	1.68	1.99	1.35	1.13	1.60	1.95	1.49	1.81	5.18	1.55
Median	1.40	2.20	2.00	1.10	1.10	1.30	1.60	1.10	1.10	1.30	1.60	1.50	1.40	4.20	1.10
Mode	1.30	2.00	1.40	1.00	1.10	1.30	1.30	0.90	1.10	1.10	1.60	1.30	1.40	3.60	0.50
Range	39.2	39.1	13.8	7.7	6.4	20.3	7.3	6.1	4.6	6.9	9.7	2.8	5.6	14.5	7.0
St Dev	2.41	4.05	2.04	0.68	0.58	1.69	1.26	0.90	0.59	1.09	1.47	0.51	1.15	3.37	1.69
Coef Var	1.160	1.208	0.822	0.576	0.486	1.007	0.632	0.666	0.521	0.680	0.758	0.342	0.639	0.649	1.086
Log Mean	0.190	0.372	0.285	0.028	0.037	0.122	0.228	0.062	0.009	0.127	0.209	0.151	0.198	0.637	0.029
Geo Mean	1.55	2.36	1.93	1.07	1.09	1.32	1.69	1.15	1.02	1.34	1.62	1.41	1.58	4.34	1.07
Log StDv	0.305	0.336	0.308	0.190	0.184	0.289	0.248	0.237	0.192	0.259	0.258	0.144	0.214	0.274	0.361
Log CVar	1.615	0.903	1.081	6.785	4.966	2.387	1.087	3.881	21.376	2.059	1.241	0.961	1.078	0.431	12.452
Percntls															
Minimum	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.3	0.2	0.4	0.6	0.7	0.7	0.3
10th	0.7	1.0	0.8	0.7	0.7	0.6	0.9	0.6	0.6	0.6	0.8	0.9	0.8	1.8	0.4
20th	0.9	1.3	1.0	0.8	0.8	0.9	1.2	0.8	0.7	0.9	1.1	1.0	1.1	2.8	0.5
30th	1.1	1.6	1.3	0.9	0.9	1.0	1.3	0.9	0.8	1.1	1.3	1.3	1.2	3.6	0.6
40th	1.3	1.9	1.6	1.0	1.0	1.2	1.4	1.0	0.9	1.2	1.5	1.3	1.4	4.0	0.7
50th	1.4	2.2	2.0	1.1	1.1	1.3	1.6	1.1	1.1	1.3	1.6	1.5	1.4	4.2	1.1
60th	1.7	2.4	2.3	1.2	1.2	1.4	1.9	1.3	1.1	1.5	1.7	1.6	1.5	4.6	1.2
70th	2.0	3.1	2.8	1.3	1.3	1.7	2.2	1.5	1.2	1.6	2.0	1.7	1.9	5.0	1.5
80th	2.5	4.0	3.5	1.5	1.5	2.0	2.5	1.6	1.4	2.0	2.3	1.8	2.0	6.3	1.6
85th	3.0	5.0	4.1	1.5	1.6	2.4	3.0	1.8	1.5	2.2	2.6	1.9	2.2	7.1	2.4
90th	3.9	6.9	4.9	1.6	1.8	2.9	3.5	2.1	1.6	2.6	2.7	2.0	3.0	7.6	2.9
95th	5.4	10.2	6.0	1.9	2.1	4.0	4.5	2.6	2.0	3.6	4.6	2.2	3.5	13.7	5.2
98th	8.4	15.3	8.4	2.4	2.6	5.6	5.4	4.6	2.2	4.4	6.6	2.9	4.8	15.2	7.3
99th	12.5	20.7	13.2	3.1	2.7	6.7	7.3	5.0	3.0	4.7	6.6	2.9	6.3	15.2	7.3
Maximum	39.3	39.3	14.0	7.9	6.6	20.4	7.5	6.3	4.9	7.1	10.1	3.4	6.3	15.2	7.3

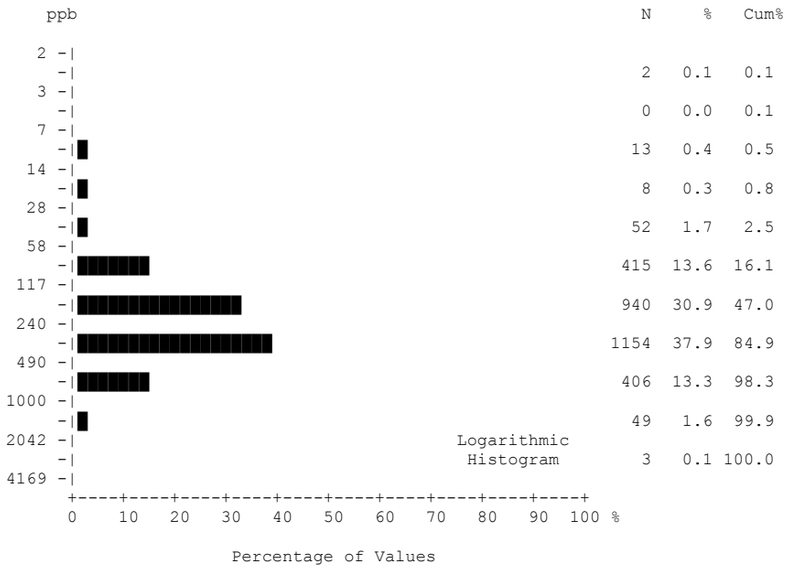
Selenium (Se)

Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.1
analytical method : ICPMS

Selenium by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3040	671	442	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	303.9	366.6	344.1	215.6	194.9	232.7	368.8	196.2	297.0	609.0	269.4	265.7	382.0	354.1	317.7
Median	250.0	320.0	330.0	188.0	143.0	192.0	300.0	149.0	227.0	500.0	204.0	232.0	329.0	349.0	280.0
Mode	220.0	260.0	80.0	197.0	98.0	85.0	160.0	98.0	174.0	340.0	159.0	110.0	240.0	378.0	180.0
Range	2564	1850	1334	1180	1027	1688	1354	610	1230	1920	1168	789	719	518	900
St Dev	226.37	216.27	206.18	149.33	155.86	185.50	269.84	142.01	214.99	356.81	202.48	155.35	159.13	124.38	206.13
Coef Var	0.745	0.590	0.599	0.693	0.800	0.797	0.732	0.724	0.724	0.586	0.752	0.585	0.417	0.351	0.649
Log Mean	2.376	2.493	2.434	2.244	2.191	2.266	2.472	2.182	2.384	2.726	2.352	2.368	2.550	2.522	2.439
Geo Mean	237.6	311.0	271.7	175.4	155.4	184.3	296.2	152.2	242.3	532.7	224.7	233.4	355.0	332.5	274.7
Log StDv	0.321	0.262	0.355	0.285	0.281	0.301	0.288	0.321	0.273	0.218	0.247	0.216	0.165	0.163	0.226
Log CVar	0.135	0.105	0.146	0.127	0.128	0.133	0.116	0.147	0.114	0.080	0.105	0.091	0.065	0.065	0.093
Percntls															
Minimum	2	10	10	19	22	15	70	10	52	220	72	63	185	130	140
10th	94	140	100	78	73	76	122	63	114	280	109	119	214	195	140
20th	133	200	160	98	90	116	172	83	151	340	145	164	242	239	180
30th	168	240	220	121	105	139	216	98	174	400	162	190	281	287	180
40th	206	280	282	153	124	159	260	114	196	460	185	196	319	320	200
50th	250	320	330	188	143	192	300	149	227	500	204	232	329	349	280
60th	300	380	380	218	168	220	340	191	256	560	228	237	360	376	280
70th	360	437	420	256	201	250	370	224	329	640	272	266	420	378	320
80th	440	502	493	305	277	298	501	300	398	800	360	310	495	413	440
85th	490	547	521	331	313	338	554	340	508	880	380	389	540	507	480
90th	560	620	576	388	371	415	774	420	555	1060	480	454	586	542	524
95th	708	760	700	435	480	622	980	460	685	1380	580	543	640	542	586
98th	920	980	846	670	743	798	1252	620	882	1480	1040	740	687	648	1040
99th	1144	1080	1080	758	756	841	1277	620	1116	1520	1040	740	904	648	1040
Maximum	2566	1860	1344	1199	1049	1703	1424	620	1282	2140	1240	852	904	648	1040

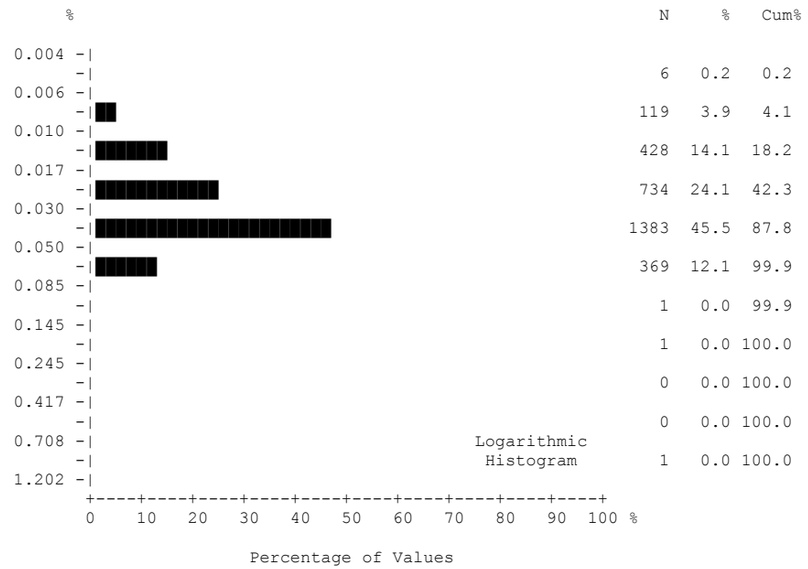
Silver (Ag)

Lake Sediment

number of values : 3042
units : ppb
detection limit : 2
analytical method : ICPMS

Silver by ICPMS

Summary Statistics - Lake Sites



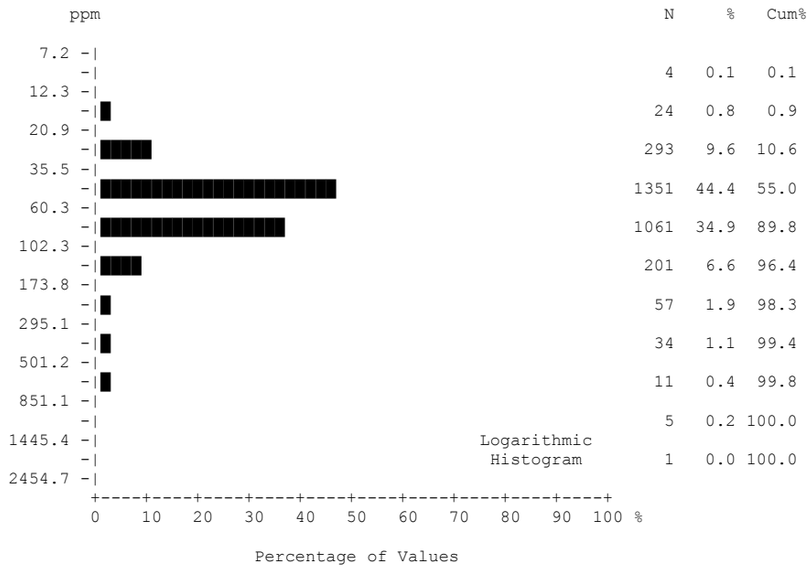
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	0.03	0.04	0.04	0.03	0.03	0.02	0.05	0.02	0.03	0.03	0.02	0.02	0.04	0.05	0.03
Median	0.03	0.03	0.04	0.03	0.02	0.02	0.05	0.03	0.03	0.03	0.01	0.02	0.05	0.05	0.03
Mode	0.02	0.03	0.04	0.02	0.02	0.02	0.04	0.01	0.01	0.03	0.01	0.02	0.05	0.04	0.03
Range	0.975	0.975	0.058	0.077	0.075	0.054	0.049	0.044	0.064	0.024	0.047	0.042	0.037	0.025	0.029
St Dev	0.02	0.04	0.01	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01
Coef Var	0.675	1.040	0.232	0.519	0.486	0.555	0.183	0.498	0.602	0.188	0.607	0.478	0.197	0.128	0.178
Log Mean	-1.530	-1.472	-1.385	-1.545	-1.621	-1.733	-1.314	-1.662	-1.585	-1.467	-1.829	-1.672	-1.356	-1.346	-1.474
Geo Mean	0.03	0.03	0.04	0.03	0.02	0.02	0.05	0.02	0.03	0.03	0.01	0.02	0.04	0.05	0.03
Log StDv	0.222	0.130	0.100	0.244	0.198	0.208	0.078	0.233	0.299	0.082	0.223	0.185	0.088	0.056	0.068
Log CVar	-0.145	-0.088	-0.072	-0.158	-0.122	-0.120	-0.060	-0.140	-0.189	-0.056	-0.122	-0.111	-0.065	-0.042	-0.046
Percntls															
Minimum	0.005	0.005	0.021	0.007	0.007	0.006	0.028	0.006	0.007	0.024	0.006	0.010	0.028	0.033	0.026
10th	0.014	0.025	0.030	0.014	0.013	0.010	0.039	0.011	0.010	0.026	0.008	0.014	0.032	0.038	0.029
20th	0.019	0.028	0.035	0.016	0.016	0.013	0.041	0.013	0.013	0.028	0.010	0.015	0.034	0.040	0.030
30th	0.024	0.030	0.037	0.019	0.019	0.015	0.045	0.015	0.015	0.030	0.010	0.015	0.040	0.043	0.031
40th	0.029	0.032	0.039	0.022	0.022	0.016	0.047	0.017	0.019	0.032	0.011	0.017	0.045	0.043	0.032
50th	0.033	0.034	0.041	0.027	0.024	0.018	0.049	0.025	0.026	0.034	0.013	0.019	0.045	0.045	0.032
60th	0.037	0.036	0.043	0.039	0.026	0.020	0.050	0.027	0.042	0.036	0.016	0.022	0.047	0.046	0.033
70th	0.041	0.038	0.046	0.047	0.029	0.022	0.052	0.032	0.049	0.038	0.018	0.027	0.049	0.047	0.034
80th	0.046	0.041	0.050	0.052	0.035	0.025	0.056	0.037	0.053	0.041	0.025	0.029	0.051	0.049	0.035
85th	0.049	0.043	0.053	0.053	0.038	0.029	0.057	0.041	0.054	0.043	0.028	0.031	0.051	0.052	0.036
90th	0.052	0.046	0.055	0.056	0.045	0.036	0.059	0.043	0.056	0.044	0.029	0.045	0.057	0.054	0.041
95th	0.056	0.051	0.059	0.059	0.053	0.050	0.064	0.046	0.062	0.045	0.037	0.047	0.057	0.055	0.044
98th	0.062	0.056	0.067	0.063	0.060	0.056	0.074	0.048	0.065	0.047	0.052	0.049	0.062	0.058	0.055
99th	0.068	0.061	0.071	0.068	0.067	0.057	0.076	0.050	0.069	0.048	0.052	0.049	0.065	0.058	0.055
Maximum	0.980	0.980	0.079	0.084	0.082	0.060	0.077	0.050	0.071	0.048	0.053	0.052	0.065	0.058	0.055

Sodium (Na)
Lake Sediment

number of values : 3042
units : %
detection limit : 0.001
analytical method : ICPMS

Sodium by ICPMS

Summary Statistics - Lake Sites



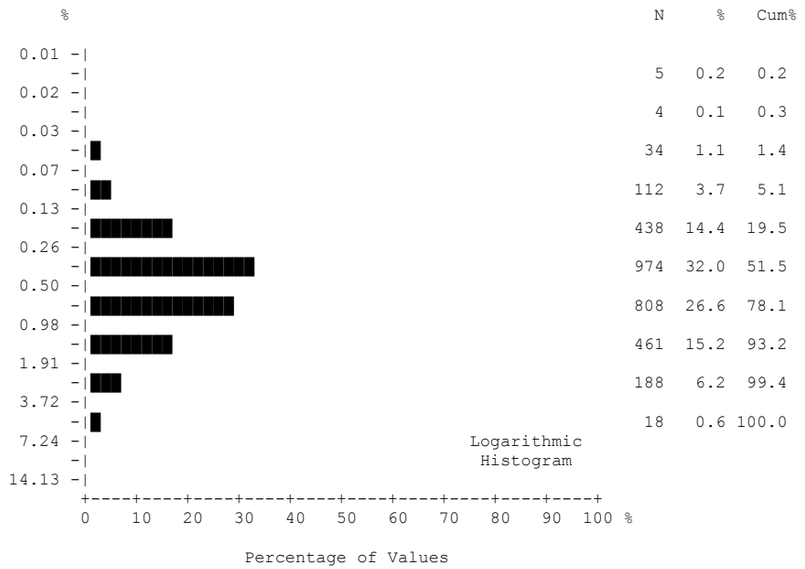
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	72.17	65.30	71.57	77.31	65.76	98.32	59.62	54.23	80.94	51.06	64.98	94.45	53.38	76.52	44.55
Median	57.50	53.00	54.00	63.60	59.00	65.60	53.00	49.50	68.50	45.50	61.40	77.00	41.00	81.00	33.00
Mode	50.50	53.50	46.50	50.50	46.00	54.20	55.50	34.40	56.00	35.00	54.90	59.50	25.00	36.00	26.50
Range	1678.9	1674.0	934.0	601.3	383.2	1060.8	380.0	222.9	503.2	195.5	325.8	820.3	203.5	101.0	218.5
St Dev	77.11	80.31	79.56	62.77	35.94	129.05	38.27	29.10	55.23	24.97	39.90	109.68	41.08	23.03	43.68
Coef Var	1.068	1.230	1.112	0.812	0.547	1.312	0.642	0.537	0.682	0.489	0.614	1.161	0.770	0.301	0.981
Log Mean	1.779	1.740	1.761	1.827	1.774	1.866	1.738	1.701	1.861	1.678	1.767	1.896	1.657	1.864	1.571
Geo Mean	60.16	55.01	57.66	67.09	59.38	73.44	54.68	50.19	72.65	47.69	58.53	78.63	45.44	73.06	37.23
Log StDv	0.224	0.210	0.243	0.204	0.189	0.273	0.158	0.156	0.181	0.147	0.190	0.210	0.221	0.139	0.217
Log CVar	0.126	0.121	0.138	0.112	0.107	0.146	0.091	0.092	0.097	0.088	0.107	0.111	0.133	0.075	0.138
Percntls															
Minimum	8.1	13.0	11.0	8.1	16.8	22.9	23.5	23.0	31.3	28.5	18.5	28.4	25.0	36.0	16.5
10th	34.6	33.0	31.5	42.0	35.0	39.2	38.0	34.0	46.1	32.0	31.0	45.6	25.5	36.0	26.0
20th	41.5	39.0	40.0	48.7	41.4	48.4	42.5	38.5	52.9	35.0	44.7	59.5	30.5	57.0	26.5
30th	47.5	45.0	44.5	54.1	48.1	52.8	46.5	42.5	58.5	39.0	49.4	64.1	35.5	61.5	30.0
40th	52.1	49.4	48.0	58.0	52.2	58.0	49.0	44.7	62.5	41.5	55.2	73.1	39.0	65.5	31.0
50th	57.5	53.0	54.0	63.6	59.0	65.6	53.0	49.5	68.5	45.5	61.4	77.0	41.0	81.0	33.0
60th	63.0	57.5	59.0	69.9	65.3	72.5	55.5	52.5	74.6	51.5	66.0	82.6	42.5	84.0	34.0
70th	70.1	63.0	66.5	76.4	71.5	84.0	60.5	59.0	85.5	56.0	72.2	86.0	47.5	88.0	40.0
80th	81.5	70.0	78.5	87.0	83.0	101.6	67.5	63.5	97.0	61.0	78.4	91.8	53.5	90.0	48.5
85th	90.0	76.0	89.5	93.6	90.3	113.9	69.0	68.5	105.7	64.5	83.9	98.4	62.0	91.5	51.5
90th	102.8	89.0	105.5	106.5	96.8	134.5	78.5	73.0	122.0	68.0	88.3	114.7	112.0	96.0	52.0
95th	141.5	119.5	161.5	154.5	125.5	269.7	97.5	80.0	135.1	75.0	93.8	147.2	115.0	109.0	54.5
98th	269.5	218.5	279.0	273.1	156.8	494.1	165.0	99.3	167.2	81.5	110.1	183.8	148.0	137.0	235.0
99th	414.1	329.5	396.0	309.6	172.2	812.3	165.5	241.0	201.0	106.0	110.1	183.8	228.5	137.0	235.0
Maximum	1687.0	1687.0	945.0	609.4	400.0	1083.7	403.5	245.9	534.5	224.0	344.3	848.7	228.5	137.0	235.0

Strontium (Sr)
Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.5
analytical method : ICPMS

Strontium by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3037	671	440	306	262	260	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	0.72	0.78	0.84	0.55	0.55	0.92	0.66	0.57	0.63	0.42	0.63	0.81	0.37	1.95	0.68
Median	0.50	0.60	0.52	0.40	0.38	0.64	0.44	0.32	0.44	0.34	0.54	0.52	0.34	1.72	0.50
Mode	0.26	0.40	0.26	0.18	0.18	0.20	0.32	0.20	0.26	0.26	0.42	0.37	0.34	1.56	0.28
Range	7.20	5.00	4.51	4.89	3.67	7.20	3.80	3.42	2.70	1.34	2.52	4.84	0.96	5.10	3.06
St Dev	0.68	0.60	0.83	0.54	0.49	0.89	0.66	0.62	0.55	0.24	0.42	0.82	0.21	1.10	0.65
Coef Var	0.947	0.767	0.995	0.988	0.902	0.970	1.001	1.103	0.868	0.575	0.671	1.019	0.550	0.566	0.942
Log Mean	-0.296	-0.218	-0.272	-0.411	-0.397	-0.203	-0.349	-0.420	-0.339	-0.437	-0.278	-0.253	-0.480	0.210	-0.279
Geo Mean	0.51	0.61	0.53	0.39	0.40	0.63	0.45	0.38	0.46	0.37	0.53	0.56	0.33	1.62	0.53
Log StDv	0.374	0.318	0.429	0.361	0.341	0.409	0.380	0.366	0.352	0.214	0.265	0.373	0.210	0.296	0.306
Log CVar	-1.263	-1.464	-1.583	-0.879	-0.862	-2.023	-1.088	-0.872	-1.040	-0.490	-0.957	-1.473	-0.439	1.410	-1.098
Percntls															
Minimum	0.01	0.04	0.01	0.02	0.04	0.01	0.06	0.04	0.06	0.12	0.09	0.09	0.14	0.32	0.12
10th	0.18	0.24	0.16	0.14	0.15	0.20	0.14	0.16	0.16	0.22	0.22	0.17	0.16	0.40	0.20
20th	0.26	0.34	0.24	0.19	0.21	0.33	0.20	0.20	0.24	0.26	0.35	0.29	0.20	1.08	0.28
30th	0.32	0.42	0.32	0.24	0.26	0.41	0.30	0.25	0.30	0.28	0.42	0.37	0.22	1.44	0.42
40th	0.40	0.50	0.40	0.30	0.31	0.51	0.34	0.29	0.36	0.32	0.48	0.39	0.30	1.56	0.46
50th	0.50	0.60	0.52	0.40	0.38	0.64	0.44	0.32	0.44	0.34	0.54	0.52	0.34	1.72	0.50
60th	0.62	0.70	0.68	0.51	0.49	0.81	0.50	0.38	0.52	0.38	0.62	0.66	0.34	2.26	0.52
70th	0.78	0.88	0.90	0.60	0.62	0.96	0.66	0.48	0.64	0.40	0.70	0.85	0.44	2.32	0.62
80th	1.06	1.18	1.32	0.77	0.78	1.39	0.94	0.68	0.88	0.50	0.81	1.21	0.46	2.56	0.78
85th	1.28	1.32	1.58	0.90	0.90	1.67	1.14	0.86	1.14	0.66	0.90	1.27	0.50	2.62	1.00
90th	1.63	1.68	2.08	1.09	1.09	2.07	1.36	1.80	1.57	0.74	0.97	1.84	0.52	2.64	1.22
95th	2.14	1.98	2.70	1.49	1.54	2.41	2.14	2.07	1.76	0.92	1.27	1.99	0.78	3.44	1.48
98th	2.76	2.48	3.22	2.09	1.95	3.55	2.60	2.36	1.93	0.98	2.02	2.49	0.84	5.42	3.18
99th	3.30	2.76	3.86	2.50	2.28	3.95	2.84	2.44	2.40	1.08	2.02	2.49	1.10	5.42	3.18
Maximum	7.21	5.04	4.52	4.91	3.71	7.21	3.86	3.46	2.76	1.46	2.61	4.93	1.10	5.42	3.18

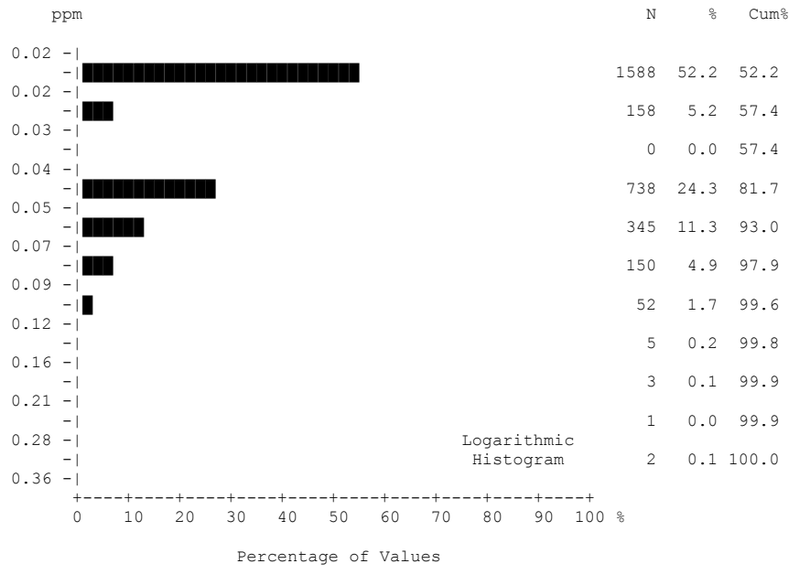
Sulphur (S)

Lake Sediment

number of values : 3042
units : %
detection limit : 0.01
analytical method : ICPMS

Sulphur by ICPMS

Summary Statistics - Lake Sites



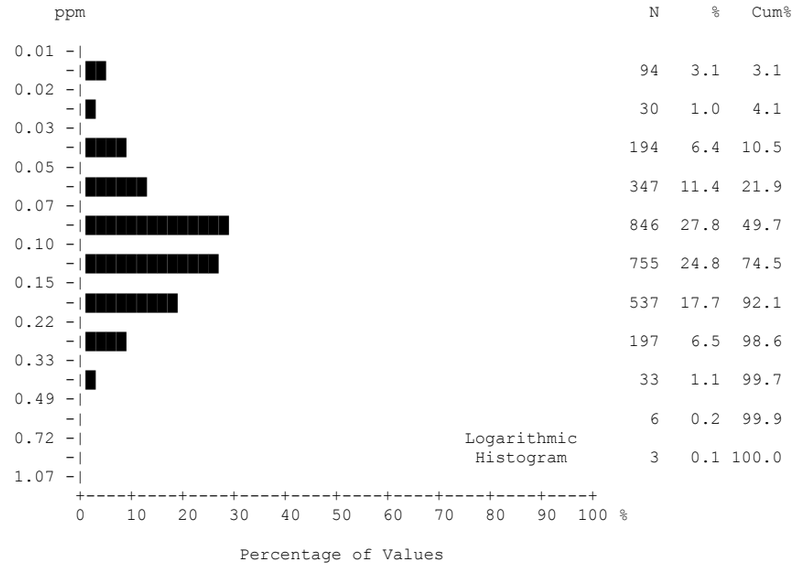
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	1454	456	208	125	80	102	49	41	40	55	9	33	10	14	10
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.02	0.04	0.03	0.04	0.04
Median	0.02	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.02	0.04	0.02	0.04	0.02
Mode	0.02	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Range	0.32	0.32	0.18	0.08	0.10	0.10	0.16	0.08	0.22	0.08	0.06	0.05	0.06	0.04	0.06
St Dev	0.02	0.03	0.02	0.01	0.01	0.02	0.02	0.02	0.03	0.02	0.01	0.02	0.01	0.02	0.02
Coef Var	0.631	0.624	0.642	0.488	0.549	0.539	0.660	0.589	0.825	0.481	0.451	0.427	0.527	0.426	0.601
Log Mean	-1.516	-1.425	-1.495	-1.559	-1.604	-1.588	-1.538	-1.562	-1.540	-1.369	-1.653	-1.472	-1.591	-1.477	-1.513
Geo Mean	0.03	0.04	0.03	0.03	0.02	0.03	0.03	0.03	0.03	0.04	0.02	0.03	0.03	0.03	0.03
Log StDv	0.217	0.224	0.238	0.182	0.166	0.167	0.211	0.203	0.224	0.232	0.128	0.196	0.179	0.194	0.229
Log CVar	-0.143	-0.157	-0.159	-0.117	-0.103	-0.105	-0.137	-0.130	-0.146	-0.170	-0.077	-0.133	-0.113	-0.131	-0.151
Percntls															
Minimum	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
10th	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
20th	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30th	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.02	0.02	0.02	0.02	0.02
40th	0.02	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.02	0.03	0.02	0.02	0.02
50th	0.02	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.02	0.04	0.02	0.04	0.02
60th	0.04	0.04	0.04	0.03	0.02	0.02	0.04	0.02	0.02	0.06	0.02	0.04	0.02	0.04	0.04
70th	0.04	0.04	0.04	0.04	0.03	0.03	0.04	0.04	0.04	0.06	0.02	0.05	0.02	0.04	0.04
80th	0.04	0.06	0.06	0.04	0.03	0.03	0.04	0.04	0.04	0.06	0.02	0.05	0.04	0.04	0.04
85th	0.06	0.06	0.06	0.04	0.04	0.04	0.04	0.04	0.06	0.08	0.02	0.06	0.04	0.06	0.06
90th	0.06	0.08	0.08	0.06	0.04	0.04	0.06	0.06	0.06	0.08	0.03	0.06	0.04	0.06	0.08
95th	0.08	0.08	0.08	0.06	0.06	0.06	0.06	0.06	0.06	0.08	0.05	0.06	0.06	0.06	0.08
98th	0.10	0.10	0.10	0.06	0.07	0.08	0.08	0.08	0.10	0.10	0.06	0.06	0.06	0.06	0.08
99th	0.10	0.12	0.12	0.08	0.09	0.08	0.10	0.10	0.12	0.10	0.06	0.06	0.08	0.06	0.08
Maximum	0.34	0.34	0.20	0.10	0.12	0.12	0.18	0.10	0.24	0.10	0.08	0.07	0.08	0.06	0.08

Tellurium (Te)
Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.02
analytical method : ICPMS

Tellurium by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	2948	653	411	302	260	254	115	111	97	75	68	53	34	23	20
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	0.12	0.11	0.11	0.13	0.15	0.12	0.14	0.09	0.12	0.14	0.10	0.16	0.16	0.13	0.06
Median	0.11	0.10	0.10	0.12	0.13	0.11	0.12	0.08	0.11	0.14	0.10	0.16	0.14	0.12	0.06
Mode	0.08	0.06	0.06	0.12	0.08	0.12	0.10	0.06	0.08	0.08	0.06	0.12	0.14	0.08	0.06
Range	0.95	0.42	0.40	0.55	0.95	0.89	0.50	0.29	0.39	0.34	0.23	0.30	0.32	0.20	0.14
St Dev	0.07	0.06	0.07	0.07	0.10	0.09	0.09	0.05	0.07	0.07	0.05	0.07	0.07	0.05	0.03
Coef Var	0.605	0.556	0.601	0.546	0.683	0.693	0.622	0.568	0.545	0.491	0.459	0.414	0.465	0.393	0.506
Log Mean	-0.987	-1.009	-1.038	-0.935	-0.899	-0.983	-0.923	-1.105	-0.971	-0.900	-1.025	-0.836	-0.840	-0.930	-1.275
Geo Mean	0.10	0.10	0.09	0.12	0.13	0.10	0.12	0.08	0.11	0.13	0.09	0.15	0.14	0.12	0.05
Log StDv	0.261	0.245	0.291	0.237	0.257	0.265	0.272	0.261	0.246	0.239	0.206	0.190	0.207	0.179	0.206
Log CVar	-0.265	-0.243	-0.280	-0.254	-0.285	-0.270	-0.295	-0.236	-0.253	-0.265	-0.201	-0.227	-0.247	-0.192	-0.161
Percntls															
Minimum	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.06	0.04	0.04	0.02
10th	0.04	0.04	0.04	0.06	0.06	0.05	0.04	0.03	0.04	0.08	0.05	0.07	0.06	0.08	0.02
20th	0.06	0.06	0.06	0.08	0.08	0.07	0.08	0.05	0.07	0.08	0.06	0.10	0.10	0.08	0.04
30th	0.08	0.08	0.06	0.09	0.09	0.09	0.10	0.06	0.08	0.10	0.07	0.12	0.12	0.10	0.04
40th	0.10	0.08	0.08	0.11	0.11	0.10	0.10	0.07	0.10	0.10	0.08	0.12	0.14	0.10	0.04
50th	0.11	0.10	0.10	0.12	0.13	0.11	0.12	0.08	0.11	0.14	0.10	0.16	0.14	0.12	0.06
60th	0.12	0.12	0.12	0.14	0.15	0.12	0.14	0.10	0.13	0.14	0.11	0.17	0.16	0.12	0.06
70th	0.14	0.14	0.14	0.16	0.17	0.14	0.16	0.11	0.14	0.18	0.13	0.19	0.18	0.14	0.06
80th	0.16	0.16	0.16	0.18	0.21	0.16	0.18	0.13	0.17	0.20	0.14	0.20	0.18	0.16	0.08
85th	0.18	0.18	0.18	0.20	0.22	0.19	0.22	0.14	0.17	0.22	0.15	0.23	0.24	0.18	0.08
90th	0.21	0.20	0.20	0.22	0.25	0.21	0.24	0.16	0.19	0.24	0.15	0.24	0.28	0.20	0.08
95th	0.26	0.24	0.24	0.28	0.28	0.24	0.32	0.18	0.24	0.26	0.17	0.26	0.30	0.22	0.10
98th	0.30	0.28	0.30	0.33	0.34	0.33	0.42	0.24	0.32	0.28	0.26	0.31	0.34	0.24	0.16
99th	0.36	0.30	0.32	0.36	0.51	0.41	0.44	0.26	0.33	0.30	0.26	0.31	0.36	0.24	0.16
Maximum	0.97	0.44	0.42	0.57	0.97	0.91	0.52	0.31	0.41	0.36	0.26	0.36	0.36	0.24	0.16

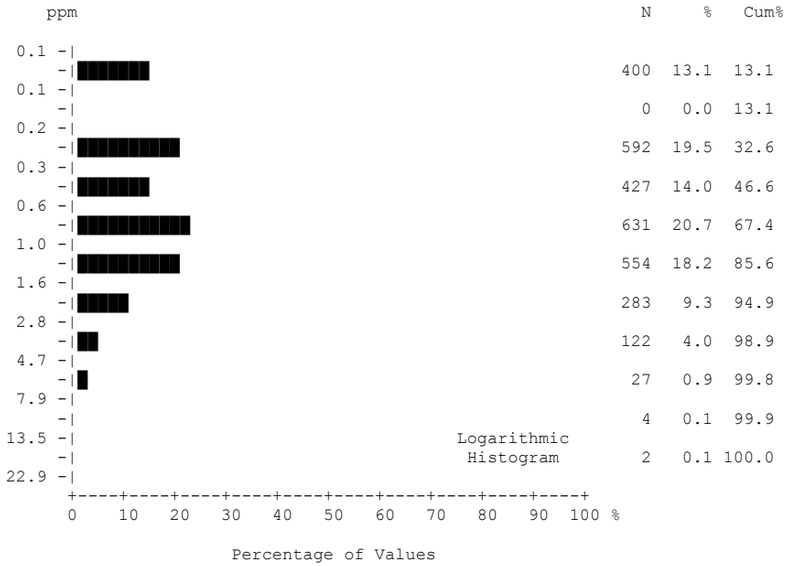
Thallium (Tl)

Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.02
analytical method : ICPMS

Thallium by ICPMS

Summary Statistics - Lake Sites



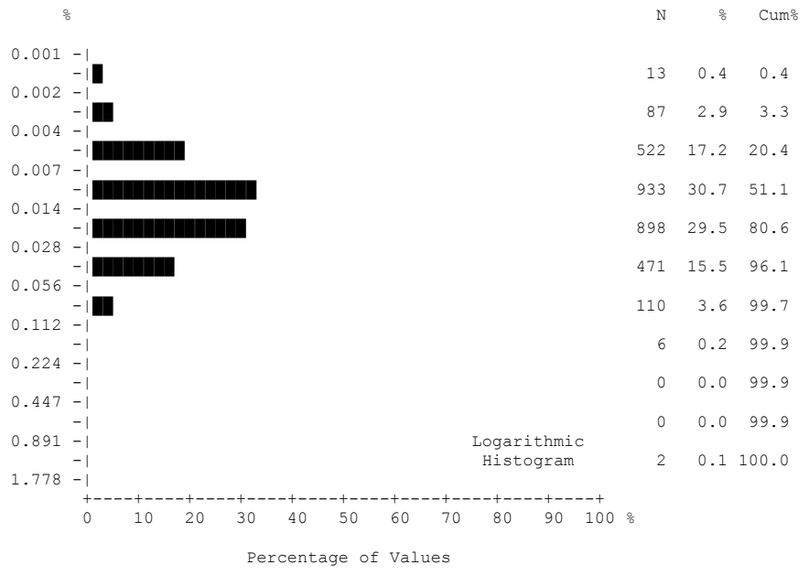
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	2642	553	353	284	254	228	103	102	94	57	58	52	27	20	11
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	0.91	0.65	0.67	1.07	1.49	0.80	0.69	0.74	1.18	0.46	1.43	0.90	0.68	0.39	0.35
Median	0.60	0.40	0.50	0.80	1.20	0.60	0.50	0.50	1.00	0.30	1.10	0.80	0.40	0.30	0.10
Mode	0.10	0.10	0.10	0.70	0.80	0.30	0.10	0.20	0.40	0.10	0.10	0.30	0.10	0.20	0.10
Range	21.9	7.6	6.7	6.7	8.9	3.7	2.7	4.2	4.0	3.0	6.7	2.2	5.5	1.0	1.7
St Dev	1.08	0.81	0.69	0.92	1.12	0.74	0.53	0.73	0.87	0.49	1.36	0.51	1.00	0.27	0.42
Coef Var	1.183	1.251	1.040	0.860	0.755	0.923	0.771	0.987	0.740	1.068	0.953	0.569	1.475	0.698	1.211
Log Mean	-0.253	-0.393	-0.371	-0.124	0.038	-0.280	-0.305	-0.316	-0.070	-0.499	-0.075	-0.129	-0.410	-0.508	-0.669
Geo Mean	0.56	0.40	0.43	0.75	1.09	0.52	0.50	0.48	0.85	0.32	0.84	0.74	0.39	0.31	0.21
Log StDv	0.442	0.411	0.426	0.393	0.378	0.424	0.383	0.413	0.390	0.370	0.512	0.290	0.438	0.297	0.402
Log CVar	-1.748	-1.046	-1.148	-3.171	10.218	-1.515	-1.259	-1.307	-5.571	-0.742	-6.826	-2.251	-1.070	-0.586	-0.602
Percntls															
Minimum	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10th	0.1	0.1	0.1	0.2	0.3	0.1	0.1	0.1	0.2	0.1	0.1	0.3	0.1	0.1	0.1
20th	0.2	0.2	0.1	0.4	0.6	0.2	0.2	0.2	0.4	0.1	0.2	0.5	0.1	0.2	0.1
30th	0.3	0.2	0.2	0.5	0.8	0.3	0.3	0.3	0.6	0.2	0.6	0.6	0.2	0.2	0.1
40th	0.4	0.3	0.3	0.7	1.0	0.4	0.4	0.4	0.8	0.3	0.8	0.6	0.3	0.2	0.1
50th	0.6	0.4	0.5	0.8	1.2	0.6	0.5	0.5	1.0	0.3	1.1	0.8	0.4	0.3	0.1
60th	0.8	0.5	0.6	1.0	1.6	0.8	0.7	0.6	1.2	0.4	1.3	1.0	0.4	0.3	0.2
70th	1.0	0.7	0.8	1.2	1.9	1.0	0.9	0.8	1.4	0.5	1.6	1.1	0.6	0.4	0.3
80th	1.4	0.9	1.0	1.6	2.3	1.3	1.2	1.2	1.9	0.7	2.1	1.3	0.8	0.5	0.6
85th	1.6	1.1	1.2	1.8	2.5	1.5	1.3	1.3	2.0	0.7	2.9	1.5	1.0	0.7	0.6
90th	2.0	1.3	1.4	2.4	2.8	1.9	1.5	1.6	2.5	0.9	3.0	1.6	1.3	0.8	0.7
95th	2.8	1.9	2.0	2.7	3.4	2.2	1.6	2.2	2.8	1.1	3.8	1.7	1.9	0.9	1.1
98th	3.8	3.1	2.6	3.6	4.2	3.1	1.9	2.9	3.2	1.4	5.8	2.0	2.1	1.1	1.8
99th	4.7	4.0	3.0	4.6	4.5	3.4	2.1	3.0	3.8	2.6	5.8	2.0	5.6	1.1	1.8
Maximum	22.0	7.7	6.8	6.8	9.0	3.8	2.8	4.3	4.1	3.1	6.8	2.3	5.6	1.1	1.8

Thorium (Th)
Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.1
analytical method : ICPMS

Thorium by ICPMS

Summary Statistics - Lake Sites



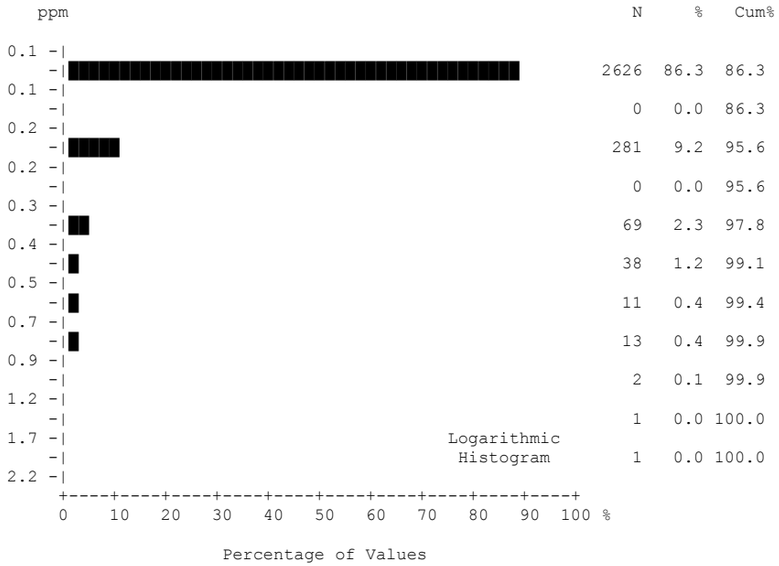
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3029	668	437	305	262	260	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	0.02	0.02	0.01	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.01
Median	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.02	0.02	0.01	0.02	0.01	0.02	0.01	0.01
Mode	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01
Range	0.989	0.083	0.083	0.979	0.119	0.139	0.068	0.082	0.091	0.051	0.101	0.026	0.080	0.038	0.057
St Dev	0.03	0.01	0.01	0.06	0.02	0.02	0.01	0.02	0.02	0.01	0.02	0.01	0.02	0.01	0.02
Coef Var	1.494	0.725	0.848	2.055	0.775	1.023	0.623	0.734	0.835	0.758	0.709	0.593	0.641	0.657	1.083
Log Mean	-1.845	-1.864	-1.979	-1.723	-1.789	-1.940	-1.713	-1.717	-1.813	-1.873	-1.728	-2.105	-1.715	-1.919	-2.002
Geo Mean	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.02	0.02	0.01	0.02	0.01	0.02	0.01	0.01
Log StDv	0.343	0.309	0.358	0.360	0.298	0.343	0.301	0.332	0.306	0.365	0.278	0.241	0.303	0.270	0.361
Log CVar	-0.186	-0.166	-0.181	-0.209	-0.166	-0.177	-0.176	-0.193	-0.169	-0.195	-0.161	-0.115	-0.177	-0.141	-0.180
Percntls															
Minimum	0.001	0.001	0.001	0.001	0.003	0.001	0.002	0.002	0.004	0.002	0.004	0.003	0.002	0.003	0.004
10th	0.005	0.005	0.004	0.006	0.007	0.004	0.007	0.007	0.007	0.004	0.009	0.004	0.006	0.005	0.004
20th	0.007	0.008	0.005	0.009	0.009	0.006	0.011	0.010	0.008	0.007	0.010	0.005	0.012	0.007	0.005
30th	0.009	0.009	0.007	0.012	0.011	0.007	0.014	0.013	0.010	0.008	0.014	0.006	0.017	0.009	0.006
40th	0.012	0.012	0.008	0.015	0.013	0.009	0.018	0.017	0.012	0.010	0.018	0.006	0.018	0.010	0.006
50th	0.014	0.014	0.011	0.018	0.016	0.011	0.021	0.020	0.015	0.014	0.020	0.008	0.021	0.011	0.007
60th	0.018	0.017	0.013	0.022	0.019	0.014	0.025	0.024	0.017	0.017	0.024	0.009	0.023	0.013	0.008
70th	0.022	0.020	0.015	0.027	0.022	0.016	0.028	0.028	0.021	0.022	0.026	0.010	0.027	0.015	0.010
80th	0.028	0.025	0.022	0.037	0.029	0.023	0.031	0.038	0.029	0.031	0.029	0.012	0.029	0.018	0.019
85th	0.033	0.028	0.026	0.045	0.034	0.026	0.039	0.041	0.033	0.036	0.030	0.015	0.035	0.023	0.030
90th	0.039	0.034	0.033	0.057	0.041	0.030	0.045	0.049	0.036	0.040	0.032	0.016	0.037	0.028	0.034
95th	0.051	0.043	0.038	0.075	0.056	0.043	0.057	0.061	0.052	0.046	0.052	0.016	0.038	0.035	0.053
98th	0.067	0.053	0.050	0.097	0.067	0.063	0.061	0.077	0.064	0.049	0.068	0.023	0.055	0.041	0.061
99th	0.082	0.059	0.060	0.112	0.068	0.083	0.065	0.083	0.087	0.049	0.068	0.023	0.082	0.041	0.061
Maximum	0.990	0.084	0.084	0.980	0.122	0.140	0.070	0.084	0.095	0.053	0.105	0.029	0.082	0.041	0.061

Titanium (Ti)
Lake Sediment

number of values : 3042
units : %
detection limit : 0.001
analytical method : ICPMS

Titanium by ICPMS

Summary Statistics - Lake Sites



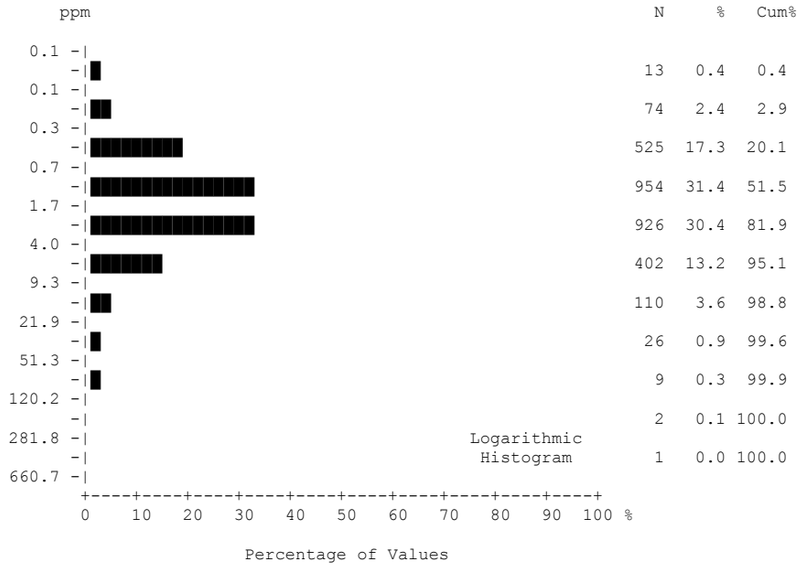
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	416	28	88	54	21	22	46	7	15	0	13	5	5	7	3
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	0.12	0.11	0.14	0.12	0.11	0.11	0.17	0.11	0.12	0.10	0.13	0.11	0.19	0.14	0.11
Median	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Mode	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Range	2.1	1.1	1.2	0.5	0.3	0.5	0.5	0.3	0.4	0.0	0.3	0.2	2.1	0.2	0.1
St Dev	0.09	0.10	0.10	0.06	0.04	0.05	0.12	0.04	0.06	0.00	0.07	0.04	0.36	0.07	0.04
Coef Var	0.723	0.846	0.755	0.513	0.335	0.463	0.700	0.354	0.475	0.000	0.520	0.389	1.967	0.472	0.309
Log Mean	-0.945	-0.977	-0.918	-0.936	-0.973	-0.969	-0.835	-0.978	-0.947	-1.000	-0.928	-0.965	-0.908	-0.893	-0.959
Geo Mean	0.11	0.11	0.12	0.12	0.11	0.11	0.15	0.11	0.11	0.10	0.12	0.11	0.12	0.13	0.11
Log StDv	0.151	0.125	0.181	0.147	0.096	0.111	0.232	0.092	0.134	0.000	0.157	0.113	0.270	0.171	0.106
Log CVar	-0.160	-0.128	-0.197	-0.157	-0.980	-0.114	-0.278	-0.094	-0.141	0.000	-0.169	-0.117	-0.298	-0.192	-0.110
Percntls															
Minimum	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10th	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20th	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
30th	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
40th	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
50th	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
60th	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70th	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
80th	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
85th	0.1	0.1	0.2	0.2	0.1	0.1	0.3	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1
90th	0.2	0.1	0.2	0.2	0.1	0.1	0.3	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.2
95th	0.2	0.1	0.3	0.2	0.2	0.2	0.5	0.2	0.2	0.1	0.3	0.2	0.3	0.3	0.2
98th	0.4	0.2	0.4	0.3	0.2	0.2	0.6	0.2	0.3	0.1	0.4	0.3	0.5	0.3	0.2
99th	0.5	0.8	0.6	0.4	0.3	0.3	0.6	0.3	0.3	0.1	0.4	0.3	2.2	0.3	0.2
Maximum	2.2	1.2	1.3	0.6	0.4	0.6	0.6	0.4	0.5	0.1	0.4	0.3	2.2	0.3	0.2

Tungsten (W)
Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.1
analytical method : ICPMS

Tungsten by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3029	668	441	305	262	258	118	115	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	3.22	1.45	2.36	2.74	4.68	1.89	2.08	1.88	3.59	4.29	5.13	1.73	17.78	1.93	1.21
Median	1.60	1.00	1.50	1.90	3.60	1.30	1.70	1.40	2.50	1.40	3.30	0.90	2.60	1.40	0.70
Mode	0.70	0.70	0.50	0.80	2.00	0.60	1.10	0.60	2.10	0.60	2.30	0.60	0.60	0.70	0.30
Range	501.6	22.9	75.1	20.1	30.3	25.5	6.1	10.5	14.0	105.9	35.8	5.9	501.3	4.4	4.5
St Dev	11.18	1.60	4.61	2.82	4.48	2.20	1.37	1.99	2.90	12.27	5.86	1.48	85.57	1.33	1.28
Coef Var	3.468	1.105	1.958	1.029	0.958	1.167	0.659	1.057	0.808	2.862	1.143	0.854	4.812	0.692	1.059
Log Mean	0.231	0.033	0.168	0.288	0.516	0.106	0.231	0.112	0.433	0.293	0.529	0.101	0.412	0.194	-0.102
Geo Mean	1.70	1.08	1.47	1.94	3.28	1.28	1.70	1.29	2.71	1.96	3.38	1.26	2.58	1.56	0.79
Log StDv	0.424	0.313	0.383	0.354	0.374	0.384	0.280	0.374	0.330	0.447	0.395	0.341	0.540	0.283	0.401
Log CVar	1.837	9.491	2.280	1.233	0.724	3.622	1.214	3.372	0.763	1.532	0.747	3.379	1.310	1.460	-3.971
Percntls															
Minimum	0.1	0.1	0.1	0.1	0.4	0.1	0.3	0.1	0.4	0.5	0.4	0.4	0.4	0.6	0.2
10th	0.5	0.5	0.5	0.7	1.0	0.4	0.8	0.5	1.1	0.6	1.0	0.5	0.6	0.7	0.2
20th	0.7	0.6	0.7	1.0	1.5	0.6	1.0	0.6	1.4	0.7	1.7	0.6	1.0	0.7	0.3
30th	1.0	0.7	1.0	1.3	2.1	0.8	1.2	0.8	1.9	1.0	2.1	0.7	1.7	1.0	0.5
40th	1.2	0.9	1.2	1.6	3.1	1.0	1.3	1.1	2.2	1.3	2.4	0.8	2.3	1.1	0.6
50th	1.6	1.0	1.5	1.9	3.6	1.3	1.7	1.4	2.5	1.4	3.3	0.9	2.6	1.4	0.7
60th	2.0	1.2	1.8	2.3	4.1	1.6	1.9	1.6	3.1	1.8	4.3	1.6	2.9	1.8	0.9
70th	2.6	1.4	2.3	2.9	4.8	2.0	2.5	2.0	3.7	2.8	5.3	2.1	3.4	2.1	1.2
80th	3.7	1.8	2.9	3.7	6.7	2.7	3.1	2.4	5.1	5.6	6.5	2.8	3.8	2.6	1.7
85th	4.5	2.1	3.4	4.1	8.0	3.2	3.6	2.7	6.1	7.6	7.9	3.0	4.6	3.0	1.8
90th	5.8	2.7	4.1	5.0	9.4	3.9	4.0	3.5	8.6	8.4	9.1	3.8	6.1	4.4	2.8
95th	9.2	4.1	5.9	8.3	13.7	5.1	4.9	4.9	9.9	8.8	14.4	4.6	6.8	4.9	4.6
98th	15.4	5.8	10.7	12.4	20.6	7.0	5.8	10.0	11.8	12.1	26.3	5.7	20.4	5.0	4.7
99th	26.3	7.9	13.1	14.5	22.0	8.5	5.9	10.2	12.7	15.1	26.3	5.7	501.7	5.0	4.7
Maximum	501.7	23.0	75.2	20.2	30.7	25.6	6.4	10.6	14.4	106.4	36.2	6.3	501.7	5.0	4.7

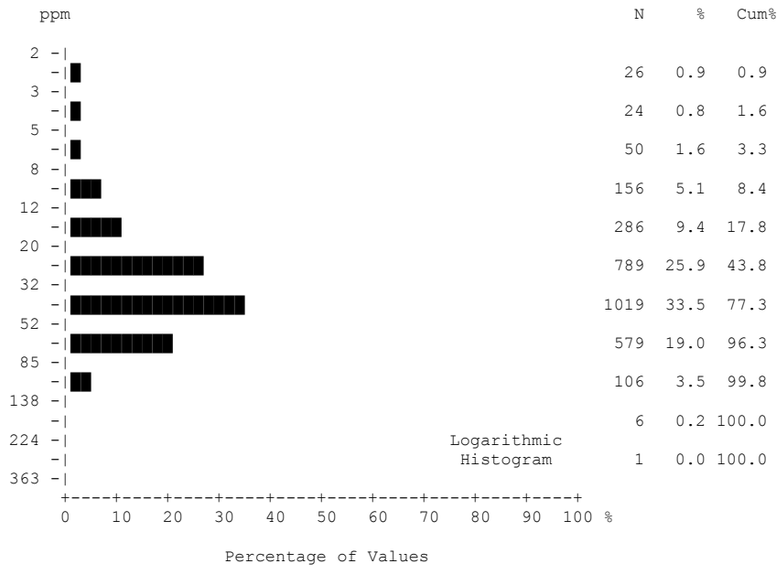
Uranium (U)

Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.1
analytical method : ICPMS

Uranium by ICPMS

Summary Statistics - Lake Sites



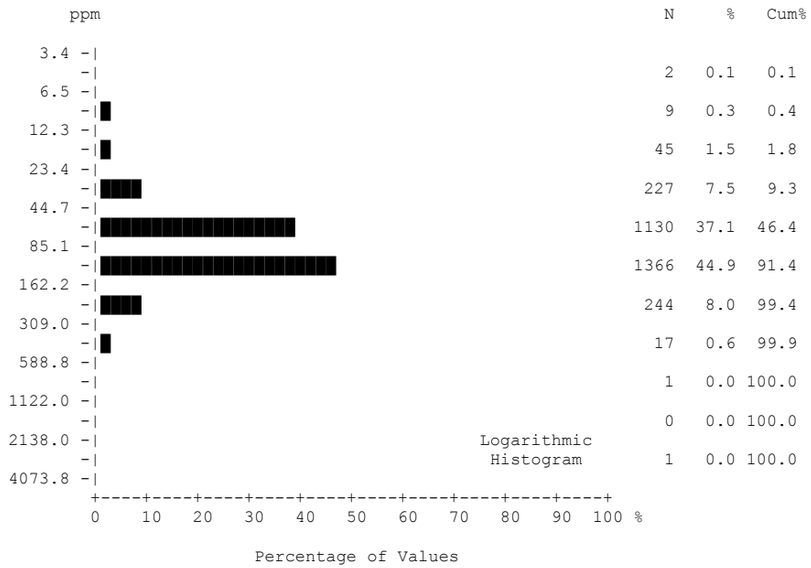
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3016	660	437	306	261	258	117	116	99	75	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	39.2	41.6	37.7	43.7	33.3	30.0	43.9	36.5	37.0	41.2	49.8	34.8	38.1	34.7	43.1
Median	36.0	37.0	34.0	40.0	31.0	29.0	42.0	33.0	33.0	38.0	40.0	34.0	34.0	28.0	26.0
Mode	30.0	28.0	18.0	36.0	20.0	30.0	30.0	28.0	32.0	32.0	23.0	12.0	24.0	44.0	20.0
Range	270	144	108	149	128	86	132	97	113	84	266	68	60	86	170
St Dev	22.53	24.55	21.79	22.14	16.88	16.49	22.22	19.73	21.02	19.13	39.45	17.03	17.00	19.94	41.24
Coef Var	0.575	0.590	0.578	0.507	0.507	0.550	0.507	0.540	0.569	0.464	0.793	0.489	0.446	0.575	0.957
Log Mean	1.512	1.526	1.488	1.577	1.463	1.389	1.578	1.488	1.494	1.552	1.611	1.485	1.540	1.480	1.510
Geo Mean	32.5	33.6	30.8	37.7	29.1	24.5	37.8	30.8	31.2	35.6	40.9	30.5	34.6	30.2	32.4
Log StDv	0.292	0.323	0.309	0.253	0.243	0.314	0.264	0.283	0.270	0.271	0.265	0.237	0.194	0.232	0.306
Log CVar	0.193	0.212	0.208	0.160	0.166	0.226	0.167	0.190	0.180	0.175	0.164	0.160	0.126	0.157	0.203
Percntls															
Minimum	2	2	2	5	2	2	2	2	5	2	6	8	14	10	14
10th	14	14	12	17	14	8	18	15	14	16	21	12	18	16	16
20th	20	20	18	25	20	14	24	20	20	26	26	20	24	18	18
30th	26	26	24	32	24	20	30	24	25	32	30	24	24	22	20
40th	31	32	30	36	28	25	36	28	30	34	36	28	30	24	22
50th	36	37	34	40	31	29	42	33	33	38	40	34	34	28	26
60th	41	44	40	45	34	32	46	38	36	44	44	39	36	32	28
70th	47	52	46	52	39	38	52	45	40	50	54	42	42	40	30
80th	55	60	54	62	45	45	60	52	50	56	60	47	50	44	72
85th	60	66	60	66	47	48	64	57	54	60	65	48	60	52	84
90th	68	74	68	74	53	50	72	62	66	68	76	56	64	62	92
95th	80	88	78	82	63	56	84	74	79	78	143	67	68	66	106
98th	96	104	88	94	80	67	90	84	88	82	158	75	74	96	184
99th	108	108	102	108	88	76	116	95	90	82	158	75	74	96	184
Maximum	272	146	110	154	130	88	134	99	118	86	272	76	74	96	184

Vanadium (V)
Lake Sediment

number of values : 3042
units : ppm
detection limit : 2
analytical method : ICPMS

Vanadium by ICPMS

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
N > DL	3042	671	442	306	262	262	118	117	99	76	68	53	34	23	22
Missing	127	17	4	7	16	45	1	0	2	0	0	2	0	0	0
Mean	97.53	104.83	108.73	88.62	85.12	111.42	81.55	87.70	79.91	100.36	62.29	140.94	83.83	93.41	56.50
Median	89.20	97.80	99.40	85.80	81.30	101.90	74.60	74.40	77.50	101.40	52.00	130.90	77.20	97.60	50.90
Mode	94.80	94.80	57.60	65.40	110.30	127.60	42.10	39.20	65.80	57.70	35.90	83.40	77.20	55.10	23.90
Range	2295.1	2292.5	493.2	226.1	322.8	579.1	156.9	386.5	261.8	208.8	194.3	165.9	106.9	72.9	79.9
St Dev	63.77	96.35	60.00	35.66	35.25	63.21	32.30	53.25	35.76	35.12	36.72	41.56	28.31	18.92	21.75
Coef Var	0.654	0.919	0.552	0.402	0.414	0.567	0.396	0.607	0.447	0.350	0.589	0.295	0.338	0.203	0.385
Log Mean	1.933	1.960	1.977	1.911	1.896	1.989	1.878	1.874	1.858	1.967	1.736	2.131	1.900	1.961	1.720
Geo Mean	85.69	91.26	94.91	81.43	78.69	97.39	75.49	74.79	72.16	92.60	54.48	135.36	79.36	91.47	52.49
Log StDv	0.225	0.225	0.238	0.186	0.176	0.231	0.174	0.251	0.209	0.200	0.219	0.123	0.147	0.093	0.174
Log CVar	0.117	0.115	0.120	0.097	0.093	0.116	0.093	0.134	0.112	0.102	0.126	0.058	0.077	0.047	0.101
Percntls															
Minimum	3.9	6.5	3.9	15.7	19.0	13.5	26.9	12.0	11.8	8.2	18.2	83.4	44.1	55.1	23.9
10th	46.0	47.7	49.7	46.5	47.7	52.1	42.1	39.2	36.2	56.5	29.9	93.7	47.9	68.2	25.3
20th	58.3	61.4	66.0	59.0	57.8	64.1	56.1	47.0	53.8	75.6	36.7	102.1	57.1	73.7	35.6
30th	68.8	74.9	78.7	68.0	64.8	74.2	60.9	56.6	61.4	80.9	40.5	114.2	64.2	80.9	44.0
40th	79.1	86.9	88.8	77.2	73.9	87.1	68.3	64.9	69.4	89.8	47.1	120.5	73.2	84.4	48.1
50th	89.2	97.8	99.4	85.8	81.3	101.9	74.6	74.4	77.5	101.4	52.0	130.9	77.2	97.6	50.9
60th	100.1	108.5	111.9	93.0	88.5	115.4	82.1	88.0	84.2	109.4	57.8	142.8	84.6	100.7	51.8
70th	112.6	121.4	123.6	101.1	98.5	127.6	92.7	102.5	92.0	115.6	68.6	160.0	92.9	104.5	62.8
80th	127.2	134.8	134.9	116.6	109.5	148.2	110.3	115.9	103.7	122.7	79.1	171.4	110.1	105.8	80.2
85th	137.7	144.5	148.7	124.5	112.2	161.6	113.9	128.0	109.4	126.4	90.7	183.2	112.5	111.1	81.9
90th	155.4	162.8	176.4	136.5	123.5	175.6	125.3	155.7	117.5	140.3	98.8	197.8	122.6	115.8	86.8
95th	182.8	182.6	206.3	155.2	141.4	202.9	133.3	169.7	129.8	152.5	151.2	219.0	125.3	121.0	89.5
98th	219.6	207.1	266.7	165.5	165.9	253.5	170.9	219.1	140.4	164.6	181.3	240.7	142.0	128.0	103.8
99th	255.6	226.0	384.7	200.3	166.9	349.1	183.1	250.5	160.8	181.8	181.3	240.7	151.0	128.0	103.8
Maximum	2299.0	2299.0	497.1	241.8	341.8	592.6	183.8	398.5	273.6	217.0	212.5	249.3	151.0	128.0	103.8

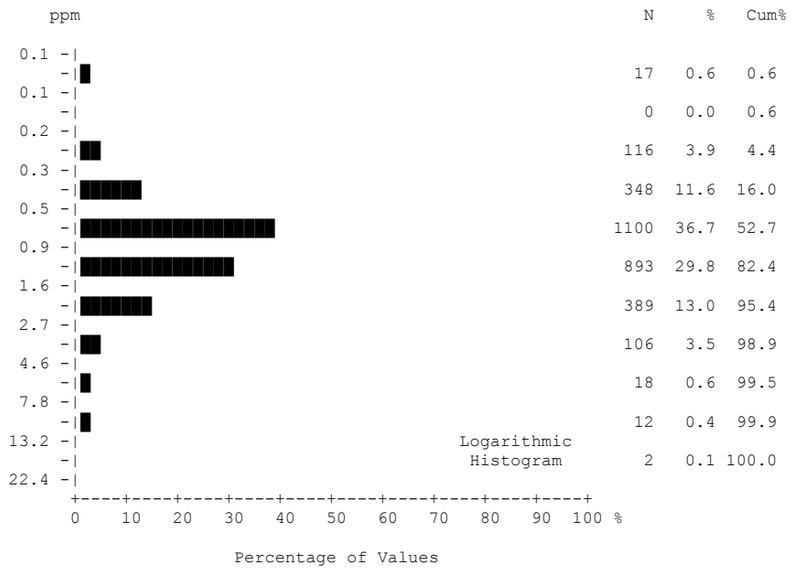
Zinc (Zn)

Lake Sediment

number of values : 3042
units : ppm
detection limit : 0.1
analytical method : ICPMS

Zinc by ICPMS

Summary Statistics - Lake Sites



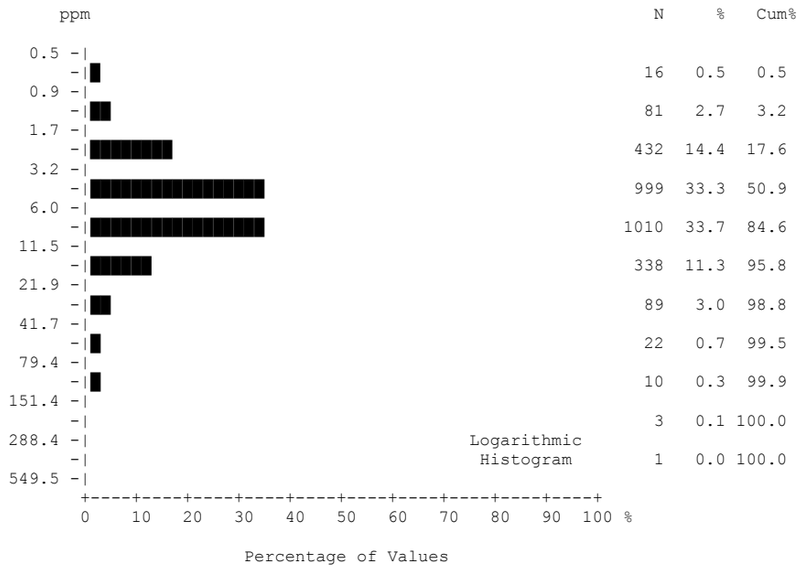
	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	2984	675	441	268	265	243	119	116	93	76	68	41	34	23	22
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	1.15	1.32	0.97	1.23	1.35	1.42	0.79	0.89	1.44	0.99	0.84	1.05	0.80	0.73	1.12
Median	0.90	1.10	0.80	0.90	1.10	1.30	0.70	0.80	1.00	0.90	0.70	1.00	0.50	0.70	0.80
Mode	0.90	0.90	0.70	0.80	0.60	1.00	0.40	0.90	0.80	0.60	0.60	0.80	0.50	0.60	0.60
Range	22.1	22.1	11.6	6.6	12.4	11.7	2.4	4.0	8.3	2.0	3.0	1.7	4.3	1.1	4.2
St Dev	1.05	1.20	1.03	0.94	1.23	0.96	0.37	0.50	1.27	0.39	0.45	0.44	0.75	0.29	0.88
Coef Var	0.911	0.913	1.063	0.758	0.911	0.675	0.466	0.564	0.883	0.389	0.541	0.415	0.932	0.395	0.783
Log Mean	-0.027	0.041	-0.113	-0.008	0.023	0.089	-0.147	-0.102	0.055	-0.036	-0.124	-0.017	-0.185	-0.171	-0.027
Geo Mean	0.94	1.10	0.77	0.98	1.06	1.23	0.71	0.79	1.14	0.92	0.75	0.96	0.65	0.67	0.94
Log StDv	0.265	0.244	0.271	0.292	0.298	0.229	0.195	0.216	0.278	0.171	0.192	0.185	0.252	0.181	0.246
Log CVar	-9.799	5.953	-2.400	-41.695	12.948	2.608	-1.326	-2.118	5.058	-4.752	-1.559	-11.569	-1.372	-1.066	-9.109
Percntls															
Minimum	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.1	0.2	0.3	0.3	0.4	0.3	0.3	0.4
10th	0.5	0.6	0.4	0.5	0.5	0.6	0.4	0.5	0.6	0.6	0.4	0.5	0.3	0.3	0.4
20th	0.6	0.7	0.5	0.6	0.6	0.8	0.5	0.5	0.7	0.6	0.5	0.6	0.4	0.5	0.6
30th	0.7	0.8	0.6	0.7	0.8	0.9	0.5	0.6	0.8	0.7	0.6	0.8	0.5	0.6	0.7
40th	0.8	0.9	0.7	0.8	0.9	1.0	0.6	0.7	0.9	0.8	0.7	0.8	0.5	0.6	0.8
50th	0.9	1.1	0.8	0.9	1.1	1.3	0.7	0.8	1.0	0.9	0.7	1.0	0.5	0.7	0.8
60th	1.0	1.2	0.9	1.1	1.2	1.4	0.8	0.9	1.2	1.0	0.8	1.0	0.7	0.8	1.0
70th	1.2	1.4	1.0	1.3	1.4	1.7	0.9	1.0	1.5	1.1	0.9	1.3	0.9	0.9	1.1
80th	1.5	1.6	1.1	1.8	1.8	1.9	1.0	1.2	1.8	1.3	1.0	1.4	1.0	0.9	1.4
85th	1.6	1.8	1.3	2.0	2.0	2.2	1.1	1.2	2.2	1.4	1.2	1.5	1.0	1.0	1.6
90th	1.9	2.1	1.4	2.4	2.4	2.3	1.2	1.3	2.7	1.5	1.3	1.7	1.2	1.1	1.6
95th	2.6	2.8	1.9	3.2	3.3	2.5	1.5	1.5	3.8	1.7	1.6	1.8	1.4	1.2	1.8
98th	3.6	4.0	3.3	4.0	4.0	3.0	1.6	2.2	4.7	1.7	1.9	2.0	1.6	1.4	4.6
99th	4.6	4.7	5.4	4.2	5.8	3.7	1.7	3.0	6.7	1.7	1.9	2.1	4.6	1.4	4.6
Maximum	22.2	22.2	11.7	6.7	12.5	12.0	2.6	4.1	8.5	2.3	3.3	2.1	4.6	1.4	4.6

Antimony (Sb)
Lake Sediment

number of values : 3001
units : ppm
detection limit : 0.1
analytical method : INAA

Antimony by INAA

Summary Statistics - Lake Sites



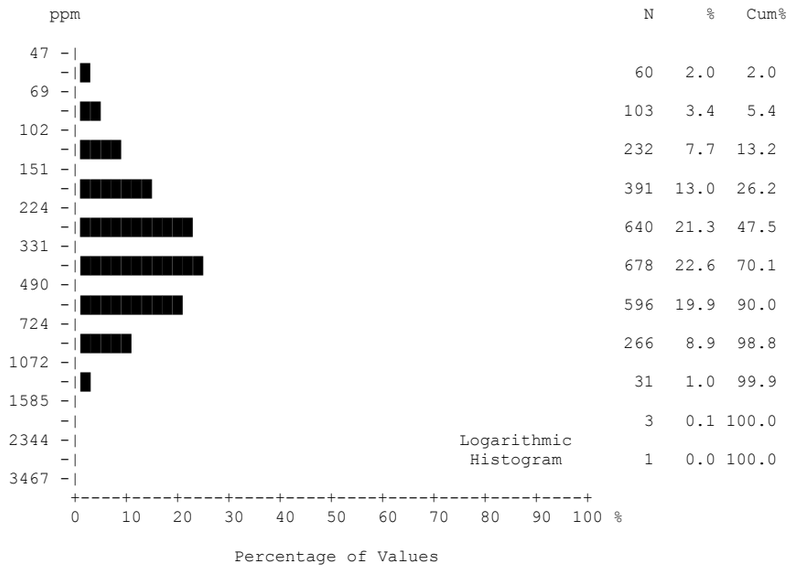
	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	2992	677	445	268	268	243	117	117	93	74	68	41	34	23	22
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	8.26	8.33	10.75	7.87	8.01	8.49	5.72	6.52	7.21	5.25	3.94	10.06	5.08	5.45	12.88
Median	5.90	6.10	6.10	6.50	6.70	6.90	4.60	4.40	6.10	3.90	2.70	8.60	3.90	4.50	3.90
Mode	11.00	11.00	10.00	11.00	10.00	11.00	10.00	2.30	3.10	2.90	1.50	11.00	1.00	3.90	2.10
Range	315.5	203.5	315.5	42.5	47.6	110.5	37.5	101.8	28.5	31.5	13.2	22.5	20.3	10.0	119.9
St Dev	11.92	10.28	21.07	5.30	5.38	8.77	5.12	10.02	5.03	4.56	3.01	5.81	4.42	2.72	25.43
Coef Var	1.443	1.234	1.959	0.673	0.672	1.033	0.896	1.538	0.698	0.868	0.765	0.577	0.871	0.499	1.975
Log Mean	0.777	0.799	0.816	0.818	0.834	0.834	0.651	0.661	0.771	0.607	0.495	0.928	0.573	0.686	0.763
Geo Mean	5.99	6.29	6.54	6.57	6.83	6.83	4.48	4.58	5.90	4.05	3.13	8.47	3.74	4.85	5.79
Log StDv	0.319	0.304	0.369	0.265	0.240	0.263	0.300	0.322	0.274	0.314	0.289	0.266	0.348	0.216	0.489
Log CVar	0.410	0.381	0.452	0.325	0.287	0.315	0.461	0.488	0.356	0.518	0.583	0.287	0.607	0.316	0.642
Percntls															
Minimum	0.5	0.5	0.5	0.5	1.4	1.5	0.5	1.2	1.5	0.5	0.8	2.5	0.7	2.0	1.1
10th	2.5	2.7	2.7	3.3	3.5	3.2	2.2	1.8	2.5	2.0	1.5	3.6	1.0	2.1	1.9
20th	3.4	3.7	3.5	4.3	4.4	4.1	2.6	2.3	3.1	2.4	1.6	4.0	1.8	3.3	2.1
30th	4.2	4.4	4.3	4.9	5.1	5.0	3.3	3.0	4.1	2.9	2.1	6.3	2.4	3.8	2.7
40th	5.0	5.2	5.1	5.8	6.1	5.7	3.9	3.6	5.1	3.1	2.3	7.1	2.9	3.9	3.1
50th	5.9	6.1	6.1	6.5	6.7	6.9	4.6	4.4	6.1	3.9	2.7	8.6	3.9	4.5	3.9
60th	6.9	7.0	6.9	7.6	7.7	7.5	5.1	5.2	7.0	4.9	3.5	11.0	4.7	5.1	5.0
70th	8.2	8.4	8.2	8.8	8.7	8.7	6.0	6.1	8.4	5.6	4.2	13.0	5.7	6.6	8.6
80th	10.0	11.0	11.0	10.0	10.0	11.0	7.3	7.6	10.0	6.5	5.2	14.0	6.4	7.3	13.0
85th	12.0	12.0	14.0	12.0	12.0	12.0	8.4	10.0	11.0	9.2	6.3	17.0	7.5	7.6	22.0
90th	14.0	15.0	18.0	14.0	13.0	14.0	10.0	13.0	12.0	11.0	7.8	17.0	11.0	9.2	24.0
95th	20.0	21.0	33.0	18.0	16.0	20.0	11.0	16.0	18.0	12.0	11.0	22.0	11.0	11.0	30.0
98th	30.0	29.0	66.5	21.0	21.0	26.0	24.0	20.0	19.0	14.0	13.0	22.0	17.0	12.0	121.0
99th	48.0	39.0	88.6	25.0	26.0	32.0	30.0	24.0	25.0	15.0	13.0	25.0	21.0	12.0	121.0
Maximum	316.0	204.0	316.0	43.0	49.0	112.0	38.0	103.0	30.0	32.0	14.0	25.0	21.0	12.0	121.0

Arsenic (As)
Lake Sediment

number of values	: 3001
units	: ppm
detection limit	: 0.5
analytical method	: INAA

Arsenic by INAA

Summary Statistics - Lake Sites



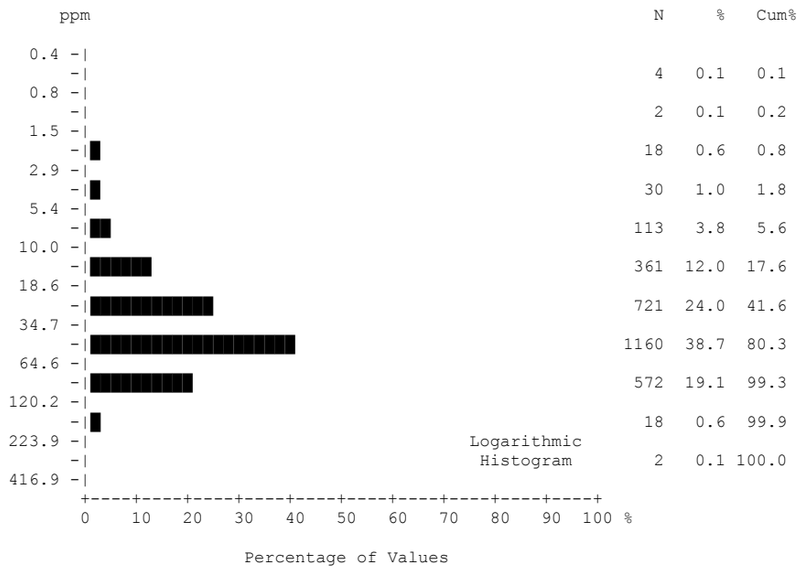
	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	2977	674	443	264	266	242	119	114	91	76	66	41	34	23	22
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	397.0	409.1	489.9	355.3	376.0	345.9	414.1	286.2	357.5	381.9	242.4	563.2	418.8	308.3	273.5
Median	350.0	350.0	450.0	320.0	330.0	320.0	380.0	220.0	320.0	330.0	180.0	480.0	380.0	260.0	110.0
Mode	280.0	230.0	240.0	260.0	220.0	200.0	610.0	120.0	260.0	310.0	120.0	470.0	360.0	170.0	110.0
Range	2350	1850	2350	1050	1050	910	865	850	930	740	810	810	570	460	1332
St Dev	236.58	255.69	270.63	190.49	214.07	170.71	197.39	208.83	196.19	189.75	189.76	229.86	160.07	133.06	325.70
Coef Var	0.596	0.625	0.552	0.536	0.569	0.494	0.477	0.730	0.549	0.497	0.783	0.408	0.382	0.432	1.191
Log Mean	2.517	2.523	2.616	2.483	2.502	2.482	2.561	2.342	2.485	2.518	2.268	2.712	2.591	2.452	2.259
Geo Mean	328.7	333.1	412.6	304.3	317.3	303.3	364.3	219.9	305.5	329.8	185.5	515.0	389.9	283.2	181.5
Log StDv	0.282	0.294	0.275	0.257	0.264	0.234	0.233	0.327	0.259	0.252	0.318	0.192	0.169	0.183	0.362
Log CVar	0.112	0.117	0.105	0.104	0.106	0.094	0.091	0.139	0.104	0.100	0.140	0.071	0.065	0.075	0.160
Percntls															
Minimum	50	50	50	50	50	50	75	50	50	70	50	190	170	110	68
10th	140	130	170	150	140	150	170	74	130	140	70	270	230	170	92
20th	190	190	240	190	180	190	220	110	210	180	91	370	280	210	95
30th	240	240	320	240	230	230	290	140	250	240	120	410	320	230	100
40th	290	300	390	270	290	280	350	190	270	310	140	430	360	240	110
50th	350	350	450	320	330	320	380	220	320	330	180	480	380	260	110
60th	410	410	520	370	380	380	420	280	350	420	220	590	410	290	170
70th	480	500	630	450	430	420	530	330	400	500	260	730	470	330	200
80th	590	610	690	510	550	470	610	450	480	590	360	790	510	380	400
85th	650	670	760	540	620	520	640	470	560	610	460	850	650	520	430
90th	730	770	850	600	710	590	690	540	650	610	530	880	700	560	460
95th	850	890	970	700	790	670	730	770	730	700	650	910	700	560	970
98th	970	1000	1100	850	890	740	870	850	910	720	780	970	700	570	1400
99th	1100	1100	1100	920	960	860	880	850	940	730	780	1000	740	570	1400
Maximum	2400	1900	2400	1100	1100	960	940	900	980	810	860	1000	740	570	1400

Barium (Ba)
Lake Sediment

number of values	: 3001
units	: ppm
detection limit	: 50
analytical method	: INAA

Barium by INAA

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	2997	678	444	268	268	243	119	117	93	76	68	41	33	23	22
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	43.30	36.89	41.22	51.00	47.19	47.21	42.07	44.29	46.32	33.88	55.06	36.28	27.71	54.13	24.15
Median	39.00	35.00	39.00	48.00	43.00	44.00	34.00	40.00	44.00	33.00	50.00	34.00	22.00	52.20	21.00
Mode	34.00	38.00	22.00	48.00	32.00	34.00	26.00	22.00	12.00	19.00	10.00	46.00	21.00	68.80	12.00
Range	263.5	159.5	134.5	167.5	134.9	116.8	156.3	125.4	96.6	61.9	152.8	95.8	65.8	101.0	43.6
St Dev	26.07	21.02	24.18	29.45	25.30	22.68	28.13	25.87	23.99	14.50	33.44	22.80	16.23	23.80	12.26
Coef Var	0.602	0.570	0.587	0.577	0.536	0.480	0.669	0.584	0.518	0.428	0.607	0.628	0.586	0.440	0.508
Log Mean	1.543	1.483	1.513	1.608	1.591	1.613	1.520	1.552	1.594	1.485	1.646	1.456	1.332	1.689	1.320
Geo Mean	34.90	30.40	32.56	40.54	39.00	41.02	33.15	35.68	39.22	30.57	44.28	28.55	21.49	48.92	20.87
Log StDv	0.319	0.299	0.348	0.342	0.305	0.252	0.327	0.327	0.273	0.209	0.313	0.335	0.393	0.209	0.257
Log CVar	0.207	0.202	0.230	0.213	0.191	0.156	0.215	0.210	0.171	0.141	0.190	0.231	0.295	0.124	0.195
Percntls															
Minimum	0.5	1.5	0.5	0.5	2.1	3.2	2.7	2.6	7.4	8.4	8.2	4.2	0.5	17.0	4.4
10th	14.0	12.0	11.0	14.0	16.0	18.0	14.0	12.0	13.0	16.0	14.0	7.2	6.8	18.0	10.0
20th	20.0	17.0	18.0	24.0	24.0	27.0	20.0	22.0	24.0	20.0	21.0	16.0	11.0	34.0	12.0
30th	27.0	23.0	25.0	32.0	30.0	34.0	25.0	30.0	30.0	26.0	34.0	18.0	18.0	45.0	15.0
40th	34.0	30.0	33.0	41.0	38.0	39.0	29.0	36.0	36.0	29.0	43.0	26.0	21.0	48.0	18.0
50th	39.0	35.0	39.0	48.0	43.0	44.0	34.0	40.0	44.0	33.0	50.0	34.0	22.0	52.2	21.0
60th	46.0	40.0	46.0	56.4	51.9	50.0	41.0	46.0	52.2	36.0	57.2	41.0	27.0	56.4	24.0
70th	53.1	46.0	52.4	67.0	61.0	59.0	51.2	51.1	59.8	40.0	66.9	46.0	37.0	61.7	30.0
80th	64.3	52.3	61.1	77.0	69.0	68.3	59.3	60.4	66.3	46.0	81.7	50.0	44.0	68.8	36.0
85th	70.3	58.1	65.6	83.1	76.0	73.0	70.3	72.1	73.1	48.0	89.1	60.0	47.0	69.3	38.0
90th	78.4	64.1	72.4	91.0	81.3	77.0	82.3	81.5	78.0	50.4	101.0	63.0	50.9	77.8	39.0
95th	90.7	73.2	83.2	100.0	92.3	88.3	94.1	94.5	87.0	59.1	112.0	77.0	52.0	96.8	45.0
98th	102.0	89.4	96.4	117.0	98.0	94.0	112.0	104.0	96.3	62.2	131.0	81.0	52.5	118.0	48.0
99th	115.0	93.6	107.0	118.0	102.0	100.0	125.0	115.0	98.0	70.3	131.0	100.0	66.3	118.0	48.0
Maximum	264.0	161.0	135.0	168.0	137.0	120.0	159.0	128.0	104.0	70.3	161.0	100.0	66.3	118.0	48.0

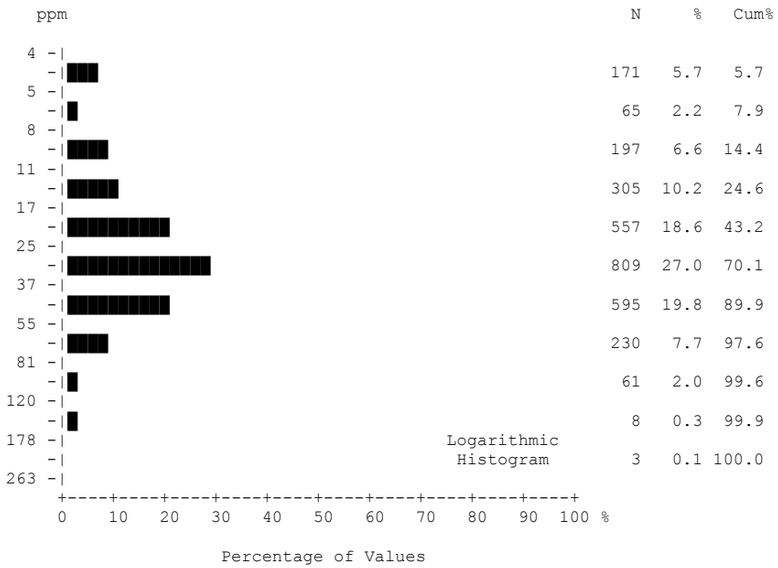
Bromine (Br)

Lake Sediment

number of values	: 3001
units	: ppm
detection limit	: 0.5
analytical method	: INAA

Bromine by INAA

Summary Statistics - Lake Sites



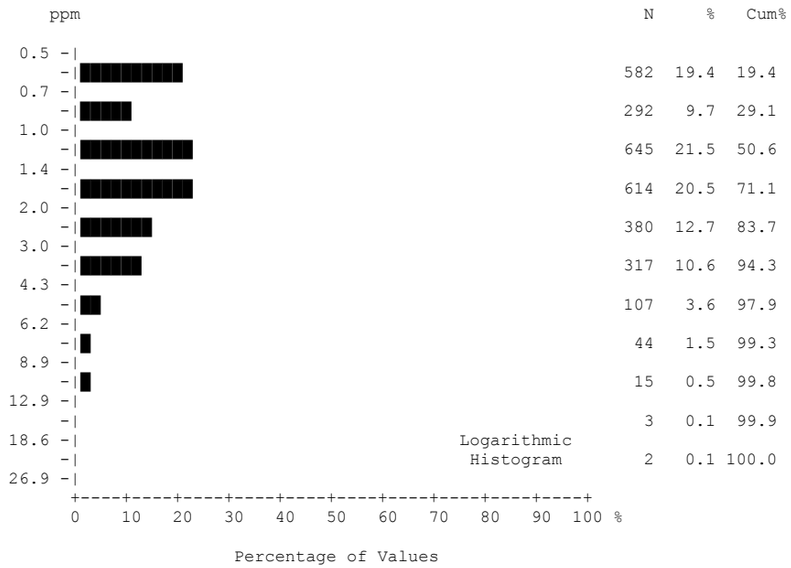
	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	2830	615	403	250	263	239	117	108	91	75	65	41	34	23	19
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	31.2	21.6	29.3	28.1	39.4	46.7	32.9	26.4	42.9	34.1	32.3	33.6	38.4	21.7	13.7
Median	29.0	19.0	29.0	25.0	37.0	42.0	31.0	24.0	40.0	30.0	29.0	33.0	37.0	19.0	11.0
Mode	5.0	5.0	5.0	5.0	33.0	29.0	27.0	5.0	33.0	31.0	11.0	29.0	38.0	12.0	5.0
Range	245	72	245	125	115	135	145	76	185	115	83	60	84	39	32
St Dev	20.46	12.69	20.64	18.28	20.82	26.85	17.43	16.49	25.92	20.93	19.62	12.08	17.95	10.80	8.63
Coef Var	0.656	0.588	0.704	0.651	0.528	0.575	0.529	0.624	0.604	0.613	0.607	0.360	0.468	0.498	0.631
Log Mean	1.399	1.252	1.367	1.353	1.524	1.589	1.461	1.329	1.554	1.463	1.419	1.497	1.544	1.282	1.063
Geo Mean	25.1	17.8	23.3	22.6	33.4	38.8	28.9	21.3	35.8	29.0	26.3	31.4	35.0	19.1	11.6
Log StDv	0.306	0.284	0.321	0.305	0.273	0.285	0.235	0.304	0.283	0.250	0.300	0.169	0.187	0.228	0.256
Log CVar	0.219	0.227	0.235	0.226	0.179	0.179	0.161	0.229	0.182	0.171	0.211	0.113	0.121	0.178	0.241
Percntls															
Minimum	5	5	5	5	5	5	5	5	5	5	5	10	15	7	5
10th	9	6	6	8	13	18	13	8	14	13	11	17	20	8	5
20th	14	10	13	13	20	24	20	11	22	17	14	23	23	12	6
30th	19	13	19	17	27	29	26	15	30	23	17	26	25	14	8
40th	24	17	24	21	33	35	29	18	34	26	23	29	32	16	9
50th	29	19	29	25	37	42	31	24	40	30	29	33	37	19	11
60th	33	23	33	29	44	49	33	29	47	32	35	37	38	25	13
70th	37	27	37	34	48	56	38	32	50	36	43	40	41	27	16
80th	44	32	42	40	55	65	44	38	58	44	47	43	46	28	17
85th	48	35	44	44	61	77	48	41	64	54	50	45	52	35	18
90th	55	38	46	51	65	86	51	47	70	68	60	46	62	36	27
95th	67	45	51	62	74	95	56	56	76	76	67	52	67	41	31
98th	85	51	69	69	93	110	61	75	88	78	83	53	76	46	37
99th	98	59	97	84	95	130	75	77	110	93	83	70	99	46	37
Maximum	250	77	250	130	120	140	150	81	190	120	88	70	99	46	37

Cerium (Ce)
Lake Sediment

number of values	: 3001
units	: ppm
detection limit	: 5
analytical method	: INAA

Cerium by INAA

Summary Statistics - Lake Sites



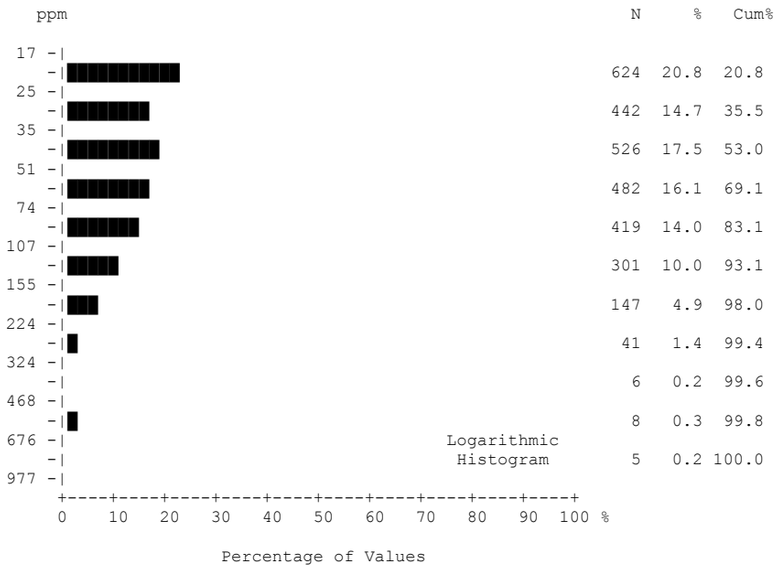
	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	2525	514	373	247	250	228	107	69	90	57	47	41	30	21	9
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	1.83	1.39	1.77	2.02	2.16	2.67	1.74	1.09	2.81	1.28	1.23	2.28	1.76	1.82	0.76
Median	1.40	1.10	1.50	1.60	1.90	2.00	1.30	0.80	2.10	0.90	0.90	2.00	1.40	1.10	0.50
Mode	0.50	0.50	0.50	1.00	1.00	2.00	0.50	0.50	2.00	0.50	0.50	3.00	1.60	1.10	0.50
Range	21.5	6.9	8.4	13.5	13.5	20.5	7.2	5.1	21.5	5.9	4.8	3.0	7.4	6.3	2.0
St Dev	1.58	1.01	1.24	1.73	1.55	2.46	1.40	0.88	2.68	1.06	0.90	0.86	1.62	1.74	0.53
Coef Var	0.864	0.732	0.700	0.857	0.717	0.920	0.806	0.804	0.954	0.826	0.732	0.378	0.921	0.954	0.693
Log Mean	0.148	0.046	0.149	0.200	0.241	0.304	0.141	-0.056	0.343	0.006	-0.001	0.321	0.146	0.123	-0.179
Geo Mean	1.41	1.11	1.41	1.59	1.74	2.02	1.38	0.88	2.20	1.01	1.00	2.10	1.40	1.33	0.66
Log StDv	0.309	0.283	0.297	0.290	0.290	0.320	0.284	0.266	0.289	0.284	0.272	0.191	0.274	0.330	0.205
Log CVar	2.101	6.289	1.996	1.452	1.202	1.052	2.029	-4.745	0.846	56.807	-272.367	0.596	1.875	2.685	-1.146
Percntls															
Minimum	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5	0.5	0.5
10th	0.5	0.5	0.5	0.7	0.7	0.8	0.5	0.5	1.0	0.5	0.5	1.0	0.5	0.5	0.5
20th	0.7	0.5	0.7	1.0	1.0	1.0	0.8	0.5	1.3	0.5	0.5	1.0	1.0	0.7	0.5
30th	1.0	0.7	0.9	1.0	1.1	1.2	0.9	0.5	1.6	0.6	0.5	2.0	1.1	0.8	0.5
40th	1.1	0.9	1.2	1.0	1.6	2.0	1.1	0.5	1.9	0.7	0.8	2.0	1.2	1.1	0.5
50th	1.4	1.1	1.5	1.6	1.9	2.0	1.3	0.8	2.1	0.9	0.9	2.0	1.4	1.1	0.5
60th	1.8	1.4	1.8	2.0	2.1	2.4	1.5	1.0	2.5	1.2	1.1	2.8	1.5	1.2	0.5
70th	2.0	1.7	2.1	2.0	2.6	3.0	1.8	1.2	2.9	1.5	1.6	3.0	1.6	1.4	0.6
80th	2.6	2.0	2.6	2.8	3.0	3.6	2.3	1.5	3.4	1.7	1.7	3.0	1.7	2.2	0.8
85th	3.0	2.3	2.9	3.0	3.5	4.0	2.6	1.7	3.8	2.0	1.9	3.0	2.0	3.4	1.1
90th	3.4	2.6	3.2	3.6	4.0	5.0	3.3	1.9	5.1	2.5	2.3	3.0	3.1	3.9	1.2
95th	4.5	3.4	4.3	5.9	4.9	7.0	5.1	2.8	7.2	3.3	2.7	3.0	3.5	6.1	2.0
98th	6.3	4.2	5.1	7.6	6.0	10.0	7.3	4.2	9.2	3.5	3.8	4.0	7.4	6.8	2.5
99th	8.0	5.0	6.1	8.6	6.9	11.0	7.7	4.5	9.4	4.8	3.8	4.0	7.9	6.8	2.5
Maximum	22.0	7.4	8.9	14.0	14.0	21.0	7.7	5.6	22.0	6.4	5.3	4.0	7.9	6.8	2.5

Cesium (Cs)
Lake Sediment

number of values	: 3001
units	: ppm
detection limit	: 0.5
analytical method	: INAA

Cesium by INAA

Summary Statistics - Lake Sites



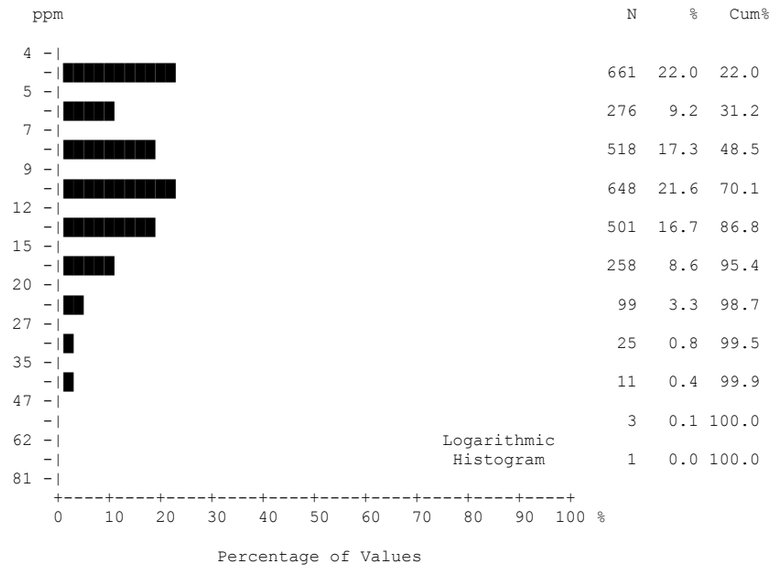
	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	2536	639	410	171	205	183	115	98	73	72	44	37	33	21	18
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	67.0	83.2	91.8	32.6	46.3	37.1	86.5	57.4	45.0	77.8	31.3	52.0	106.0	68.3	63.7
Median	48.0	70.0	79.0	26.0	37.0	29.0	79.0	43.0	41.0	65.0	23.0	48.0	87.0	55.0	38.0
Mode	20.0	20.0	20.0	20.0	20.0	20.0	70.0	20.0	20.0	150.0	20.0	20.0	110.0	20.0	20.0
Range	810	360	710	80	200	160	410	210	150	160	80	80	470	130	200
St Dev	63.11	54.48	71.40	16.76	30.23	24.38	54.70	41.47	26.35	40.26	16.57	22.62	85.67	38.00	57.02
Coef Var	0.942	0.655	0.778	0.515	0.654	0.656	0.633	0.722	0.585	0.517	0.529	0.435	0.808	0.556	0.895
Log Mean	1.706	1.831	1.860	1.469	1.589	1.511	1.865	1.662	1.593	1.830	1.453	1.672	1.931	1.770	1.674
Geo Mean	50.8	67.7	72.5	29.4	38.8	32.4	73.2	45.9	39.2	67.6	28.4	47.0	85.4	58.8	47.2
Log StDv	0.308	0.285	0.302	0.185	0.249	0.208	0.254	0.286	0.226	0.242	0.181	0.205	0.283	0.249	0.326
Log CVar	0.181	0.156	0.163	0.126	0.157	0.138	0.136	0.172	0.142	0.132	0.124	0.122	0.146	0.141	0.195
Percntls															
Minimum	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
10th	20	26	24	20	20	20	32	20	20	31	20	20	29	20	20
20th	24	37	40	20	20	20	42	22	20	45	20	28	52	40	20
30th	31	47	52	20	24	23	53	26	26	53	20	38	59	45	32
40th	39	58	66	22	29	26	69	35	34	60	22	41	82	49	34
50th	48	70	79	26	37	29	79	43	41	65	23	48	87	55	38
60th	60	83	91	30	45	32	89	53	44	76	27	58	94	62	42
70th	76	100	110	35	54	38	99	71	53	94	34	64	110	79	48
80th	97	120	130	44	66	47	120	90	60	110	41	75	130	91	130
85th	110	140	150	48	75	54	130	98	63	130	47	79	140	120	140
90th	140	160	170	58	89	66	150	110	70	140	51	80	180	120	140
95th	170	180	200	65	110	82	170	140	95	150	57	90	240	150	170
98th	220	230	260	86	130	110	220	170	110	160	93	97	240	150	220
99th	270	250	300	89	140	150	230	180	130	160	93	100	490	150	220
Maximum	830	380	730	100	220	180	430	230	170	180	100	100	490	150	220

Chromium (Cr)
Lake Sediment

number of values : 3001
units : ppm
detection limit : 20
analytical method : INAA

Chromium by INAA

Summary Statistics - Lake Sites



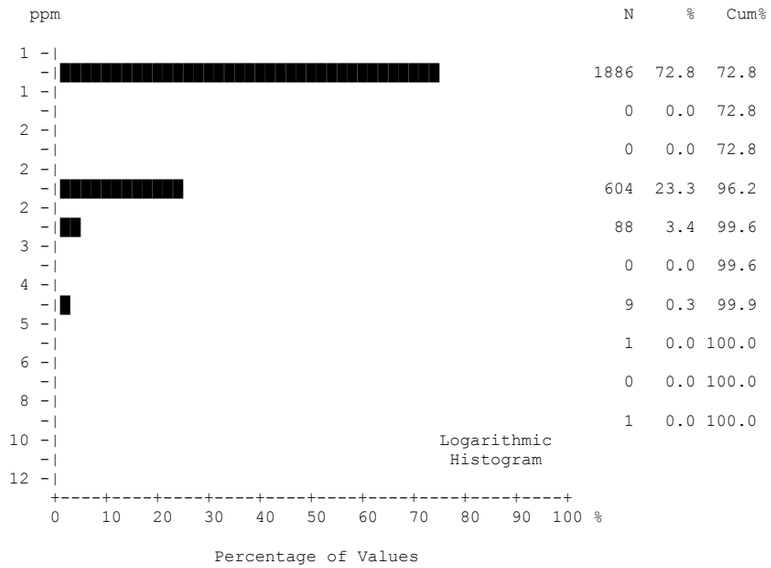
	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	2340	543	370	185	200	160	108	88	65	65	50	33	31	22	12
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	10.1	11.1	12.3	7.7	8.7	7.1	11.1	9.2	8.3	9.9	8.1	10.3	11.3	11.1	8.3
Median	9.0	10.0	11.0	7.0	8.0	6.0	11.0	8.0	8.0	9.0	8.0	9.0	10.0	11.0	6.0
Mode	5.0	5.0	5.0	5.0	5.0	5.0	13.0	5.0	5.0	5.0	5.0	5.0	10.0	11.0	5.0
Range	76	40	76	15	16	14	21	22	18	15	12	18	26	13	17
St Dev	5.61	5.93	7.36	2.87	3.61	2.44	4.23	4.65	3.80	3.96	3.05	4.59	5.22	3.73	4.99
Coef Var	0.558	0.536	0.599	0.373	0.416	0.343	0.380	0.505	0.457	0.401	0.375	0.446	0.462	0.335	0.600
Log Mean	0.951	0.989	1.027	0.860	0.905	0.830	1.014	0.919	0.885	0.959	0.884	0.973	1.013	1.022	0.865
Geo Mean	8.9	9.7	10.6	7.2	8.0	6.8	10.3	8.3	7.7	9.1	7.7	9.4	10.3	10.5	7.3
Log StDv	0.204	0.217	0.229	0.147	0.168	0.131	0.172	0.191	0.167	0.175	0.152	0.188	0.187	0.153	0.208
Log CVar	0.215	0.220	0.223	0.171	0.186	0.158	0.170	0.208	0.189	0.183	0.172	0.193	0.185	0.150	0.241
Percntls															
Minimum	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
10th	5	5	5	5	5	5	6	5	5	5	5	5	5	6	5
20th	5	6	6	5	5	5	7	5	5	6	5	5	7	7	5
30th	6	7	8	5	6	5	8	6	5	7	6	8	8	9	5
40th	7	8	10	6	7	6	10	7	7	8	7	8	10	9	5
50th	9	10	11	7	8	6	11	8	8	9	8	9	10	11	6
60th	10	12	12	8	9	7	12	9	8	10	9	10	11	11	7
70th	11	13	15	9	10	8	13	11	9	12	9	11	13	14	7
80th	14	15	16	10	11	9	15	12	10	14	10	15	15	14	11
85th	15	17	18	11	12	10	16	13	10	14	10	16	16	15	13
90th	17	19	21	12	13	10	16	14	12	16	11	17	17	16	15
95th	20	22	26	13	16	12	18	18	15	16	16	18	17	18	20
98th	25	25	29	15	19	14	19	26	22	18	17	20	18	18	22
99th	28	27	36	16	20	15	22	26	22	19	17	23	31	18	22
Maximum	81	45	81	20	21	19	26	27	23	20	17	23	31	18	22

Cobalt (Co)
Lake Sediment

number of values	: 3001
units	: ppm
detection limit	: 5
analytical method	: INAA

Cobalt by INAA

Summary Statistics - Lake Sites



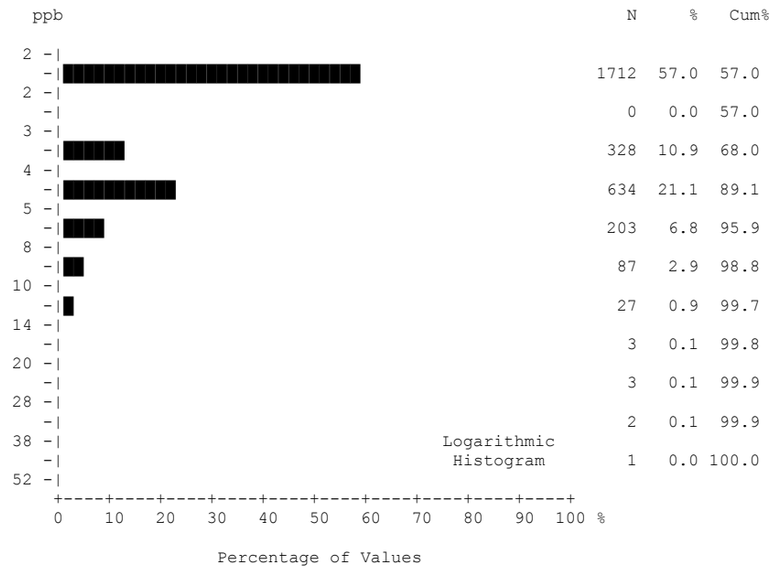
	All	othr	MTrCc	lmJHz	ETEn	ETOo	LTQCh	MJqd	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	2589	479	326	269	267	243	103	97	93	76	58	42	34	23	22
N > DL	703	167	54	90	99	98	16	22	41	16	11	18	5	3	0
Missing	580	43	120	38	46	35	14	22	8	0	10	13	0	0	0
Mean	1.3	1.4	1.2	1.4	1.4	1.5	1.2	1.2	1.6	1.3	1.2	1.5	1.1	1.1	1.0
Median	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Mode	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Range	8	4	3	3	3	3	1	2	8	2	2	2	1	1	0
St Dev	0.58	0.62	0.46	0.62	0.59	0.64	0.36	0.45	1.00	0.58	0.54	0.71	0.36	0.34	0.00
Coef Var	0.437	0.440	0.384	0.447	0.417	0.432	0.315	0.365	0.630	0.454	0.435	0.456	0.313	0.305	0.000
Log Mean	0.089	0.116	0.053	0.110	0.120	0.134	0.047	0.070	0.153	0.075	0.066	0.150	0.044	0.039	0.000
Geo Mean	1.2	1.3	1.1	1.3	1.3	1.4	1.1	1.2	1.4	1.2	1.2	1.4	1.1	1.1	1.0
Log StDv	0.151	0.164	0.123	0.162	0.161	0.170	0.110	0.131	0.190	0.151	0.142	0.183	0.108	0.104	0.000
Log CVar	1.694	1.424	2.322	1.475	1.343	1.266	2.382	1.875	1.249	2.039	2.156	1.228	2.459	2.658	0.000
Percntls															
Minimum	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10th	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20th	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30th	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40th	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
50th	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
60th	1	1	1	1	1	2	1	1	2	1	1	2	1	1	1
70th	1	2	1	2	2	2	1	1	2	1	1	2	1	1	1
80th	2	2	1	2	2	2	1	2	2	2	1	2	1	1	1
85th	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1
90th	2	2	2	2	2	2	2	2	2	2	2	3	2	2	1
95th	2	3	2	2	2	3	2	2	3	3	2	3	2	2	1
98th	3	3	2	3	3	3	2	2	3	3	3	3	2	2	1
99th	3	3	3	4	3	3	2	2	3	3	3	3	2	2	1
Maximum	9	5	4	4	4	4	2	3	9	3	3	3	2	2	1

Europium (Eu)
Lake Sediment

number of values : 2589
units : ppm
detection limit : 1
analytical method : INAA

Europium by INAA

Summary Statistics - Lake Sites



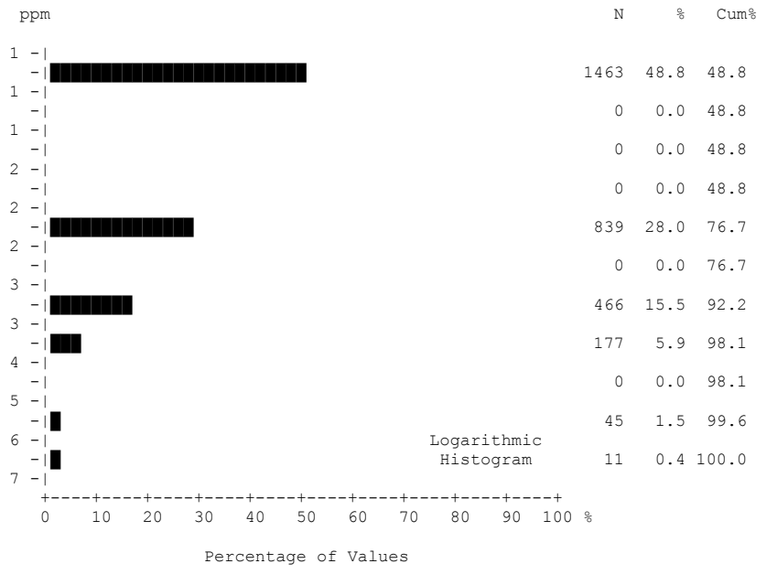
	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	1289	419	196	71	87	68	65	20	41	49	18	17	18	8	14
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	3.3	4.0	3.5	2.7	2.8	2.9	3.3	2.3	3.8	3.8	2.5	3.2	3.0	2.7	4.0
Median	2.0	3.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	4.0	2.0	2.0	3.0	2.0	3.0
Mode	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Range	51	15	29	10	10	40	8	5	51	6	4	6	6	3	9
St Dev	2.41	2.31	2.94	1.71	1.44	2.88	1.70	0.87	5.59	1.67	1.04	1.81	1.38	1.07	2.51
Coef Var	0.734	0.581	0.843	0.625	0.514	1.011	0.509	0.373	1.476	0.444	0.413	0.562	0.456	0.404	0.627
Log Mean	0.455	0.538	0.468	0.392	0.407	0.397	0.478	0.350	0.467	0.531	0.377	0.455	0.447	0.397	0.537
Geo Mean	2.9	3.5	2.9	2.5	2.6	2.5	3.0	2.2	2.9	3.4	2.4	2.8	2.8	2.5	3.4
Log StDv	0.208	0.225	0.225	0.176	0.169	0.181	0.191	0.117	0.244	0.196	0.139	0.205	0.166	0.148	0.233
Log CVar	0.457	0.419	0.481	0.449	0.417	0.456	0.399	0.334	0.524	0.370	0.369	0.453	0.372	0.373	0.433
Percntls															
Minimum	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10th	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20th	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30th	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
40th	2	3	2	2	2	2	2	2	2	3	2	2	2	2	3
50th	2	3	2	2	2	2	3	2	2	4	2	2	3	2	3
60th	3	4	3	2	2	2	3	2	3	4	2	3	3	2	4
70th	4	5	4	2	3	2	4	2	4	5	2	4	3	3	4
80th	4	6	5	3	4	4	5	2	4	5	3	4	4	3	5
85th	5	6	5	4	4	4	5	3	5	6	4	5	4	4	6
90th	6	7	6	4	5	5	5	4	6	6	4	6	5	5	6
95th	7	9	7	6	5	5	6	4	6	7	5	7	5	5	10
98th	9	10	10	9	7	7	9	5	13	7	6	8	6	5	11
99th	11	12	16	10	7	10	9	6	14	7	6	8	8	5	11
Maximum	53	17	31	12	12	42	10	7	53	8	6	8	8	5	11

Gold (Au)
Lake Sediment

number of values	: 3001
units	: ppb
detection limit	: 2
analytical method	: INAA

Gold by INAA

Summary Statistics - Lake Sites



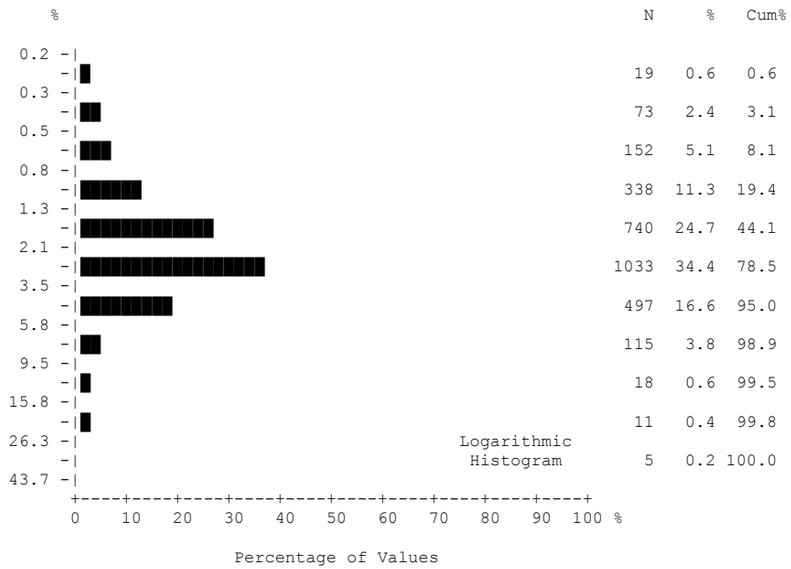
	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	1538	226	228	133	191	192	65	43	64	27	24	32	15	5	6
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	1.8	1.5	1.8	1.8	2.3	2.5	1.9	1.6	2.3	1.4	1.6	2.4	1.6	1.3	1.4
Median	2.0	1.0	2.0	1.0	2.0	2.0	2.0	1.0	2.0	1.0	1.0	2.0	1.0	1.0	1.0
Mode	1.0	1.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	3.0	1.0	1.0	1.0
Range	5	4	5	5	5	5	4	5	4	4	3	3	3	2	2
St Dev	1.02	0.73	1.02	0.97	1.17	1.12	0.99	0.99	1.16	0.72	0.90	0.97	0.88	0.63	0.66
Coef Var	0.555	0.501	0.551	0.549	0.504	0.447	0.523	0.613	0.504	0.497	0.580	0.409	0.536	0.487	0.482
Log Mean	0.207	0.120	0.207	0.192	0.308	0.350	0.221	0.149	0.303	0.121	0.139	0.332	0.166	0.081	0.980
Geo Mean	1.6	1.3	1.6	1.6	2.0	2.2	1.7	1.4	2.0	1.3	1.4	2.1	1.5	1.2	1.3
Log StDv	0.221	0.179	0.221	0.212	0.227	0.214	0.220	0.212	0.232	0.174	0.203	0.204	0.204	0.162	0.170
Log CVar	1.067	1.490	1.072	1.110	0.738	0.614	0.998	1.423	0.767	1.438	1.474	0.616	1.230	2.025	1.733
Percntls															
Minimum	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10th	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20th	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30th	1	1	1	1	2	2	1	1	1	1	1	2	1	1	1
40th	1	1	1	1	2	2	1	1	2	1	1	2	1	1	1
50th	2	1	2	1	2	2	2	1	2	1	1	2	1	1	1
60th	2	1	2	2	2	3	2	1	3	1	1	3	2	1	1
70th	2	2	2	2	3	3	2	2	3	2	2	3	2	1	1
80th	3	2	3	2	3	3	3	2	3	2	2	3	2	1	2
85th	3	2	3	3	3	4	3	3	4	2	2	3	2	2	2
90th	3	2	3	3	4	4	3	3	4	2	3	4	3	2	2
95th	4	3	4	4	5	4	4	4	4	3	4	4	3	3	3
98th	4	3	4	4	5	5	4	4	5	3	4	4	4	3	3
99th	5	4	5	5	5	5	4	5	5	3	4	4	4	3	3
Maximum	6	5	6	6	6	6	5	6	5	5	4	4	4	3	3

Hafnium (Hf)
Lake Sediment

number of values	: 3001
units	: ppm
detection limit	: 1
analytical method	: INAA

Hafnium by INAA

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	2982	671	443	267	268	243	119	117	92	74	68	41	34	23	22
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	2.63	2.60	3.14	2.35	2.60	2.09	2.70	2.40	2.24	1.86	2.59	3.33	2.41	3.07	1.96
Median	2.20	2.20	2.60	2.00	2.40	2.00	2.60	1.90	2.10	1.40	1.80	3.30	2.10	2.80	1.00
Mode	1.70	1.30	0.90	1.70	2.00	1.90	1.40	1.40	1.50	0.90	1.30	3.50	0.90	2.60	0.40
Range	29.7	29.7	26.3	9.7	11.7	5.1	12.5	26.9	6.2	15.8	26.6	7.3	6.1	5.8	9.1
St Dev	2.19	2.41	2.70	1.50	1.50	0.92	1.61	2.64	1.20	1.96	4.14	1.86	1.41	1.31	2.32
Coef Var	0.830	0.928	0.858	0.639	0.578	0.439	0.594	1.102	0.533	1.053	1.599	0.558	0.583	0.426	1.185
Log Mean	0.320	0.293	0.385	0.281	0.351	0.275	0.365	0.276	0.280	0.139	0.235	0.449	0.317	0.438	0.077
Geo Mean	2.09	1.96	2.43	1.91	2.24	1.88	2.32	1.89	1.91	1.38	1.72	2.81	2.07	2.74	1.19
Log StDv	0.303	0.333	0.319	0.298	0.247	0.208	0.248	0.283	0.273	0.338	0.349	0.275	0.241	0.232	0.421
Log CVar	0.949	1.136	0.828	1.065	0.705	0.760	0.678	1.031	0.975	2.447	1.486	0.613	0.763	0.530	5.542
Percntls															
Minimum	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.4	0.2	0.2	0.3	0.5	0.8	0.5	0.3
10th	0.8	0.7	0.9	0.7	1.1	0.9	1.1	0.8	0.8	0.5	0.6	1.0	0.9	1.4	0.4
20th	1.3	1.1	1.4	1.2	1.5	1.3	1.4	1.2	1.3	0.8	1.1	1.8	1.2	2.0	0.4
30th	1.6	1.4	1.8	1.6	1.8	1.6	1.8	1.4	1.5	0.9	1.3	2.1	1.4	2.2	0.6
40th	1.9	1.7	2.2	1.8	2.1	1.9	2.2	1.6	1.8	1.2	1.6	2.5	1.9	2.6	0.7
50th	2.2	2.2	2.6	2.0	2.4	2.0	2.6	1.9	2.1	1.4	1.8	3.3	2.1	2.8	1.0
60th	2.6	2.6	3.0	2.3	2.7	2.2	2.8	2.2	2.4	1.7	2.0	3.5	2.2	3.6	1.4
70th	3.0	2.9	3.5	2.7	3.0	2.5	3.2	2.6	2.6	2.2	2.4	3.6	2.5	3.9	1.4
80th	3.6	3.5	4.3	3.2	3.4	2.7	3.6	3.2	3.1	2.6	2.7	4.2	3.9	4.1	2.7
85th	3.9	3.9	4.8	3.6	3.7	3.0	3.8	3.5	3.2	2.8	3.1	5.6	4.1	4.3	3.9
90th	4.5	4.5	5.7	4.4	4.1	3.1	4.2	4.2	3.6	2.9	3.6	6.1	4.3	4.3	5.5
95th	5.7	5.9	6.7	5.1	4.8	3.8	4.9	4.5	3.9	3.7	4.2	7.1	4.5	4.4	6.2
98th	7.4	8.3	10.0	6.5	6.4	4.4	6.4	5.8	5.7	4.1	23.8	7.4	4.8	6.3	9.4
99th	10.0	11.0	18.0	6.8	7.8	4.9	7.6	6.3	6.0	5.7	23.8	7.8	6.9	6.3	9.4
Maximum	29.9	29.9	26.5	9.9	12.0	5.5	13.0	27.3	6.4	16.0	26.9	7.8	6.9	6.3	9.4

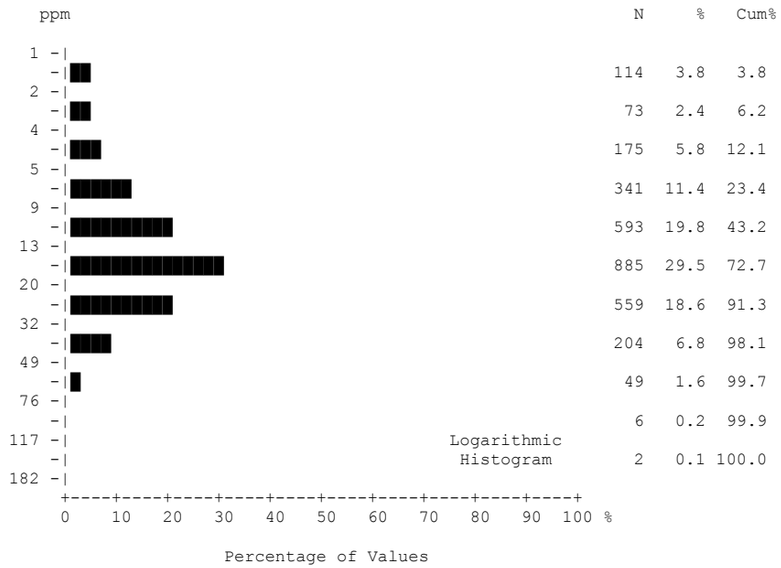
Iron (Fe)

Lake Sediment

number of values	: 3001
units	: %
detection limit	: 0.2
analytical method	: INAA

Iron by INAA

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	2887	645	411	258	263	239	116	111	93	75	67	41	34	23	21
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	16.7	11.3	15.0	15.7	20.2	25.0	17.1	12.3	24.2	17.9	17.3	18.5	21.3	12.0	8.2
Median	15.0	10.0	15.0	14.0	20.0	23.0	16.0	11.0	21.0	15.0	16.0	18.0	19.0	12.0	7.0
Mode	15.0	12.0	2.0	14.0	21.0	24.0	15.0	10.0	21.0	16.0	18.0	21.0	15.0	3.0	4.0
Range	148	35	128	77	64	76	55	39	147	65	53	32	53	21	25
St Dev	11.58	6.38	10.84	10.63	11.00	14.71	7.96	7.98	17.85	11.80	10.74	7.33	11.12	6.18	5.65
Coef Var	0.695	0.565	0.721	0.677	0.544	0.587	0.466	0.646	0.737	0.659	0.619	0.397	0.522	0.513	0.690
Log Mean	1.121	0.975	1.071	1.096	1.228	1.314	1.177	0.991	1.299	1.179	1.152	1.232	1.272	1.014	0.837
Geo Mean	13.2	9.4	11.8	12.5	16.9	20.6	15.0	9.8	19.9	15.1	14.2	17.1	18.7	10.3	6.9
Log StDv	0.316	0.278	0.335	0.316	0.286	0.295	0.243	0.316	0.280	0.257	0.292	0.177	0.231	0.263	0.254
Log CVar	0.282	0.286	0.313	0.288	0.233	0.225	0.206	0.318	0.216	0.218	0.254	0.144	0.182	0.259	0.304
Percntls															
Minimum	2	2	2	2	2	2	2	2	3	2	2	6	6	3	2
10th	5	4	3	4	6	8	8	3	8	7	6	10	6	3	4
20th	8	6	7	7	10	13	11	5	13	10	7	11	12	6	4
30th	10	7	10	10	14	16	13	7	16	12	9	14	15	8	5
40th	13	9	13	12	17	19	15	9	19	14	13	16	16	9	6
50th	15	10	15	14	20	23	16	11	21	15	16	18	19	12	7
60th	17	12	17	16	22	26	18	13	24	17	18	20	21	13	7
70th	20	14	19	18	25	30	20	15	27	19	20	21	25	15	8
80th	23	16	21	22	28	34	22	18	32	21	24	22	27	17	11
85th	25	17	22	25	31	40	23	19	35	25	27	24	30	19	11
90th	30	19	23	28	34	45	26	23	40	30	33	29	32	22	12
95th	37	22	26	33	40	54	29	26	44	38	38	32	34	22	19
98th	48	29	42	44	48	65	35	34	55	47	43	34	47	24	27
99th	59	32	48	55	51	70	35	37	63	67	43	38	59	24	27
Maximum	150	37	130	79	66	78	57	41	150	67	55	38	59	24	27

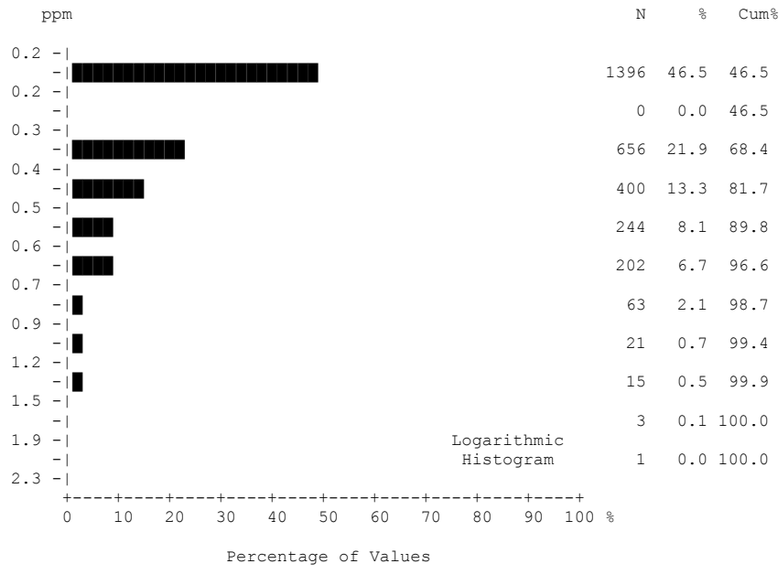
Lanthanum (La)

Lake Sediment

number of values	: 3001
units	: ppm
detection limit	: 2
analytical method	: INAA

Lanthanum by INAA

Summary Statistics - Lake Sites



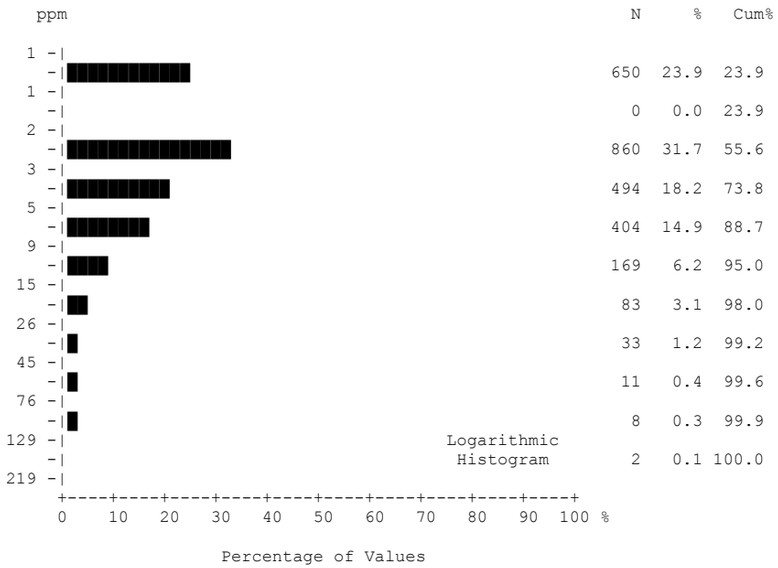
	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	1605	247	213	174	177	194	57	76	61	40	42	28	6	10	3
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	0.33	0.26	0.28	0.34	0.40	0.52	0.29	0.34	0.36	0.27	0.41	0.37	0.23	0.27	0.22
Median	0.30	0.20	0.20	0.30	0.30	0.50	0.20	0.30	0.30	0.30	0.30	0.40	0.20	0.20	0.20
Mode	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Range	1.7	0.6	0.7	1.3	1.7	1.3	0.4	0.7	1.0	0.3	0.9	0.5	0.3	0.3	0.3
St Dev	0.18	0.09	0.11	0.16	0.25	0.29	0.11	0.15	0.19	0.08	0.24	0.15	0.07	0.10	0.07
Coef Var	0.555	0.362	0.396	0.468	0.612	0.560	0.380	0.433	0.536	0.288	0.587	0.415	0.294	0.361	0.308
Log Mean	-0.531	-0.611	-0.575	-0.501	-0.457	-0.349	-0.564	-0.505	-0.491	-0.584	-0.451	-0.466	-0.658	-0.592	-0.665
Geo Mean	0.29	0.25	0.27	0.32	0.35	0.45	0.27	0.31	0.32	0.26	0.35	0.34	0.22	0.26	0.22
Log StDv	0.191	0.129	0.148	0.180	0.224	0.244	0.154	0.174	0.191	0.120	0.239	0.186	0.980	0.139	0.096
Log CVar	-0.359	-0.212	-0.258	-0.358	-0.492	-0.698	-0.274	-0.344	-0.390	-0.205	-0.531	-0.400	-0.149	-0.234	-0.145
Percntls															
Minimum	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10th	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
20th	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30th	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
40th	0.2	0.2	0.2	0.3	0.3	0.4	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.2	0.2
50th	0.3	0.2	0.2	0.3	0.3	0.5	0.2	0.3	0.3	0.3	0.3	0.4	0.2	0.2	0.2
60th	0.3	0.2	0.3	0.3	0.4	0.5	0.3	0.3	0.4	0.3	0.4	0.4	0.2	0.3	0.2
70th	0.4	0.3	0.3	0.4	0.5	0.6	0.4	0.4	0.4	0.3	0.5	0.5	0.2	0.3	0.2
80th	0.4	0.3	0.4	0.5	0.5	0.8	0.4	0.5	0.4	0.3	0.6	0.5	0.2	0.3	0.2
85th	0.5	0.3	0.4	0.5	0.6	0.8	0.4	0.5	0.5	0.4	0.7	0.5	0.3	0.4	0.2
90th	0.6	0.4	0.4	0.6	0.7	0.9	0.4	0.5	0.5	0.4	0.8	0.6	0.3	0.4	0.3
95th	0.7	0.4	0.5	0.6	0.9	1.1	0.5	0.6	0.7	0.4	0.9	0.6	0.3	0.5	0.3
98th	0.9	0.5	0.6	0.7	1.1	1.3	0.5	0.8	1.0	0.4	1.1	0.7	0.4	0.5	0.5
99th	1.0	0.6	0.6	0.7	1.2	1.3	0.6	0.8	1.1	0.4	1.1	0.7	0.5	0.5	0.5
Maximum	1.9	0.8	0.9	1.5	1.9	1.5	0.6	0.9	1.2	0.5	1.1	0.7	0.5	0.5	0.5

Lutetium (Lu)
Lake Sediment

number of values : 3001
units : ppm
detection limit : 0.2
analytical method : INAA

Lutetium by INAA

Summary Statistics - Lake Sites



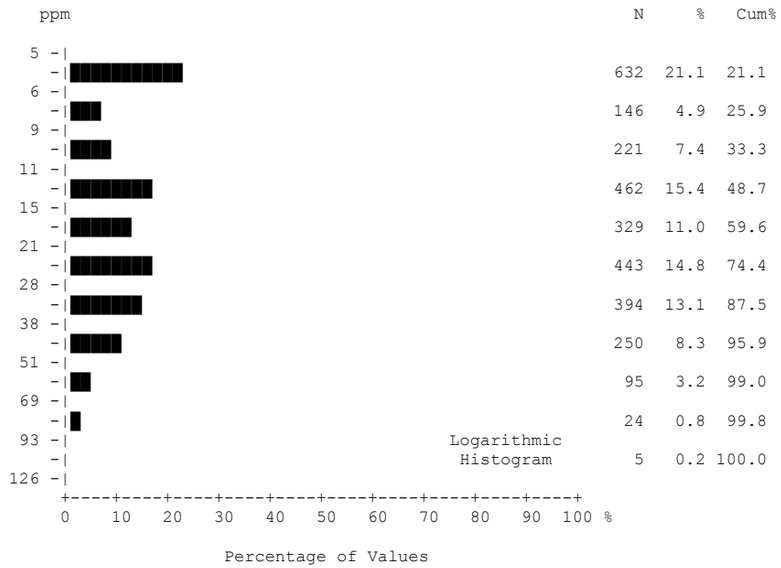
	All	TrJTk	othr	ETEn	ETOo	lmJHz	MJqd	LTQCh	uKKs	KTpg	TrJdr	EKgd	PJKu	lJCl
N	2714	657	421	252	239	141	119	117	91	76	68	34	23	22
N > DL	2064	508	334	166	135	119	100	87	80	42	65	21	20	20
Missing	455	31	101	61	39	166	0	0	10	0	0	0	0	0
Mean	5.3	5.1	8.9	3.3	3.5	5.3	4.2	4.2	4.3	3.2	9.7	6.8	4.9	5.4
Median	3.0	3.0	4.0	2.0	2.0	4.0	3.0	3.0	3.0	2.0	6.0	2.0	4.0	3.0
Mode	1.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	2.0	1.0	2.0	1.0	3.0	2.0
Range	198	76	198	50	35	123	16	61	15	24	48	149	12	36
St Dev	9.30	6.43	17.01	4.37	4.02	10.72	3.28	6.63	3.32	4.40	10.58	25.36	3.68	8.24
Coef Var	1.763	1.274	1.904	1.333	1.156	2.011	0.791	1.567	0.771	1.358	1.092	3.749	0.749	1.523
Log Mean	0.504	0.516	0.647	0.364	0.361	0.542	0.503	0.435	0.523	0.319	0.806	0.349	0.575	0.523
Geo Mean	3.2	3.3	4.4	2.3	2.3	3.5	3.2	2.7	3.3	2.1	6.4	2.2	3.8	3.3
Log StDv	0.395	0.385	0.479	0.330	0.375	0.351	0.318	0.363	0.313	0.363	0.391	0.425	0.335	0.366
Log CVar	0.786	0.748	0.741	0.906	1.042	0.650	0.634	0.836	0.599	1.140	0.485	1.220	0.582	0.700
Percntls														
Minimum	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10th	1	1	1	1	1	1	1	1	1	1	2	1	1	1
20th	1	1	1	1	1	2	2	1	2	1	3	1	2	2
30th	2	2	2	1	1	2	2	2	2	1	4	1	3	2
40th	2	3	3	2	1	3	3	2	2	1	5	2	3	2
50th	3	3	4	2	2	4	3	3	3	2	6	2	4	3
60th	4	4	6	3	3	4	4	3	4	2	7	2	4	3
70th	5	5	8	3	4	5	5	4	5	3	9	3	5	4
80th	7	7	11	4	5	6	6	5	6	4	13	4	7	5
85th	8	8	13	5	6	7	7	6	7	5	16	4	8	5
90th	10	10	18	6	7	9	8	7	9	6	19	5	12	6
95th	16	14	27	7	11	12	10	13	11	10	35	7	13	22
98th	26	27	66	13	14	18	15	19	14	15	48	7	13	37
99th	37	35	93	18	17	22	16	24	16	25	48	150	13	37
Maximum	199	77	199	51	36	124	17	62	16	25	49	150	13	37

Molybdenum (Mo)
Lake Sediment

number of values : 3001
units : ppm
detection limit : 1
analytical method : INAA

Molybdenum by INAA

Summary Statistics - Lake Sites



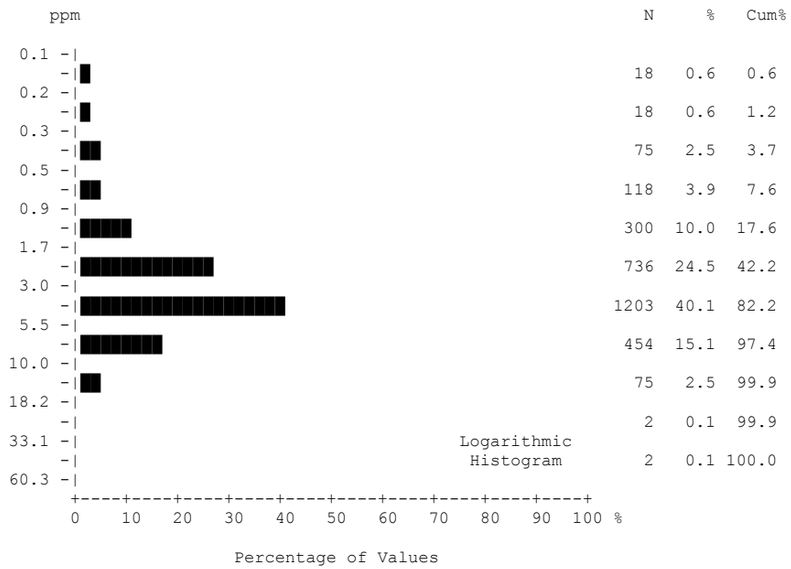
	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	2426	531	371	234	214	188	106	72	83	53	38	41	31	18	12
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	20.5	18.3	23.3	19.8	21.9	23.7	20.4	14.3	25.0	17.5	12.5	27.3	17.8	14.3	10.7
Median	16.0	15.0	20.0	15.0	18.0	22.0	18.0	9.0	23.0	13.0	7.0	25.0	15.0	13.0	6.0
Mode	5.0	5.0	5.0	15.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	15.0	5.0	5.0	5.0
Range	105	80	87	72	79	95	63	62	81	105	48	65	43	32	39
St Dev	15.19	13.68	16.67	13.20	15.27	17.03	12.87	13.16	16.90	16.89	11.91	13.87	10.17	9.31	9.98
Coef Var	0.740	0.748	0.715	0.667	0.697	0.718	0.632	0.918	0.676	0.964	0.953	0.508	0.572	0.651	0.935
Log Mean	1.193	1.143	1.244	1.210	1.221	1.243	1.219	1.017	1.293	1.103	0.961	1.389	1.181	1.075	0.915
Geo Mean	15.6	13.9	17.6	16.2	16.6	17.5	16.6	10.4	19.6	12.7	9.1	24.5	15.2	11.9	8.2
Log StDv	0.333	0.327	0.346	0.280	0.342	0.364	0.291	0.333	0.323	0.341	0.318	0.202	0.254	0.269	0.289
Log CVar	0.279	0.286	0.278	0.231	0.280	0.293	0.239	0.328	0.250	0.309	0.331	0.145	0.215	0.251	0.316
Percntls															
Minimum	5	5	5	5	5	5	5	5	5	5	5	8	5	5	5
10th	5	5	5	5	5	5	5	5	5	5	5	15	5	5	5
20th	6	5	7	11	5	5	9	5	9	5	5	15	9	5	5
30th	10	8	11	15	11	10	12	5	16	5	5	17	11	10	5
40th	14	11	16	15	15	17	16	6	20	10	5	21	14	10	5
50th	16	15	20	15	18	22	18	9	23	13	7	25	15	13	6
60th	21	17	25	15	22	26	21	12	26	17	9	27	16	14	7
70th	26	23	30	21	30	30	23	17	28	20	12	29	21	15	8
80th	32	29	36	27	36	37	30	22	33	23	13	35	25	16	14
85th	36	33	42	35	39	41	34	26	38	26	24	39	27	21	19
90th	41	38	46	39	42	44	39	28	46	31	35	41	29	32	20
95th	49	44	54	44	50	54	43	43	59	51	37	56	34	35	31
98th	61	51	67	63	58	66	53	56	75	55	51	60	41	37	44
99th	68	62	76	64	61	76	55	62	78	57	51	73	48	37	44
Maximum	110	85	92	77	84	100	68	67	86	110	53	73	48	37	44

Rubidium (Rb)
Lake Sediment

number of values	: 3001
units	: ppm
detection limit	: 5
analytical method	: INAA

Rubidium by INAA

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	2983	674	440	269	268	243	119	116	93	76	68	41	34	23	22
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	3.79	2.62	3.33	3.98	4.76	5.68	3.81	2.88	5.43	3.80	3.72	4.93	3.84	3.01	1.82
Median	3.50	2.50	3.20	3.80	4.50	5.10	3.80	2.70	4.90	3.70	3.40	4.50	3.80	3.10	1.50
Mode	3.40	2.60	3.20	4.30	3.40	10.00	4.80	1.70	3.70	3.70	1.50	2.90	3.70	0.60	0.90
Range	38.5	9.5	37.1	13.8	17.7	15.7	11.2	8.0	38.1	9.7	11.7	7.7	5.1	5.2	4.3
St Dev	2.60	1.42	2.80	2.32	2.57	3.31	1.73	1.73	4.22	1.80	2.39	1.73	1.29	1.54	1.07
Coef Var	0.685	0.544	0.841	0.583	0.539	0.582	0.453	0.602	0.778	0.475	0.641	0.350	0.336	0.510	0.587
Log Mean	0.476	0.337	0.397	0.510	0.598	0.671	0.524	0.359	0.652	0.527	0.482	0.668	0.553	0.408	0.197
Geo Mean	2.99	2.17	2.49	3.23	3.97	4.68	3.34	2.29	4.49	3.37	3.03	4.66	3.57	2.56	1.57
Log StDv	0.335	0.299	0.381	0.314	0.296	0.294	0.257	0.334	0.280	0.235	0.299	0.146	0.185	0.276	0.237
Log CVar	0.704	0.891	0.963	0.617	0.495	0.439	0.492	0.932	0.430	0.445	0.620	0.218	0.335	0.678	1.211
Percntls															
Minimum	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.1	0.5	0.3	0.2	2.3	0.9	0.6	0.5
10th	1.1	0.9	0.7	1.2	1.5	2.0	1.7	0.9	2.1	1.7	1.4	2.9	1.7	0.8	0.8
20th	1.8	1.4	1.5	1.9	2.5	2.8	2.4	1.3	3.1	2.4	1.8	3.4	2.8	1.5	0.9
30th	2.4	1.7	2.2	2.8	3.4	3.5	2.8	1.7	3.7	2.9	1.9	3.7	3.1	1.9	1.1
40th	2.9	2.1	2.7	3.3	3.9	4.4	3.4	2.1	4.2	3.4	2.9	4.1	3.7	2.3	1.3
50th	3.5	2.5	3.2	3.8	4.5	5.1	3.8	2.7	4.9	3.7	3.4	4.5	3.8	3.1	1.5
60th	4.0	2.9	3.7	4.2	5.2	5.7	4.1	3.1	5.8	4.0	3.9	5.1	4.2	3.5	1.8
70th	4.5	3.3	4.2	4.7	5.9	6.8	4.5	3.7	6.3	4.3	4.2	5.5	4.5	3.7	1.9
80th	5.2	3.8	4.6	5.6	6.7	8.2	4.9	4.3	6.7	4.6	5.0	5.8	4.7	4.0	2.4
85th	5.8	4.0	4.8	5.9	7.3	9.3	5.3	4.6	7.7	5.2	6.1	6.3	5.2	4.8	2.7
90th	6.7	4.5	5.1	6.9	7.7	10.0	5.9	5.4	8.3	5.3	6.6	7.7	5.7	5.2	2.8
95th	8.2	4.9	5.7	8.1	9.0	12.0	6.9	6.0	9.3	6.9	7.9	7.9	5.8	5.3	4.2
98th	10.1	5.7	8.0	10.9	10.5	14.0	7.2	7.1	11.0	9.3	11.0	8.5	5.9	5.8	4.8
99th	12.0	6.6	11.6	12.0	11.1	15.4	8.2	7.4	12.6	10.0	11.0	10.0	6.0	5.8	4.8
Maximum	38.6	9.6	37.2	14.0	18.0	16.0	11.4	8.1	38.6	10.0	11.9	10.0	6.0	5.8	4.8

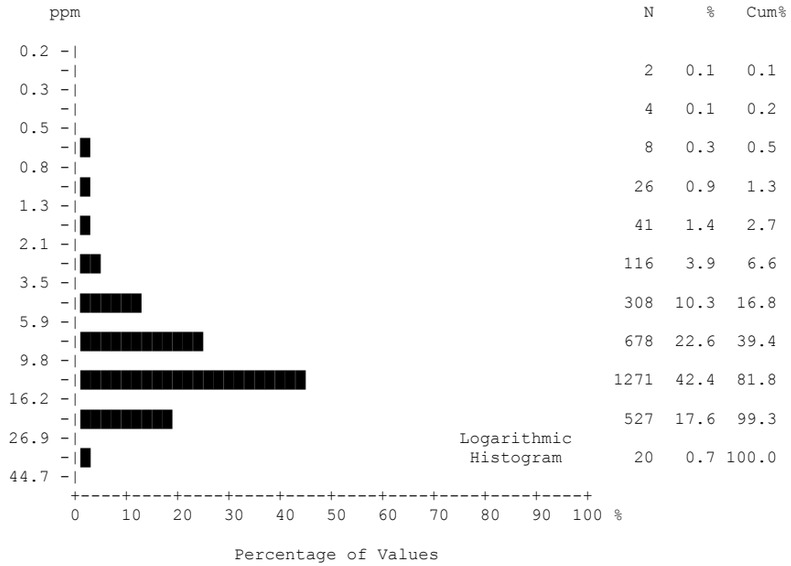
Samarium (Sm)

Lake Sediment

number of values	: 3001
units	: ppm
detection limit	: 0.1
analytical method	: INAA

Samarium by INAA

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	2999	678	445	269	268	243	119	117	93	76	68	41	34	23	22
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	11.44	11.75	11.80	10.76	12.42	10.36	12.48	9.12	10.94	10.19	9.26	14.54	10.48	10.90	7.65
Median	11.00	11.00	12.00	10.00	12.00	10.00	13.00	7.60	11.00	9.50	8.50	14.00	10.00	11.00	6.00
Mode	10.00	14.00	10.00	10.00	12.00	11.00	10.00	10.00	14.00	12.00	10.00	18.00	11.00	11.00	4.40
Range	33.8	29.0	33.6	23.4	27.7	29.4	21.6	24.5	19.9	18.2	25.1	21.3	15.0	18.1	15.5
St Dev	5.55	5.76	6.18	5.04	5.82	4.47	4.66	5.00	4.71	4.06	4.58	4.87	3.66	4.94	4.25
Coef Var	0.485	0.491	0.524	0.469	0.468	0.431	0.374	0.549	0.431	0.398	0.495	0.335	0.349	0.453	0.556
Log Mean	0.991	1.000	0.981	0.967	1.032	0.971	1.054	0.882	0.987	0.969	0.915	1.137	0.993	0.991	0.829
Geo Mean	9.80	10.01	9.58	9.26	10.76	9.36	11.32	7.62	9.70	9.30	8.23	13.72	9.84	9.79	6.75
Log StDv	0.274	0.281	0.330	0.269	0.260	0.208	0.220	0.292	0.235	0.199	0.219	0.155	0.160	0.213	0.217
Log CVar	0.276	0.281	0.336	0.278	0.252	0.214	0.209	0.331	0.239	0.205	0.240	0.136	0.161	0.215	0.261
Percntls															
Minimum	0.2	0.3	0.2	0.6	0.9	1.2	1.1	0.3	1.5	1.8	1.6	5.7	4.0	3.9	2.5
10th	4.5	4.7	3.0	4.1	4.7	4.7	6.3	3.2	4.3	5.3	4.3	8.1	5.5	4.6	4.1
20th	6.5	6.6	5.8	5.8	7.3	6.7	8.7	5.1	5.9	6.4	5.2	9.6	7.2	5.9	4.4
30th	8.1	8.2	8.3	7.9	8.9	8.0	10.0	5.9	8.0	7.6	6.1	11.0	8.0	6.8	4.6
40th	10.0	10.0	10.0	9.5	11.0	9.0	11.0	6.9	10.0	8.2	7.7	13.0	8.5	8.1	6.0
50th	11.0	11.0	12.0	10.0	12.0	10.0	13.0	7.6	11.0	9.5	8.5	14.0	10.0	11.0	6.0
60th	13.0	13.0	14.0	12.0	14.0	11.0	14.0	9.5	13.0	12.0	10.0	16.0	11.0	11.0	6.9
70th	14.0	14.0	15.0	13.0	16.0	12.0	15.0	11.0	14.0	12.0	11.0	18.0	12.0	13.0	7.6
80th	16.0	17.0	17.0	15.0	18.0	13.0	17.0	14.0	15.0	14.0	12.0	18.0	14.0	15.0	10.0
85th	17.0	18.0	18.0	16.0	18.0	14.0	17.0	15.0	16.0	15.0	14.0	19.0	14.0	16.0	11.0
90th	19.0	20.0	20.0	17.0	20.0	16.0	19.0	16.0	17.0	16.0	14.0	19.0	15.0	17.0	14.0
95th	21.1	22.1	22.3	19.0	22.1	19.0	20.0	17.0	18.0	16.0	16.0	23.0	16.0	19.0	18.0
98th	23.8	24.8	24.1	22.0	25.0	20.0	21.1	21.0	19.0	18.0	25.1	24.0	17.0	22.0	18.0
99th	26.3	26.9	26.3	22.0	26.0	23.9	21.7	22.6	21.0	19.0	25.1	27.0	19.0	22.0	18.0
Maximum	34.0	29.3	33.8	24.0	28.6	30.6	22.7	24.8	21.4	20.0	26.7	27.0	19.0	22.0	18.0

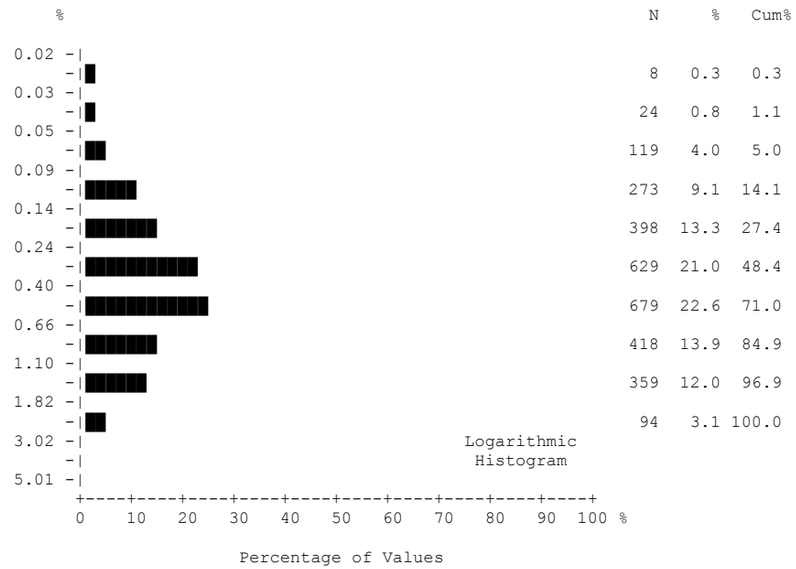
Scandium (Sc)

Lake Sediment

number of values	: 3001
units	: ppm
detection limit	: 0.2
analytical method	: INAA

Scandium by INAA

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	2998	678	445	269	268	243	119	117	93	76	68	41	34	23	22
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	0.57	0.56	0.64	0.46	0.55	0.48	0.74	0.48	0.58	0.38	0.44	0.58	0.66	0.49	0.48
Median	0.41	0.42	0.48	0.32	0.40	0.36	0.58	0.31	0.42	0.33	0.25	0.44	0.47	0.46	0.19
Mode	1.20	1.20	1.20	0.08	0.31	0.28	1.20	0.10	0.38	0.16	0.25	0.18	0.14	0.10	0.10
Range	2.82	2.59	2.82	2.78	2.60	2.37	2.47	1.99	2.17	0.89	1.84	1.70	2.33	1.10	1.62
St Dev	0.49	0.47	0.52	0.42	0.51	0.40	0.60	0.46	0.46	0.25	0.42	0.45	0.55	0.32	0.53
Coef Var	0.867	0.837	0.815	0.913	0.922	0.831	0.813	0.962	0.796	0.656	0.949	0.784	0.843	0.657	1.107
Log Mean	-0.401	-0.399	-0.359	-0.486	-0.410	-0.438	-0.278	-0.495	-0.370	-0.535	-0.519	-0.361	-0.314	-0.406	-0.562
Geo Mean	0.40	0.40	0.44	0.33	0.39	0.37	0.53	0.32	0.43	0.29	0.30	0.44	0.49	0.39	0.27
Log StDv	0.384	0.380	0.415	0.370	0.366	0.324	0.374	0.394	0.353	0.338	0.382	0.333	0.342	0.303	0.460
Log CVar	-0.961	-0.954	-1.160	-0.762	-0.892	-0.741	-1.350	-0.795	-0.953	-0.632	-0.737	-0.926	-1.092	-0.747	-0.819
Percntls															
Minimum	0.02	0.03	0.02	0.05	0.04	0.06	0.06	0.04	0.05	0.04	0.06	0.09	0.14	0.10	0.08
10th	0.12	0.12	0.11	0.09	0.14	0.13	0.16	0.10	0.14	0.10	0.09	0.18	0.15	0.15	0.08
20th	0.19	0.19	0.18	0.16	0.19	0.21	0.24	0.15	0.22	0.14	0.14	0.19	0.20	0.20	0.10
30th	0.25	0.27	0.27	0.22	0.24	0.26	0.35	0.18	0.28	0.17	0.18	0.26	0.32	0.25	0.11
40th	0.32	0.34	0.37	0.29	0.32	0.29	0.44	0.26	0.35	0.23	0.22	0.31	0.38	0.28	0.16
50th	0.41	0.42	0.48	0.32	0.40	0.36	0.58	0.31	0.42	0.33	0.25	0.44	0.47	0.46	0.19
60th	0.50	0.51	0.59	0.40	0.48	0.43	0.65	0.37	0.51	0.42	0.36	0.52	0.56	0.50	0.22
70th	0.65	0.66	0.79	0.50	0.59	0.52	0.81	0.53	0.67	0.49	0.49	0.66	0.70	0.55	0.41
80th	0.89	0.86	1.10	0.71	0.78	0.66	1.10	0.71	0.85	0.63	0.57	0.96	1.00	0.64	1.00
85th	1.10	1.00	1.20	0.83	0.92	0.75	1.40	0.80	1.10	0.66	0.93	1.07	1.10	0.95	1.10
90th	1.30	1.20	1.40	1.00	1.10	1.00	1.70	1.00	1.40	0.75	1.10	1.25	1.40	1.00	1.20
95th	1.70	1.60	1.60	1.30	1.70	1.30	2.03	1.50	1.50	0.85	1.40	1.57	1.60	1.10	1.70
98th	2.01	1.90	2.00	1.89	2.21	1.80	2.24	2.00	1.70	0.88	1.60	1.73	2.00	1.20	1.70
99th	2.21	2.19	2.11	2.02	2.50	2.07	2.42	2.01	1.80	0.90	1.60	1.79	2.47	1.20	1.70
Maximum	2.84	2.62	2.84	2.83	2.64	2.43	2.53	2.03	2.22	0.93	1.90	1.79	2.47	1.20	1.70

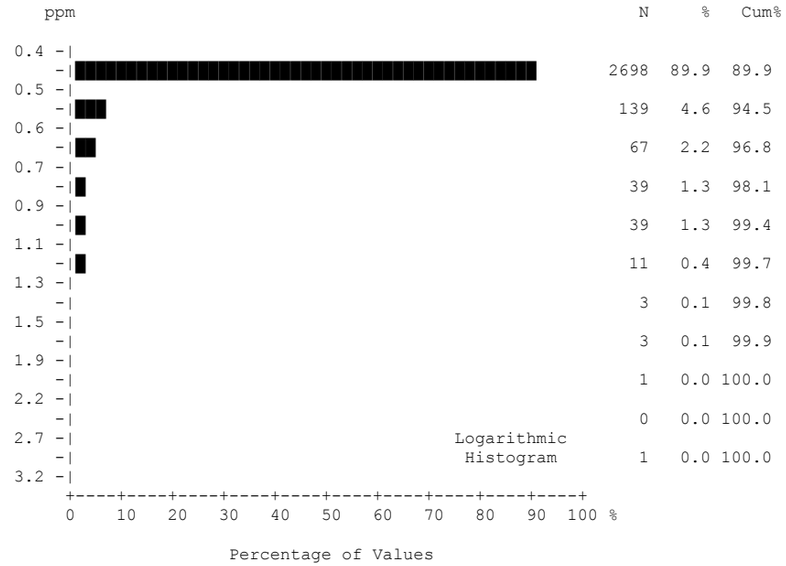
Sodium (Na)

Lake Sediment

number of values	: 3001
units	: %
detection limit	: 0.02
analytical method	: INAA

Sodium by INAA

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	303	36	66	19	36	30	11	11	13	6	6	3	6	0	1
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	0.52	0.51	0.53	0.52	0.54	0.56	0.51	0.53	0.53	0.52	0.52	0.55	0.53	0.50	0.50
Median	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Mode	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Range	2.6	0.7	0.6	0.7	1.2	2.6	0.3	1.1	0.5	0.7	0.4	1.3	0.5	0.0	0.1
St Dev	0.11	0.05	0.08	0.07	0.13	0.23	0.05	0.13	0.09	0.10	0.08	0.21	0.09	0.00	0.02
Coef Var	0.204	0.090	0.151	0.144	0.234	0.420	0.990	0.239	0.169	0.199	0.155	0.386	0.177	0.000	0.042
Log Mean	-0.285	-0.295	-0.281	-0.290	-0.277	-0.271	-0.290	-0.283	-0.281	-0.286	-0.286	-0.278	-0.279	-0.301	-0.297
Geo Mean	0.52	0.51	0.52	0.51	0.53	0.54	0.51	0.52	0.52	0.52	0.52	0.53	0.53	0.50	0.50
Log StDv	0.058	0.031	0.054	0.047	0.072	0.980	0.036	0.068	0.058	0.061	0.053	0.096	0.060	0.000	0.017
Log CVar	-0.203	-0.105	-0.191	-0.164	-0.260	-0.363	-0.126	-0.239	-0.207	-0.213	-0.186	-0.347	-0.217	0.000	-0.057
Percntls															
Minimum	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
10th	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
20th	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
30th	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
40th	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
50th	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
60th	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
70th	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
80th	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
85th	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5
90th	0.6	0.5	0.6	0.5	0.6	0.6	0.5	0.5	0.6	0.5	0.5	0.5	0.6	0.5	0.5
95th	0.7	0.6	0.7	0.6	0.8	0.9	0.6	0.7	0.7	0.6	0.7	0.8	0.6	0.5	0.5
98th	0.8	0.7	0.8	0.8	1.0	1.1	0.7	1.0	0.9	0.8	0.9	0.8	0.7	0.5	0.6
99th	1.0	0.7	0.9	0.9	1.0	1.3	0.8	1.0	0.9	1.0	0.9	1.8	1.0	0.5	0.6
Maximum	3.1	1.2	1.1	1.2	1.7	3.1	0.8	1.6	1.0	1.2	0.9	1.8	1.0	0.5	0.6

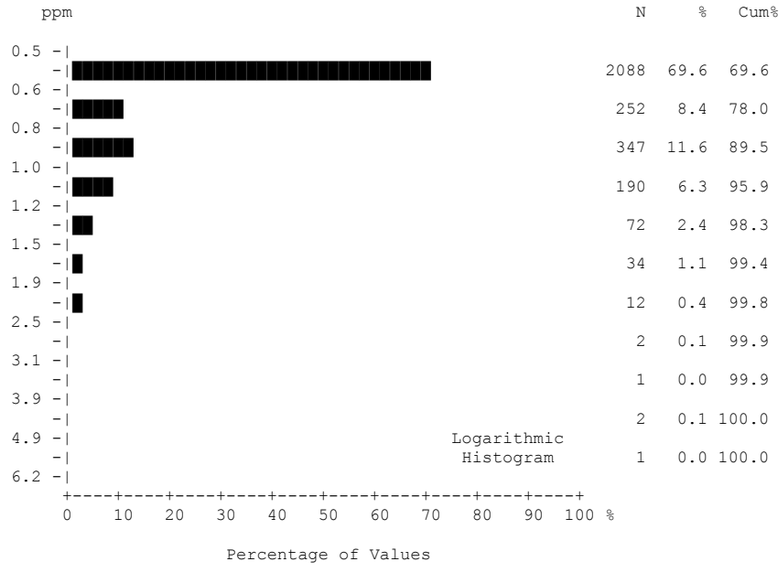
Tantalum (Ta)

Lake Sediment

number of values	: 3001
units	: ppm
detection limit	: 0.5
analytical method	: INAA

Tantalum by INAA

Summary Statistics - Lake Sites



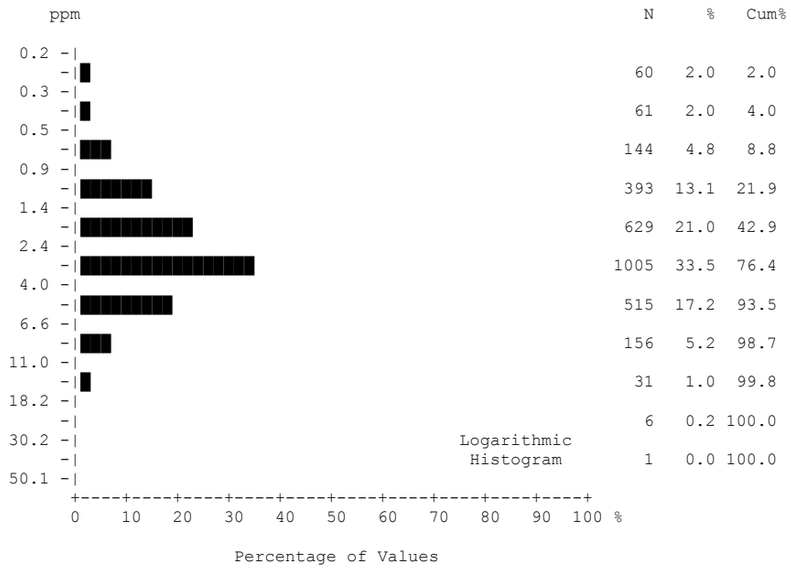
	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	1260	144	162	129	157	152	56	40	61	28	36	22	10	9	3
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	0.65	0.54	0.61	0.68	0.72	0.84	0.61	0.58	0.79	0.58	0.70	0.73	0.59	0.57	0.53
Median	0.50	0.50	0.50	0.50	0.60	0.70	0.50	0.50	0.60	0.50	0.60	0.60	0.50	0.50	0.50
Mode	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Range	4.5	1.0	4.5	1.6	2.1	1.6	1.0	0.9	3.6	0.7	1.4	1.1	1.3	0.3	0.3
St Dev	0.29	0.11	0.32	0.27	0.29	0.41	0.16	0.16	0.46	0.13	0.30	0.30	0.23	0.10	0.08
Coef Var	0.443	0.201	0.517	0.395	0.404	0.486	0.264	0.276	0.580	0.233	0.427	0.408	0.397	0.179	0.146
Log Mean	-0.212	-0.271	-0.234	-0.194	-0.168	-0.120	-0.228	-0.247	-0.144	-0.249	-0.184	-0.166	-0.248	-0.250	-0.282
Geo Mean	0.61	0.54	0.58	0.64	0.68	0.76	0.59	0.57	0.72	0.56	0.65	0.68	0.56	0.56	0.52
Log StDv	0.136	0.068	0.118	0.141	0.146	0.186	0.097	0.095	0.168	0.084	0.149	0.157	0.111	0.072	0.054
Log CVar	-0.644	-0.253	-0.505	-0.730	-0.871	-1.563	-0.423	-0.385	-1.172	-0.338	-0.816	-0.951	-0.446	-0.287	-0.192
Percntls															
Minimum	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
10th	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
20th	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
30th	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
40th	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5
50th	0.5	0.5	0.5	0.5	0.6	0.7	0.5	0.5	0.6	0.5	0.6	0.6	0.5	0.5	0.5
60th	0.6	0.5	0.5	0.6	0.7	0.8	0.6	0.5	0.8	0.5	0.6	0.8	0.5	0.5	0.5
70th	0.7	0.5	0.6	0.7	0.8	1.0	0.6	0.6	0.9	0.6	0.7	0.8	0.5	0.6	0.5
80th	0.8	0.6	0.7	0.9	0.9	1.1	0.7	0.6	0.9	0.6	0.8	0.9	0.6	0.6	0.5
85th	0.9	0.6	0.7	0.9	1.0	1.3	0.7	0.7	1.0	0.7	0.9	1.1	0.7	0.7	0.5
90th	1.0	0.7	0.8	1.0	1.1	1.5	0.8	0.7	1.1	0.7	1.1	1.2	0.7	0.7	0.6
95th	1.2	0.8	0.9	1.2	1.3	1.8	0.9	0.9	1.3	0.8	1.3	1.3	0.8	0.8	0.7
98th	1.5	0.8	1.2	1.5	1.5	1.9	1.0	1.2	1.7	0.9	1.6	1.4	0.8	0.8	0.8
99th	1.8	0.9	1.4	1.6	1.6	2.0	1.1	1.2	2.0	1.0	1.6	1.6	1.8	0.8	0.8
Maximum	5.0	1.5	5.0	2.1	2.6	2.1	1.5	1.4	4.1	1.2	1.9	1.6	1.8	0.8	0.8

Terbium (Tb)
Lake Sediment

number of values	: 3001
units	: ppm
detection limit	: 0.5
analytical method	: INAA

Terbium by INAA

Summary Statistics - Lake Sites



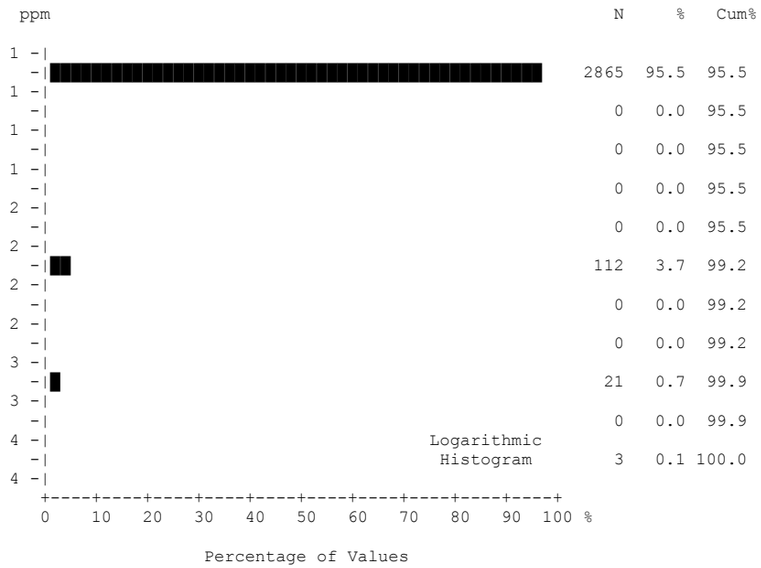
	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	2968	671	441	262	266	242	119	114	93	76	67	41	34	23	22
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	3.08	2.18	2.79	2.54	3.47	5.12	3.05	2.35	3.94	3.23	3.71	3.41	3.53	1.73	1.42
Median	2.70	1.90	2.60	2.20	3.10	4.70	3.00	2.10	3.60	2.70	3.20	3.60	2.80	1.50	1.20
Mode	1.90	1.20	3.30	0.90	3.00	3.40	2.00	1.00	3.00	2.70	2.10	2.50	3.20	1.00	0.60
Range	31.6	8.6	31.6	9.8	15.8	29.8	6.4	9.2	7.9	9.5	11.8	3.8	12.9	3.5	5.4
St Dev	2.38	1.32	2.22	1.71	2.21	3.29	1.38	1.67	2.04	2.13	2.30	1.05	2.91	0.96	1.21
Coef Var	0.771	0.604	0.796	0.672	0.636	0.642	0.453	0.711	0.519	0.660	0.620	0.309	0.823	0.556	0.856
Log Mean	0.380	0.253	0.343	0.305	0.455	0.618	0.430	0.254	0.527	0.426	0.472	0.510	0.466	0.173	0.048
Geo Mean	2.40	1.79	2.20	2.02	2.85	4.15	2.69	1.79	3.36	2.67	2.97	3.24	2.92	1.49	1.12
Log StDv	0.325	0.294	0.327	0.320	0.294	0.304	0.242	0.345	0.265	0.274	0.328	0.145	0.247	0.247	0.291
Log CVar	0.856	1.161	0.955	1.053	0.648	0.492	0.564	1.359	0.505	0.644	0.695	0.285	0.530	1.428	6.195
Percntls															
Minimum	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.4	0.5	0.2	1.6	1.1	0.4	0.4
10th	0.9	0.7	0.7	0.8	1.3	1.4	1.3	0.6	1.5	1.2	1.1	2.0	1.3	0.5	0.5
20th	1.4	1.1	1.2	1.2	1.7	2.3	2.0	0.9	1.9	1.6	1.8	2.4	1.9	1.0	0.6
30th	1.8	1.3	1.8	1.6	2.1	3.2	2.3	1.2	2.9	2.0	2.1	2.6	2.2	1.1	0.7
40th	2.2	1.6	2.2	1.8	2.8	3.7	2.6	1.7	3.2	2.2	2.6	2.8	2.7	1.3	0.8
50th	2.7	1.9	2.6	2.2	3.1	4.7	3.0	2.1	3.6	2.7	3.2	3.6	2.8	1.5	1.2
60th	3.1	2.4	3.1	2.5	3.6	5.4	3.3	2.5	4.0	3.0	4.0	3.8	3.2	1.6	1.3
70th	3.6	2.7	3.5	2.9	4.1	6.4	3.6	3.0	4.5	3.3	4.6	4.0	3.4	1.7	1.4
80th	4.2	3.2	3.9	3.5	4.6	7.4	4.0	3.3	5.6	4.5	5.2	4.4	3.7	2.0	1.7
85th	4.7	3.5	4.2	4.1	5.0	8.2	4.1	3.9	6.9	5.9	5.7	4.5	3.7	3.2	1.9
90th	5.6	3.8	4.5	4.5	5.9	9.0	4.8	4.4	7.3	6.2	6.8	4.6	6.1	3.4	2.6
95th	7.2	4.4	5.1	6.4	7.5	10.0	5.9	5.1	7.6	7.4	8.5	5.0	6.5	3.5	3.3
98th	9.4	5.7	5.5	7.6	9.7	12.0	6.3	6.3	8.3	9.4	9.1	5.3	14.0	3.9	5.8
99th	12.0	6.4	5.8	7.9	12.0	14.0	6.6	9.4	8.3	10.0	9.1	5.4	14.0	3.9	5.8
Maximum	31.8	8.8	31.8	10.0	16.0	30.0	6.8	9.4	8.3	10.0	12.0	5.4	14.0	3.9	5.8

Thorium (Th)
Lake Sediment

number of values : 3001
units : ppm
detection limit : 0.2
analytical method : INAA

Thorium by INAA

Summary Statistics - Lake Sites



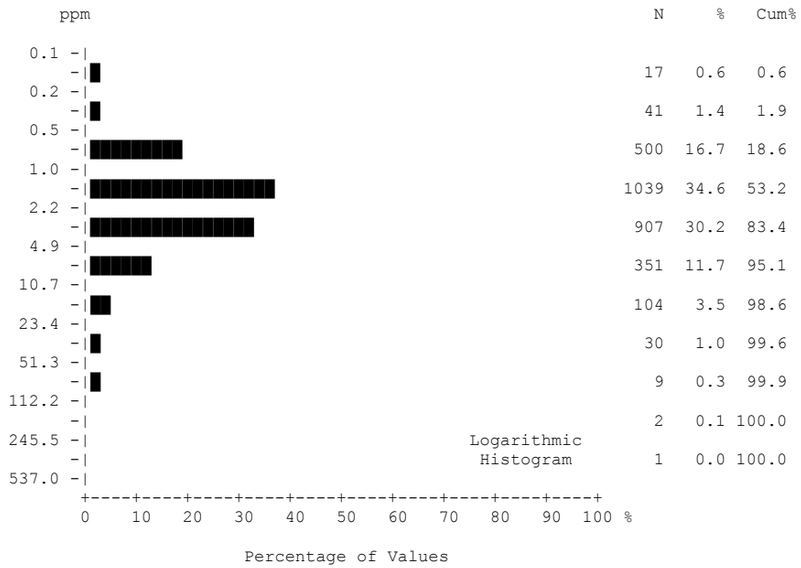
	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	136	41	14	7	15	9	4	1	8	4	1	0	1	0	3
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	1.1	1.1	1.0	1.0	1.1	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.1	1.0	1.2
Median	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Mode	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Range	3	3	3	1	2	2	1	1	2	2	1	0	2	0	2
St Dev	0.27	0.31	0.23	0.16	0.27	0.22	0.18	0.09	0.33	0.41	0.12	0.00	0.34	0.00	0.50
Coef Var	0.253	0.291	0.225	0.155	0.257	0.210	0.175	0.092	0.303	0.372	0.120	0.000	0.324	0.000	0.424
Log Mean	0.015	0.020	0.011	0.008	0.018	0.012	0.010	0.003	0.028	0.023	0.004	0.000	0.014	0.000	0.049
Geo Mean	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.1
Log StDv	0.071	0.083	0.060	0.048	0.076	0.062	0.054	0.028	0.093	0.990	0.037	0.000	0.082	0.000	0.130
Log CVar	4.765	4.149	6.049	6.859	4.226	5.600	5.448	13.915	3.432	4.497	9.126	0.000	5.845	0.000	2.657
Percntls															
Minimum	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10th	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20th	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30th	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40th	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
50th	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
60th	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
70th	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
80th	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
85th	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
90th	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
95th	1	2	1	1	2	1	1	1	2	1	1	1	1	1	2
98th	2	2	2	2	2	2	2	1	2	3	1	1	1	1	3
99th	2	3	2	2	2	2	2	1	2	3	1	1	3	1	3
Maximum	4	4	4	2	3	3	2	2	3	3	2	1	3	1	3

Tungsten (W)
Lake Sediment

number of values	: 3001
units	: ppm
detection limit	: 1
analytical method	: INAA

Tungsten by INAA

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	2984	670	442	269	267	243	119	115	93	76	68	41	34	23	20
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	3.78	1.88	2.96	2.24	3.34	6.05	2.57	2.19	4.44	4.58	5.53	2.10	18.13	1.97	1.48
Median	2.10	1.50	2.20	1.70	2.40	4.70	2.20	1.70	3.30	2.00	3.40	2.00	2.80	1.60	1.00
Mode	0.50	1.50	1.90	0.50	0.50	11.00	1.50	0.90	1.60	0.60	1.40	0.50	1.10	1.20	0.30
Range	501.8	24.9	73.6	28.9	21.8	36.5	6.6	11.8	15.5	108.5	40.3	5.9	501.5	4.5	6.3
St Dev	11.43	1.71	4.47	2.47	3.07	5.51	1.33	2.04	3.35	12.50	6.69	1.28	85.58	1.18	1.69
Coef Var	3.021	0.909	1.510	1.099	0.922	0.910	0.518	0.932	0.753	2.733	1.209	0.611	4.721	0.597	1.141
Log Mean	0.345	0.171	0.339	0.193	0.395	0.637	0.359	0.210	0.536	0.365	0.555	0.234	0.480	0.227	-0.046
Geo Mean	2.22	1.48	2.18	1.56	2.48	4.33	2.28	1.62	3.44	2.32	3.59	1.71	3.02	1.68	0.90
Log StDv	0.391	0.295	0.311	0.367	0.335	0.369	0.210	0.334	0.321	0.415	0.392	0.302	0.504	0.248	0.441
Log CVar	1.134	1.735	0.920	1.910	0.849	0.580	0.587	1.592	0.599	1.139	0.706	1.297	1.052	1.098	-9.805
Percntls															
Minimum	0.2	0.2	0.2	0.4	0.2	0.5	0.6	0.2	0.5	0.5	0.6	0.5	0.5	0.6	0.2
10th	0.7	0.6	0.9	0.5	1.0	1.2	1.3	0.6	1.5	0.7	1.2	0.5	0.9	0.8	0.2
20th	1.1	0.9	1.3	0.5	1.5	2.3	1.5	0.9	1.9	1.1	1.9	0.9	1.5	1.0	0.3
30th	1.5	1.1	1.6	1.0	1.8	2.9	1.7	1.0	2.5	1.3	2.1	1.5	1.7	1.2	0.4
40th	1.8	1.3	1.9	1.3	2.1	4.1	1.8	1.5	2.9	1.6	2.8	1.7	2.6	1.2	0.8
50th	2.1	1.5	2.2	1.7	2.4	4.7	2.2	1.7	3.3	2.0	3.4	2.0	2.8	1.6	1.0
60th	2.5	1.8	2.6	2.1	2.9	5.7	2.6	2.0	3.9	2.3	4.1	2.2	3.3	1.7	1.1
70th	3.2	2.0	2.9	2.5	3.6	6.6	2.9	2.3	4.9	3.6	5.6	2.7	3.7	2.3	1.3
80th	4.3	2.4	3.6	3.3	4.4	8.3	3.5	2.7	6.3	5.7	6.9	3.0	4.0	2.9	1.5
85th	5.2	2.6	4.2	3.9	5.0	10.0	3.6	3.3	6.8	7.2	9.1	3.2	4.5	3.4	3.0
90th	6.6	3.2	4.7	4.3	6.0	11.0	4.6	3.7	10.0	8.1	10.0	3.2	5.4	3.4	3.0
95th	10.0	4.6	6.5	6.0	8.6	15.0	5.5	4.7	12.0	9.5	17.0	4.4	8.1	4.0	5.7
98th	18.0	6.3	10.0	7.9	15.0	26.0	6.0	11.0	13.0	11.0	30.8	5.0	22.4	5.1	6.5
99th	29.6	8.6	12.0	9.1	16.0	29.6	6.6	11.0	14.0	15.0	30.8	6.4	502.0	5.1	6.5
Maximum	502.0	25.1	73.8	29.3	22.0	37.0	7.2	12.0	16.0	109.0	40.9	6.4	502.0	5.1	6.5

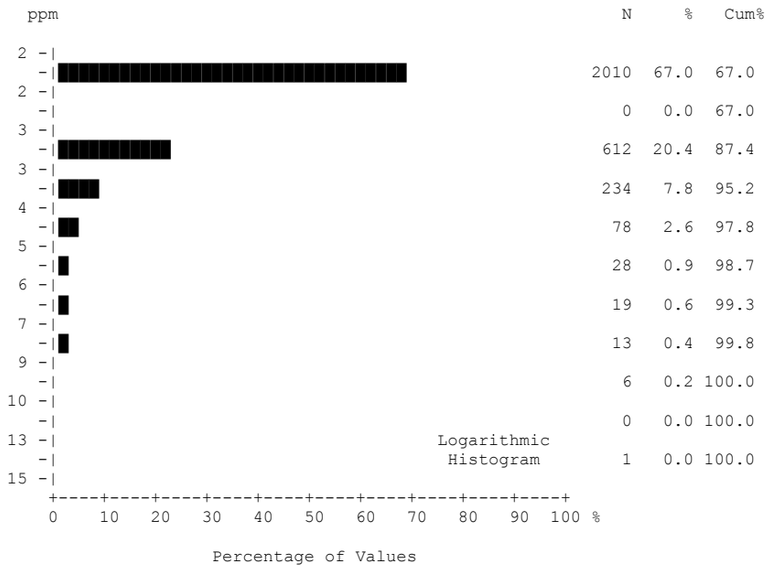
Uranium (U)

Lake Sediment

number of values	: 3001
units	: ppm
detection limit	: 0.2
analytical method	: INAA

Uranium by INAA

Summary Statistics - Lake Sites



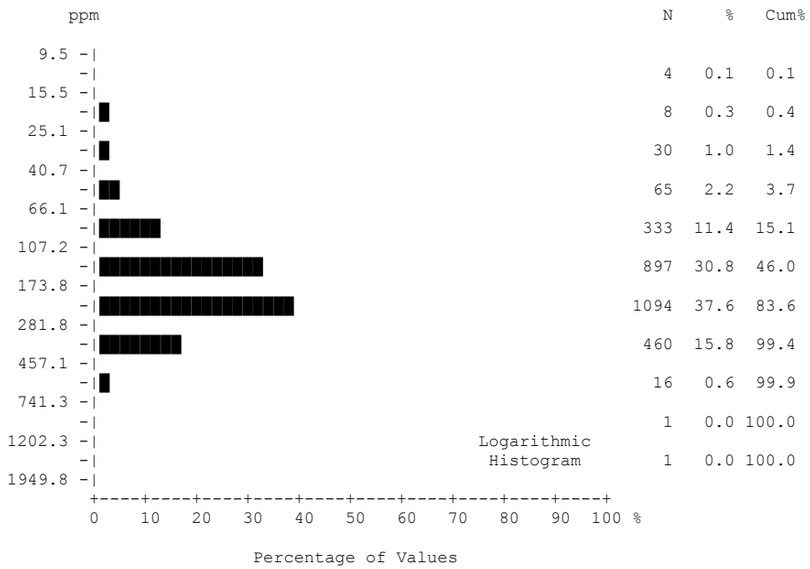
	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3001	678	446	269	268	243	119	117	93	76	68	41	34	23	22
N > DL	991	74	111	103	153	155	33	24	54	10	27	21	7	5	3
Missing	168	10	0	38	45	35	0	0	8	0	0	14	0	0	0
Mean	2.6	2.1	2.4	2.5	3.0	3.6	2.3	2.3	3.0	2.1	2.6	2.7	2.3	2.2	2.2
Median	2.0	2.0	2.0	2.0	3.0	3.0	2.0	2.0	3.0	2.0	2.0	3.0	2.0	2.0	2.0
Mode	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Range	12	3	12	7	6	7	2	3	7	2	4	3	3	1	2
St Dev	1.03	0.40	0.92	0.85	1.23	1.71	0.51	0.60	1.32	0.39	0.99	0.82	0.62	0.42	0.50
Coef Var	0.404	0.188	0.389	0.335	0.405	0.476	0.223	0.262	0.443	0.182	0.374	0.306	0.273	0.190	0.230
Log Mean	0.383	0.323	0.355	0.387	0.454	0.511	0.353	0.345	0.444	0.326	0.399	0.411	0.344	0.339	0.331
Geo Mean	2.4	2.1	2.3	2.4	2.8	3.2	2.3	2.2	2.8	2.1	2.5	2.6	2.2	2.2	2.1
Log StDv	0.132	0.064	0.107	0.120	0.156	0.193	0.086	0.093	0.153	0.066	0.136	0.121	0.092	0.074	0.080
Log CVar	0.346	0.199	0.301	0.311	0.345	0.377	0.245	0.269	0.345	0.202	0.342	0.295	0.270	0.219	0.241
Percntls															
Minimum	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10th	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20th	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30th	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
40th	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2
50th	2	2	2	2	3	3	2	2	3	2	2	3	2	2	2
60th	2	2	2	2	3	4	2	2	3	2	2	3	2	2	2
70th	3	2	2	3	3	4	2	2	3	2	3	3	2	2	2
80th	3	2	3	3	4	5	3	3	3	2	3	3	2	2	2
85th	3	2	3	3	4	5	3	3	4	2	4	3	3	3	2
90th	4	3	3	4	5	6	3	3	4	3	4	4	3	3	3
95th	4	3	4	4	5	7	3	4	5	3	5	4	3	3	3
98th	6	3	4	5	7	8	4	4	7	3	6	5	3	3	4
99th	7	4	5	5	7	9	4	4	8	3	6	5	5	3	4
Maximum	14	5	14	9	8	9	4	5	9	4	6	5	5	3	4

Ytterbium (Yb)
Lake Sediment

number of values	: 3001
units	: ppm
detection limit	: 2
analytical method	: INAA

Ytterbium by INAA

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	lmJHz	ETEn	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	2909	688	446	287	259	119	119	114	94	76	68	45	34	23	22
N > DL	2905	688	446	287	258	119	119	113	94	76	67	45	34	23	22
Missing	260	0	0	20	54	159	0	3	7	0	0	10	0	0	0
Mean	194.6	197.1	219.7	209.2	179.3	168.1	188.6	129.0	210.2	176.4	117.6	247.9	181.8	150.9	147.7
Median	180.0	180.0	210.0	200.0	170.0	160.0	180.0	120.0	190.0	170.0	90.0	240.0	170.0	140.0	120.0
Mode	180.0	150.0	210.0	180.0	210.0	120.0	230.0	70.0	160.0	100.0	90.0	300.0	140.0	140.0	100.0
Range	1240	480	440	570	1240	390	310	360	425	340	300	415	270	190	180
St Dev	90.96	80.55	87.30	101.44	103.11	75.53	68.84	75.90	100.73	65.62	65.45	79.23	66.99	56.88	60.23
Coef Var	0.467	0.409	0.397	0.485	0.575	0.449	0.365	0.588	0.479	0.372	0.556	0.320	0.369	0.377	0.408
Log Mean	2.239	2.258	2.303	2.260	2.193	2.181	2.245	2.024	2.273	2.219	1.997	2.366	2.231	2.151	2.138
Geo Mean	173.3	181.0	201.1	181.8	155.9	151.6	175.6	105.6	187.6	165.7	99.2	232.0	170.4	141.4	137.5
Log StDv	0.222	0.184	0.192	0.249	0.245	0.204	0.170	0.301	0.212	0.154	0.273	0.180	0.159	0.159	0.164
Log CVar	0.990	0.082	0.083	0.110	0.112	0.094	0.076	0.149	0.093	0.069	0.137	0.076	0.071	0.074	0.077
Percntls															
Minimum	10	20	40	20	10	40	70	10	55	90	10	35	90	80	90
10th	90	110	110	85	80	80	100	40	90	100	40	160	100	80	90
20th	120	120	140	110	100	100	120	60	130	120	60	180	110	100	100
30th	140	150	170	150	130	120	150	80	150	130	80	210	140	110	100
40th	160	160	190	180	150	130	170	100	170	140	90	220	160	120	110
50th	180	180	210	200	170	160	180	120	190	170	90	240	170	140	120
60th	210	200	240	230	190	180	200	140	220	180	130	270	180	140	120
70th	230	240	260	260	210	200	230	160	250	200	150	290	210	170	180
80th	270	270	300	290	240	220	240	180	280	230	180	300	230	190	210
85th	290	300	320	310	260	250	260	190	310	230	190	310	260	220	210
90th	310	310	340	330	280	260	290	230	360	250	200	340	270	240	250
95th	350	340	360	390	310	300	310	270	410	290	210	380	270	270	260
98th	400	380	410	440	370	330	320	330	460	320	290	410	320	270	270
99th	440	410	450	450	380	400	350	330	480	330	290	450	360	270	270
Maximum	1250	500	480	590	1250	430	380	370	480	430	310	450	360	270	270

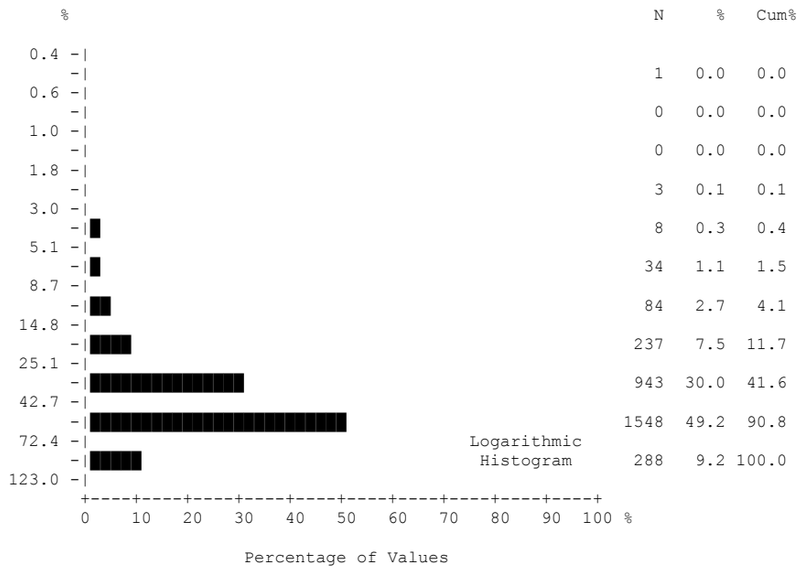
Fluorine (F)

Lake Sediment

number of values	: 2264
units	: ppm
detection limit	: 10
analytical method	: ION

Fluorine by ION

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	lmJHz	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3146	688	446	313	295	272	119	117	101	76	68	55	34	23	22
N > DL	3146	688	446	313	295	272	119	117	101	76	68	55	34	23	22
Missing	23	0	0	0	12	6	0	0	0	0	0	0	0	0	0
Mean	46.74	49.60	47.71	43.98	48.48	43.50	40.49	50.54	43.95	50.09	46.76	40.08	42.14	54.43	51.06
Median	46.30	49.30	48.80	42.90	50.20	42.80	36.70	46.70	43.30	50.20	45.20	43.60	39.10	53.10	49.10
Mode	43.90	53.30	63.90	39.40	50.40	45.00	28.40	33.00	46.70	37.00	31.80	13.50	26.70	33.40	10.60
Range	99.4	94.6	87.8	83.2	84.0	87.8	82.6	81.8	79.7	56.8	66.0	63.1	70.3	47.8	66.8
St Dev	17.95	17.26	20.18	17.90	17.30	15.92	18.96	19.05	16.69	14.20	13.90	15.19	15.05	14.25	18.78
Coef Var	0.384	0.348	0.423	0.407	0.357	0.366	0.468	0.377	0.380	0.284	0.297	0.379	0.357	0.262	0.368
Log Mean	1.627	1.660	1.626	1.598	1.646	1.601	1.552	1.668	1.604	1.681	1.645	1.539	1.589	1.721	1.669
Geo Mean	42.40	45.74	42.31	39.65	44.27	39.86	35.64	46.61	40.17	48.02	44.11	34.62	38.78	52.65	46.71
Log StDv	0.214	0.195	0.237	0.217	0.212	0.206	0.236	0.185	0.204	0.130	0.166	0.322	0.204	0.115	0.209
Log CVar	0.132	0.117	0.146	0.136	0.129	0.128	0.152	0.111	0.127	0.077	0.101	0.209	0.128	0.067	0.125
Percntls															
Minimum	0.5	5.3	2.2	4.4	3.0	2.4	7.2	12.3	4.8	22.2	7.0	0.5	5.6	33.4	10.6
10th	23.5	28.4	20.8	21.4	25.8	24.0	15.5	30.1	23.1	31.1	31.8	13.5	26.4	35.9	18.4
20th	31.3	35.8	27.6	28.6	33.3	29.3	25.5	34.0	28.4	37.0	35.6	23.2	28.8	40.5	35.4
30th	37.1	40.8	35.4	33.3	40.0	34.1	29.0	39.0	36.3	41.3	40.5	36.7	32.6	43.9	41.7
40th	41.8	45.2	42.3	37.9	45.5	38.8	32.7	41.7	38.9	43.8	43.0	41.1	38.2	44.7	42.3
50th	46.3	49.3	48.8	42.9	50.2	42.8	36.7	46.7	43.3	50.2	45.2	43.6	39.1	53.1	49.1
60th	50.8	53.9	54.1	47.4	53.2	46.1	42.2	51.4	46.7	53.9	51.3	45.6	47.1	57.8	51.3
70th	56.2	58.8	59.7	52.0	57.7	51.7	50.9	62.6	50.7	56.4	54.1	46.1	50.7	63.5	59.0
80th	62.1	63.9	65.0	58.3	62.3	57.7	57.8	71.7	57.1	61.3	59.4	52.0	54.4	65.3	74.7
85th	66.1	68.5	67.7	63.3	66.1	59.7	61.9	73.2	61.4	66.5	62.8	54.0	56.9	71.6	74.8
90th	71.5	73.2	73.9	70.9	71.5	64.6	63.3	76.2	67.2	71.6	65.9	59.6	61.0	74.7	75.9
95th	77.4	79.1	82.3	76.1	77.0	71.4	72.9	80.8	72.9	75.3	66.9	60.6	62.5	76.8	76.4
98th	82.6	82.6	87.1	81.6	81.0	76.9	87.6	85.9	79.6	77.0	70.6	62.9	69.9	81.2	77.4
99th	86.4	85.2	88.7	83.4	83.8	78.5	88.1	88.8	80.3	78.9	70.6	62.9	75.9	81.2	77.4
Maximum	99.9	99.9	90.0	87.6	87.0	90.2	89.8	94.1	84.5	79.0	73.0	63.6	75.9	81.2	77.4

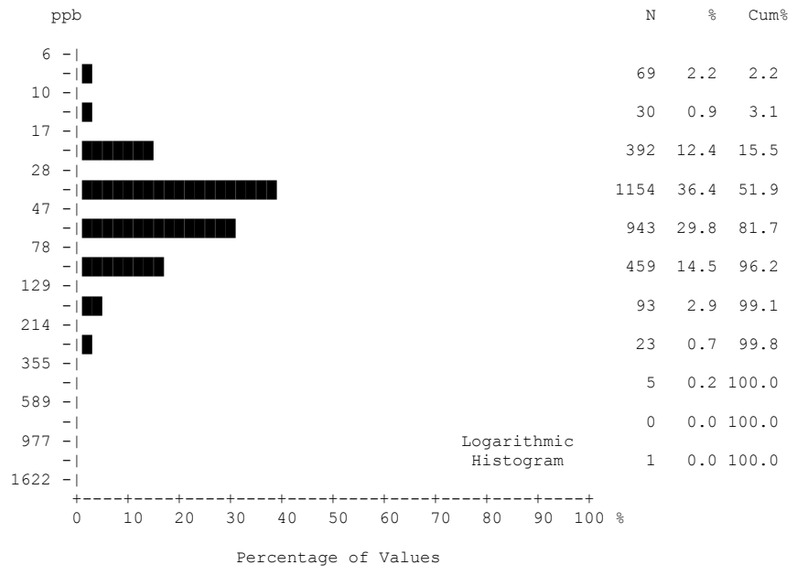
Loss on Ignition (LOI)

Lake Sediment

number of values	: 2264
units	: %
detection limit	: 0.1
analytical method	: GRAV

Loss on Ignition by GRAV

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	lmJHz	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3169	688	446	313	307	278	119	117	101	76	68	55	34	23	22
N > DL	3100	688	439	311	297	273	119	102	95	75	61	55	34	23	22
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	55.9	44.5	54.2	74.3	47.3	75.6	57.5	48.5	91.6	43.6	39.3	47.4	32.1	39.6	43.5
Median	46.0	42.0	49.0	62.0	38.0	80.0	44.0	47.0	64.0	41.0	25.0	42.0	27.0	31.0	40.0
Mode	40.0	40.0	50.0	80.0	36.0	80.0	36.0	10.0	10.0	41.0	23.0	36.0	20.0	18.0	39.0
Range	1590	474	190	307	310	350	412	145	1590	269	170	158	72	83	90
St Dev	46.55	24.51	30.16	45.12	30.20	39.23	46.42	28.73	160.60	28.88	33.93	23.57	14.34	21.37	17.87
Coef Var	0.833	0.551	0.556	0.607	0.638	0.519	0.808	0.592	1.753	0.663	0.862	0.497	0.447	0.540	0.411
Log Mean	1.673	1.622	1.673	1.807	1.608	1.822	1.685	1.601	1.796	1.605	1.491	1.642	1.474	1.544	1.618
Geo Mean	47.1	41.9	47.1	64.1	40.6	66.3	48.4	39.9	62.5	40.2	31.0	43.9	29.8	35.0	41.5
Log StDv	0.244	0.136	0.234	0.234	0.238	0.235	0.235	0.294	0.346	0.151	0.284	0.158	0.161	0.217	0.118
Log CVar	0.146	0.084	0.140	0.130	0.148	0.129	0.139	0.184	0.193	0.094	0.191	0.096	0.109	0.140	0.073
Percntls															
Minimum	10	11	10	10	10	10	18	10	10	10	10	22	18	17	30
10th	25	29	26	35	22	32	25	10	22	29	10	28	20	18	31
20th	31	33	30	41	26	40	31	25	36	32	21	34	20	21	34
30th	36	36	36	50	30	54	36	32	44	36	23	36	24	26	38
40th	40	40	42	55	35	70	40	40	54	38	24	38	26	28	39
50th	46	42	49	62	38	80	44	47	64	41	25	42	27	31	40
60th	51	45	53	70	44	80	48	50	74	42	32	44	30	38	41
70th	60	48	60	80	52	90	60	55	91	44	37	46	34	40	43
80th	72	52	70	100	64	100	73	64	110	48	48	52	40	60	45
85th	84	55	84	110	71	106	80	70	130	50	57	66	44	61	46
90th	100	60	95	120	87	110	100	80	140	52	66	70	48	63	47
95th	120	65	111	159	99	127	130	110	170	56	112	82	52	73	50
98th	157	74	131	220	120	160	140	126	240	59	160	88	54	100	120
99th	200	88	150	280	130	175	180	130	320	65	160	88	90	100	120
Maximum	1600	485	200	317	320	360	430	155	1600	279	180	180	90	100	120

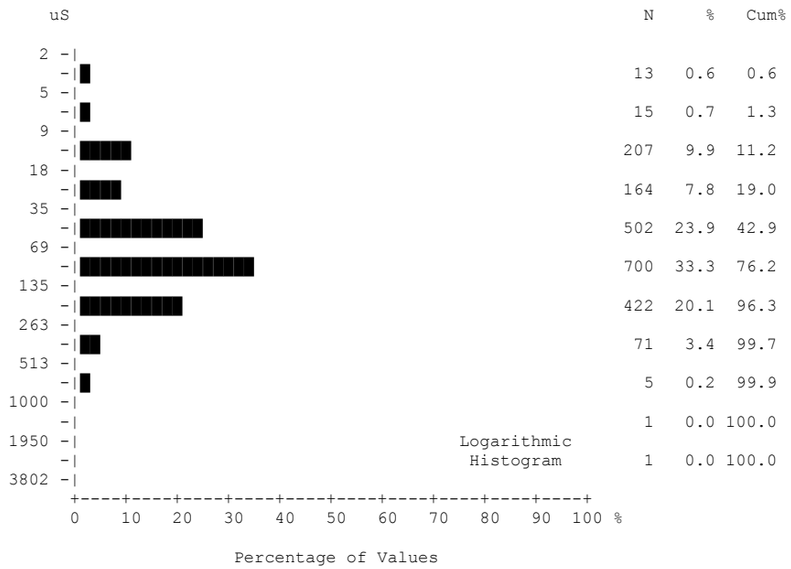
Fluoride (FW)

Lake Water

number of values	: 3169
units	: ppb
detection limit	: 10
analytical method	: ION

Fluoride by ION

Summary Statistics - Lake Sites



	All	TrJTk	MTrCc	ETEn	lmJHz	ETOo	LTQCh	MJqd	uKKs	KTpg	TrJdr	EKgd	PJKu	lJCl
N	2101	436	326	207	123	111	100	97	84	76	58	34	23	22
N > DL	2101	436	326	207	123	111	100	97	84	76	58	34	23	22
Missing	1068	252	120	106	184	167	17	22	17	0	10	0	0	0
Mean	99.2	86.1	110.2	97.2	134.4	101.9	93.3	74.2	111.6	42.9	85.8	29.2	112.6	57.2
Median	80.0	80.0	87.0	70.0	105.0	83.0	77.0	50.0	90.0	33.0	79.0	10.0	100.0	47.0
Mode	10.0	80.0	10.0	10.0	10.0	10.0	38.0	10.0	140.0	21.0	60.0	10.0	30.0	4.0
Range	2587	297	790	400	371	590	234	300	690	132	217	130	240	124
St Dev	98.69	53.74	97.10	79.52	91.81	80.63	58.97	66.61	91.57	34.26	44.69	29.73	71.17	37.79
Coef Var	0.995	0.624	0.881	0.818	0.683	0.792	0.632	0.897	0.821	0.800	0.521	1.019	0.632	0.660
Log Mean	1.838	1.824	1.877	1.832	1.987	1.888	1.868	1.700	1.951	1.464	1.867	1.292	1.946	1.634
Geo Mean	68.8	66.7	75.4	67.9	97.1	77.2	73.8	50.1	89.4	29.1	73.7	19.6	88.3	43.0
Log StDv	0.407	0.362	0.419	0.401	0.408	0.355	0.321	0.409	0.293	0.418	0.274	0.374	0.345	0.382
Log CVar	0.221	0.199	0.223	0.219	0.205	0.188	0.172	0.240	0.150	0.286	0.147	0.290	0.177	0.234
Percntls														
Minimum	3	3	10	10	10	10	6	10	10	3	10	10	10	4
10th	14	25	10	10	35	32	27	10	40	9	53	10	30	11
20th	38	40	40	40	55	44	38	30	54	13	60	10	50	20
30th	50	53	50	50	73	65	45	30	66	17	62	10	60	32
40th	63	67	63	60	88	75	55	40	80	21	67	10	80	37
50th	80	80	87	70	105	83	77	50	90	33	79	10	100	47
60th	95	90	114	90	143	98	103	70	112	41	86	10	120	63
70th	119	105	126	110	178	117	130	80	130	62	93	40	140	67
80th	150	126	170	155	227	140	147	110	145	75	105	47	160	105
85th	168	140	200	177	255	153	160	140	152	84	110	52	220	108
90th	200	157	234	207	268	176	176	160	164	86	118	60	230	113
95th	250	189	270	267	288	217	195	210	220	100	198	81	240	120
98th	310	220	310	322	336	310	211	250	380	114	220	86	250	128
99th	361	250	400	361	359	412	237	300	380	132	220	140	250	128
Maximum	2590	300	800	410	381	600	240	310	700	135	227	140	250	128

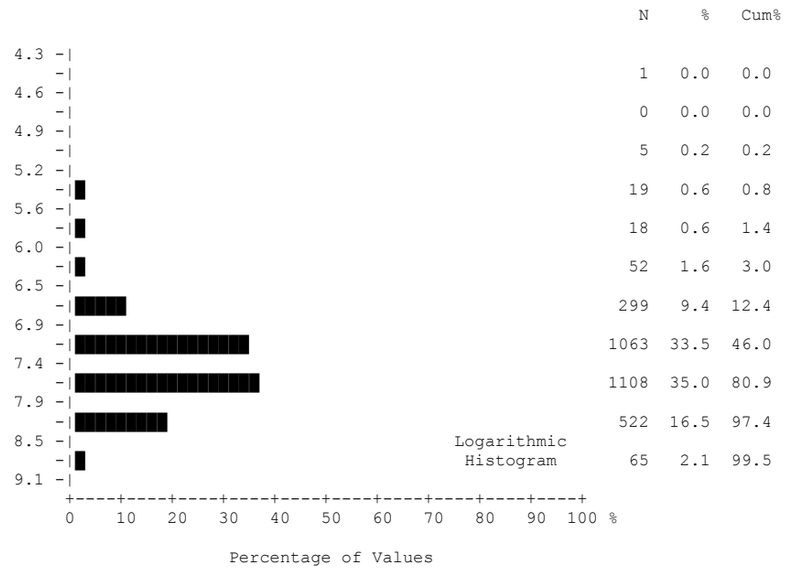
Conductivity (CND)

Lake Water

number of values	: 2101
units	: uS
detection limit	: 1
analytical method	: ISE

Conductivity by ISE

Summary Statistics - Lake Sites



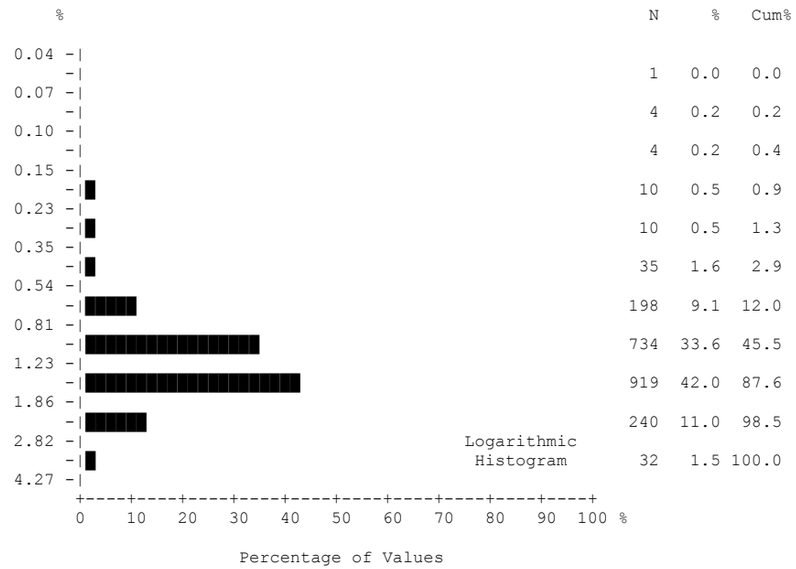
	All	TrJTk	MTrCc	ETEn	lmJHz	ETOo	MJqd	LTQCh	uKKs	KTpg	TrJdr	lKSk	EKgd	PJKu	lJCl
N	3169	688	446	313	307	278	119	117	101	76	68	55	34	23	22
N > DL	3169	688	446	313	307	278	119	117	101	76	68	55	34	23	22
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	7.51	7.63	7.84	7.30	7.29	7.34	7.69	7.49	7.39	7.21	7.37	7.02	7.56	7.83	7.58
Median	7.50	7.60	7.90	7.30	7.30	7.50	7.60	7.50	7.30	7.30	7.40	7.20	7.60	7.80	7.60
Mode	7.30	7.40	7.60	7.20	7.30	7.60	7.70	7.70	7.20	7.30	7.50	7.30	7.60	7.30	7.30
Range	5.3	3.9	4.0	3.9	3.6	4.6	2.5	3.3	2.4	2.7	2.0	2.3	1.4	1.7	2.5
St Dev	0.57	0.49	0.52	0.54	0.50	0.65	0.43	0.54	0.44	0.49	0.38	0.57	0.32	0.45	0.54
Coef Var	0.075	0.064	0.066	0.074	0.069	0.088	0.056	0.072	0.060	0.068	0.052	0.081	0.042	0.058	0.071
Log Mean	0.874	0.882	0.893	0.862	0.862	0.864	0.885	0.874	0.868	0.857	0.867	0.845	0.878	0.893	0.878
Geo Mean	7.48	7.62	7.82	7.28	7.28	7.31	7.68	7.47	7.37	7.19	7.36	6.99	7.56	7.81	7.56
Log StDv	0.033	0.028	0.029	0.033	0.030	0.041	0.024	0.031	0.026	0.029	0.023	0.037	0.018	0.025	0.031
Log CVar	0.038	0.031	0.033	0.039	0.035	0.048	0.027	0.035	0.030	0.034	0.026	0.044	0.021	0.028	0.036
Percntls															
Minimum	4.5	5.6	5.6	5.1	5.5	5.1	6.7	6.2	6.2	6.0	6.2	5.7	6.7	7.2	6.2
10th	6.9	7.1	7.2	6.7	6.6	6.6	7.3	6.8	6.8	6.5	6.8	5.9	7.1	7.3	7.0
20th	7.1	7.2	7.5	7.0	6.9	7.1	7.4	7.1	7.0	6.7	7.1	6.7	7.3	7.3	7.1
30th	7.3	7.4	7.6	7.1	7.1	7.2	7.5	7.2	7.1	6.9	7.2	6.9	7.4	7.4	7.3
40th	7.4	7.5	7.7	7.2	7.2	7.3	7.6	7.3	7.2	7.2	7.3	7.1	7.5	7.7	7.4
50th	7.5	7.6	7.9	7.3	7.3	7.5	7.6	7.5	7.3	7.3	7.4	7.2	7.6	7.8	7.6
60th	7.6	7.7	8.0	7.4	7.4	7.6	7.7	7.6	7.4	7.4	7.5	7.3	7.6	7.9	7.7
70th	7.8	7.9	8.1	7.5	7.5	7.6	7.8	7.7	7.6	7.5	7.5	7.3	7.7	8.0	7.8
80th	7.9	8.0	8.3	7.6	7.7	7.8	7.8	7.8	7.7	7.6	7.6	7.4	7.8	8.0	8.0
85th	8.0	8.1	8.3	7.7	7.8	7.8	8.0	7.9	7.8	7.6	7.7	7.5	7.9	8.1	8.1
90th	8.2	8.2	8.4	7.9	7.9	7.9	8.2	8.1	8.0	7.7	7.7	7.6	8.0	8.5	8.2
95th	8.4	8.4	8.5	8.2	8.1	8.0	8.7	8.5	8.2	7.9	8.1	7.7	8.0	8.7	8.3
98th	8.7	8.8	8.8	8.5	8.4	8.3	8.9	9.1	8.4	8.1	8.1	7.8	8.0	8.9	8.7
99th	8.9	8.9	9.0	8.6	8.5	8.5	9.1	9.1	8.5	8.2	8.1	7.8	8.1	8.9	8.7
Maximum	9.8	9.5	9.6	9.0	9.1	9.7	9.2	9.5	8.6	8.7	8.2	8.0	8.1	8.9	8.7

pH
Lake Water

number of values	: 3169
units	:
detection limit	: 0.1
analytical method	: ISE

pH by ISE

Summary Statistics - Stream Sites



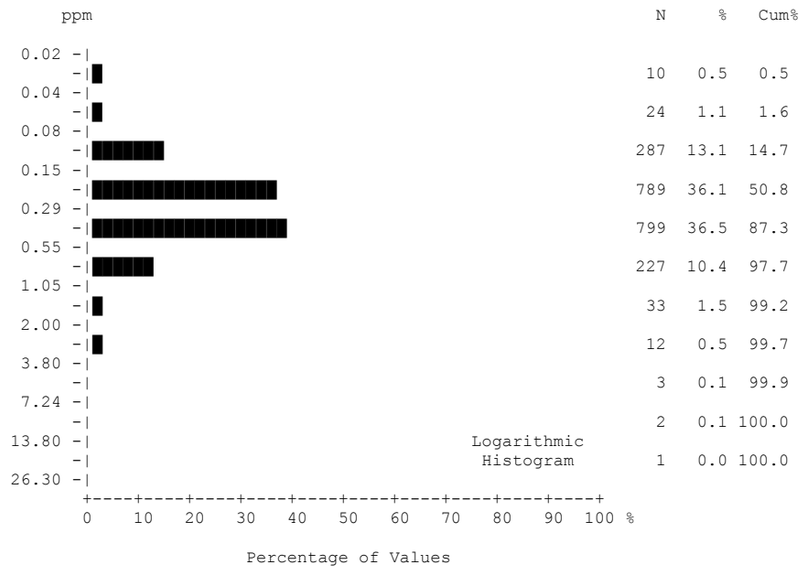
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	1.34	1.34	1.29	1.48	1.20	1.49	1.30	1.36	1.27	1.16	1.39	1.29	1.41	1.06	1.99
Median	1.28	1.31	1.22	1.38	1.05	1.40	1.28	1.33	1.17	1.02	1.33	1.29	1.44	1.02	1.87
Mode	1.31	1.32	0.82	1.38	0.88	1.37	1.14	1.08	0.86	0.96	1.05	1.29	1.18	1.19	0.99
Range	3.89	3.89	2.86	2.97	3.16	2.24	2.54	2.02	1.98	3.02	1.56	2.30	2.50	1.71	2.06
St Dev	0.51	0.52	0.51	0.54	0.53	0.41	0.44	0.32	0.42	0.59	0.32	0.46	0.65	0.45	0.63
Coef Var	0.380	0.386	0.397	0.363	0.439	0.273	0.334	0.232	0.333	0.509	0.228	0.353	0.462	0.422	0.315
Log Mean	0.092	0.086	0.072	0.144	0.047	0.158	0.093	0.123	0.082	0.011	0.134	0.074	0.069	-0.019	0.278
Geo Mean	1.24	1.22	1.18	1.39	1.11	1.44	1.24	1.33	1.21	1.03	1.36	1.19	1.17	0.96	1.90
Log StDv	0.185	0.214	0.193	0.151	0.163	0.110	0.138	0.107	0.136	0.231	0.093	0.208	0.324	0.208	0.145
Log CVar	2.033	2.493	2.719	1.049	3.537	0.698	1.502	0.878	1.665	20.976	0.693	2.810	4.691	-11.536	0.521
Percntls															
Minimum	0.06	0.06	0.16	0.56	0.48	0.78	0.54	0.44	0.62	0.15	0.90	0.12	0.08	0.28	0.99
10th	0.78	0.74	0.71	0.86	0.71	1.07	0.83	1.07	0.84	0.58	1.05	0.76	0.34	0.41	0.99
20th	0.93	0.93	0.88	1.03	0.80	1.18	0.94	1.09	0.94	0.70	1.14	0.87	0.85	0.60	1.31
30th	1.06	1.06	1.02	1.17	0.90	1.28	1.06	1.13	1.01	0.85	1.21	1.04	1.11	0.81	1.60
40th	1.17	1.21	1.12	1.28	0.99	1.35	1.11	1.28	1.10	0.90	1.27	1.12	1.27	0.91	1.84
50th	1.28	1.31	1.22	1.38	1.05	1.40	1.28	1.33	1.17	1.02	1.33	1.29	1.44	1.02	1.87
60th	1.38	1.41	1.33	1.51	1.15	1.46	1.33	1.38	1.25	1.16	1.36	1.39	1.55	1.15	1.94
70th	1.52	1.57	1.50	1.65	1.34	1.58	1.45	1.47	1.38	1.31	1.51	1.55	1.80	1.19	2.07
80th	1.69	1.74	1.64	1.85	1.52	1.73	1.58	1.61	1.52	1.50	1.63	1.64	1.91	1.42	2.66
85th	1.80	1.81	1.77	2.00	1.61	1.79	1.67	1.67	1.66	1.71	1.69	1.73	2.10	1.47	2.66
90th	1.98	1.98	1.94	2.25	1.73	1.96	1.84	1.70	1.98	2.08	1.79	1.86	2.24	1.62	2.77
95th	2.26	2.20	2.22	2.47	2.06	2.34	2.13	2.00	2.10	2.43	2.01	1.89	2.41	1.92	2.77
98th	2.65	2.54	2.59	2.90	3.05	2.63	2.28	2.07	2.23	2.44	2.17	2.24	2.57	1.94	3.05
99th	2.94	2.77	2.87	3.15	3.48	2.97	2.52	2.07	2.23	3.17	2.46	2.42	2.58	1.99	3.05
Maximum	3.95	3.95	3.02	3.53	3.64	3.02	3.08	2.46	2.60	3.17	2.46	2.42	2.58	1.99	3.05

Aluminum (Al)
Stream Sediment

number of values : 2187
units : %
detection limit : 0.01
analytical method : ICPMS

Aluminum by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	0.37	0.44	0.46	0.34	0.27	0.32	0.26	0.49	0.35	0.31	0.25	0.31	0.25	0.35	0.26
Median	0.28	0.34	0.30	0.30	0.23	0.28	0.24	0.36	0.26	0.28	0.23	0.28	0.22	0.20	0.24
Mode	0.16	0.36	0.28	0.36	0.14	0.15	0.13	0.46	0.10	0.26	0.19	0.17	0.16	0.16	0.24
Range	18.55	7.70	18.51	1.97	0.65	1.57	0.52	2.46	2.04	0.64	0.43	0.65	0.63	1.00	0.50
St Dev	0.58	0.45	1.15	0.24	0.14	0.20	0.11	0.43	0.36	0.15	0.11	0.15	0.15	0.33	0.12
Coef Var	1.569	1.043	2.472	0.697	0.513	0.632	0.431	0.887	1.030	0.474	0.439	0.501	0.581	0.936	0.454
Log Mean	-0.544	-0.456	-0.492	-0.550	-0.624	-0.566	-0.625	-0.417	-0.561	-0.549	-0.654	-0.567	-0.672	-0.661	-0.613
Geo Mean	0.29	0.35	0.32	0.28	0.24	0.27	0.24	0.38	0.27	0.28	0.22	0.27	0.21	0.22	0.24
Log StDv	0.276	0.272	0.281	0.257	0.223	0.245	0.191	0.282	0.267	0.209	0.209	0.227	0.278	0.452	0.179
Log CVar	-0.508	-0.597	-0.570	-0.468	-0.358	-0.433	-0.306	-0.679	-0.476	-0.380	-0.319	-0.400	-0.414	-0.684	-0.292
Percntls															
Minimum	0.03	0.03	0.07	0.04	0.05	0.05	0.09	0.10	0.10	0.09	0.06	0.07	0.04	0.03	0.10
10th	0.14	0.17	0.16	0.13	0.12	0.13	0.13	0.18	0.13	0.15	0.12	0.14	0.08	0.05	0.10
20th	0.17	0.22	0.21	0.16	0.15	0.16	0.16	0.22	0.17	0.19	0.15	0.17	0.15	0.06	0.19
30th	0.21	0.26	0.25	0.20	0.18	0.21	0.18	0.24	0.19	0.22	0.18	0.21	0.16	0.13	0.23
40th	0.24	0.29	0.27	0.25	0.21	0.24	0.21	0.29	0.23	0.26	0.19	0.25	0.20	0.16	0.24
50th	0.28	0.34	0.30	0.30	0.23	0.28	0.24	0.36	0.26	0.28	0.23	0.28	0.22	0.20	0.24
60th	0.32	0.40	0.33	0.33	0.26	0.31	0.28	0.44	0.30	0.31	0.26	0.32	0.27	0.30	0.24
70th	0.38	0.47	0.38	0.39	0.31	0.37	0.30	0.46	0.32	0.37	0.29	0.38	0.29	0.35	0.25
80th	0.45	0.58	0.46	0.45	0.38	0.42	0.33	0.57	0.37	0.43	0.34	0.41	0.32	0.82	0.30
85th	0.51	0.63	0.52	0.51	0.43	0.46	0.38	0.75	0.41	0.45	0.38	0.44	0.38	0.83	0.30
90th	0.60	0.73	0.58	0.59	0.47	0.52	0.40	0.92	0.51	0.47	0.41	0.51	0.49	0.92	0.32
95th	0.79	0.98	0.95	0.71	0.58	0.63	0.46	1.46	0.89	0.64	0.43	0.66	0.56	0.94	0.32
98th	1.21	1.30	2.01	0.91	0.59	0.74	0.51	2.16	1.99	0.68	0.43	0.66	0.58	0.99	0.60
99th	1.69	1.53	2.96	1.12	0.63	0.92	0.54	2.16	1.99	0.73	0.49	0.72	0.67	1.03	0.60
Maximum	18.58	7.73	18.58	2.01	0.70	1.62	0.61	2.56	2.14	0.73	0.49	0.72	0.67	1.03	0.60

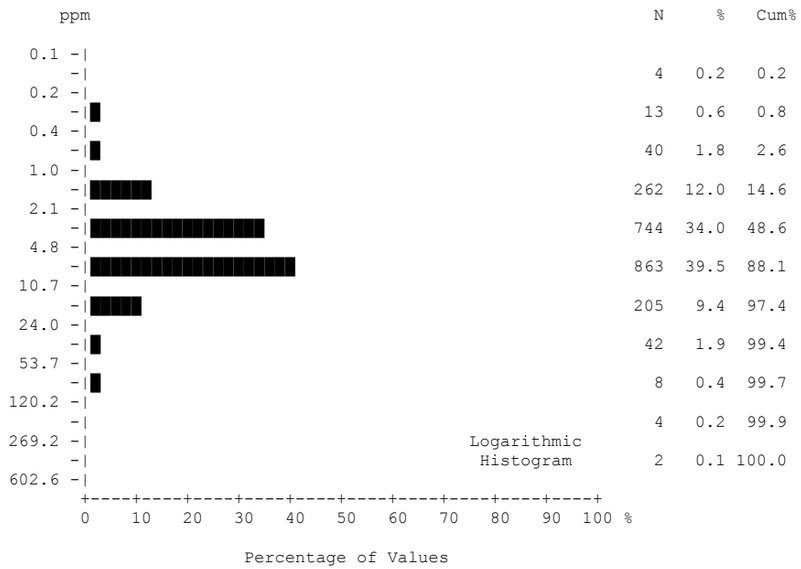
Antimony (Sb)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.02
analytical method : ICPMS

Antimony by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2183	454	297	274	115	112	85	70	61	49	47	45	43	31	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	6.98	5.82	7.93	6.41	5.72	9.03	4.36	12.18	6.42	3.92	8.49	4.65	6.10	20.34	9.51
Median	4.90	4.60	5.00	5.30	4.70	7.70	4.00	6.60	4.80	3.10	7.80	4.20	3.00	3.00	7.00
Mode	2.30	2.30	5.20	4.00	5.90	6.90	3.00	6.60	4.30	3.10	2.40	1.50	2.50	0.70	1.70
Range	308.2	50.8	279.8	47.9	30.0	26.8	11.1	133.8	31.4	12.3	23.1	18.5	85.1	308.2	27.5
St Dev	12.53	5.34	19.12	5.78	4.71	5.35	2.28	19.04	5.90	2.76	4.72	3.32	13.09	57.59	7.05
Coef Var	1.794	0.918	2.410	0.902	0.823	0.592	0.524	1.563	0.920	0.705	0.556	0.714	2.145	2.831	0.741
Log Mean	0.675	0.628	0.691	0.708	0.645	0.891	0.578	0.888	0.709	0.514	0.860	0.562	0.495	0.600	0.886
Geo Mean	4.73	4.25	4.91	5.10	4.42	7.78	3.79	7.73	5.12	3.26	7.24	3.65	3.13	3.98	7.69
Log StDv	0.358	0.364	0.364	0.283	0.324	0.237	0.240	0.359	0.263	0.255	0.262	0.328	0.438	0.720	0.302
Log CVar	0.530	0.580	0.527	0.400	0.502	0.265	0.416	0.404	0.372	0.498	0.305	0.584	0.885	1.200	0.341
Percntls															
Minimum	0.1	0.1	0.1	0.8	0.2	2.1	1.0	1.4	1.9	1.0	1.7	0.3	0.4	0.1	1.7
10th	1.7	1.5	1.7	2.3	1.8	3.5	1.6	3.1	2.5	1.5	2.5	1.5	0.9	0.7	1.7
20th	2.6	2.2	2.6	3.1	2.6	5.2	2.3	4.0	3.1	2.1	3.9	1.7	1.7	1.4	4.4
30th	3.3	3.0	3.4	3.7	3.4	6.1	3.0	4.8	3.5	2.4	5.9	2.3	2.1	1.8	6.2
40th	4.1	3.9	4.2	4.4	4.0	6.9	3.6	5.6	4.3	2.9	7.3	3.3	2.5	2.3	6.6
50th	4.9	4.6	5.0	5.3	4.7	7.7	4.0	6.6	4.8	3.1	7.8	4.2	3.0	3.0	7.0
60th	5.8	5.6	6.0	6.1	5.3	8.6	4.5	7.6	5.4	3.1	8.2	4.8	3.5	3.7	8.4
70th	7.0	6.8	6.8	7.3	5.9	9.6	5.2	10.1	6.5	3.8	10.2	5.4	4.0	5.1	9.7
80th	8.4	8.0	8.2	8.1	6.8	12.1	6.1	12.7	7.5	4.8	11.3	6.1	5.6	12.6	12.8
85th	9.6	9.1	10.3	9.1	8.7	13.7	6.6	16.8	8.0	5.9	11.7	8.0	8.2	17.9	12.8
90th	11.7	10.4	12.1	10.2	10.2	16.4	7.4	22.7	10.0	6.9	12.9	8.3	10.1	48.1	13.1
95th	17.2	14.3	16.7	13.8	16.9	17.6	8.5	39.8	19.5	10.0	17.3	8.7	16.5	48.2	13.1
98th	27.4	18.6	25.5	22.1	20.2	27.5	8.7	78.5	29.7	13.2	20.6	10.8	20.4	122.8	29.2
99th	46.0	24.6	71.7	27.4	21.2	28.3	12.0	78.5	29.7	13.3	24.8	18.8	85.5	308.3	29.2
Maximum	308.3	50.9	279.9	48.7	30.2	28.9	12.1	135.2	33.3	13.3	24.8	18.8	85.5	308.3	29.2

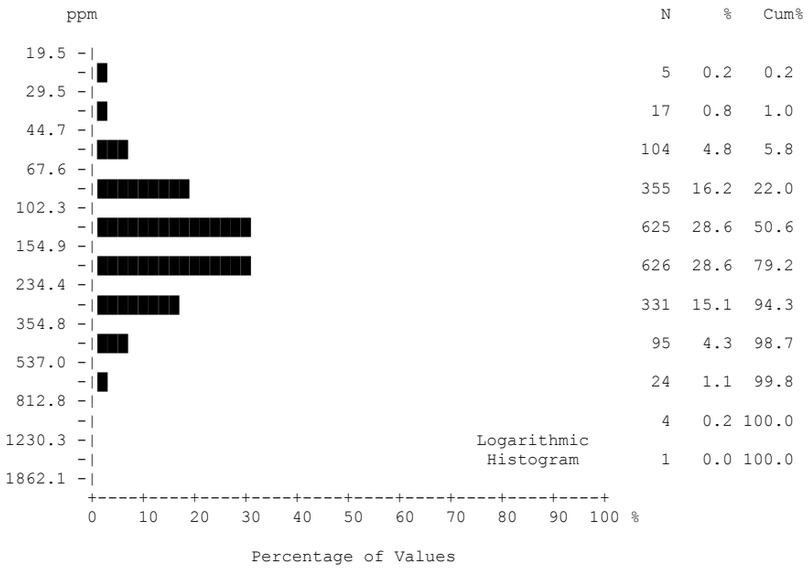
Arsenic (As)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.1
analytical method : ICPMS

Arsenic by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	177.90	176.69	184.82	223.12	145.99	211.49	174.00	134.07	190.09	210.84	219.99	108.81	188.93	114.43	262.13
Median	153.20	146.40	161.50	186.30	120.50	188.10	154.60	116.00	173.60	170.10	197.30	99.60	151.30	85.60	196.90
Mode	127.60	74.50	94.50	111.30	67.50	134.70	51.90	120.60	251.20	75.80	81.50	51.60	107.00	23.70	72.50
Range	1424.0	696.5	811.0	1375.3	395.2	674.7	441.6	790.8	427.3	719.2	725.7	181.3	675.1	292.4	592.3
St Dev	109.31	111.38	97.43	141.18	76.51	121.37	80.17	103.45	78.29	135.48	107.71	42.10	152.21	78.66	155.03
Coef Var	0.614	0.630	0.527	0.633	0.524	0.574	0.461	0.772	0.412	0.643	0.490	0.387	0.806	0.687	0.591
Log Mean	2.186	2.174	2.217	2.296	2.112	2.275	2.200	2.063	2.245	2.262	2.310	2.007	2.187	1.958	2.355
Geo Mean	153.57	149.45	164.93	197.85	129.41	188.48	158.49	115.67	175.97	182.74	204.27	101.73	153.87	90.86	226.56
Log StDv	0.233	0.249	0.205	0.199	0.210	0.198	0.187	0.215	0.172	0.221	0.157	0.159	0.262	0.307	0.248
Log CVar	0.107	0.115	0.092	0.087	0.100	0.087	0.085	0.104	0.077	0.980	0.068	0.079	0.120	0.157	0.105
Percntls															
Minimum	23.1	27.9	33.8	71.8	42.8	72.8	51.9	49.4	70.1	75.8	81.5	51.6	47.1	23.7	72.5
10th	77.5	72.9	92.3	114.3	71.0	111.8	92.3	64.2	101.2	93.7	142.1	66.6	77.5	32.3	72.5
20th	97.4	89.5	111.8	136.8	82.8	130.8	105.5	73.5	120.3	122.0	152.0	72.4	104.1	45.6	114.5
30th	117.3	107.2	124.1	151.7	98.4	146.8	122.7	88.5	141.5	140.4	170.3	78.3	110.8	67.5	190.4
40th	134.6	126.6	144.9	170.6	110.3	159.9	141.7	97.2	163.8	156.0	178.1	86.3	135.0	75.0	193.2
50th	153.2	146.4	161.5	186.3	120.5	188.1	154.6	116.0	173.6	170.1	197.3	99.6	151.3	85.6	196.9
60th	174.8	166.8	185.8	212.8	137.1	202.6	171.3	123.8	194.9	187.9	210.7	115.2	156.1	105.5	243.0
70th	201.3	198.1	210.3	239.9	169.9	228.4	200.5	133.2	216.0	202.5	226.8	128.3	167.4	123.5	250.4
80th	238.7	246.5	242.0	283.6	210.0	253.9	224.3	160.1	251.2	243.4	259.7	135.3	181.3	181.3	321.6
85th	262.4	279.3	260.4	312.7	239.0	264.4	237.9	198.0	259.7	278.8	271.4	138.0	256.6	202.5	321.6
90th	296.7	313.0	293.6	350.0	264.5	316.0	275.9	216.5	276.5	417.2	295.0	183.8	359.6	236.5	397.0
95th	369.2	396.9	371.0	418.1	285.6	467.4	333.4	237.2	337.6	472.9	369.6	193.9	596.6	241.0	397.0
98th	474.5	512.6	465.6	600.4	322.3	635.8	387.7	326.2	369.9	516.8	374.0	199.5	689.0	289.9	664.8
99th	610.2	548.3	491.0	721.1	361.8	705.9	406.7	326.2	369.9	795.0	807.2	232.9	722.2	316.1	664.8
Maximum	1447.1	724.4	844.8	1447.1	438.0	747.5	493.5	840.2	497.4	795.0	807.2	232.9	722.2	316.1	664.8

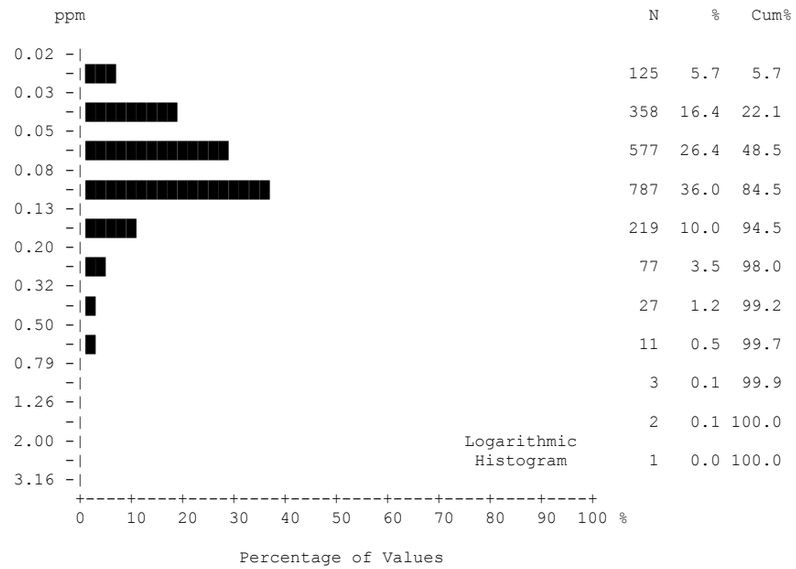
Barium (Ba)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.5
analytical method : ICPMS

Barium by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2148	439	294	273	114	111	85	70	60	46	47	44	39	31	11
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	0.10	0.09	0.11	0.08	0.09	0.08	0.09	0.07	0.09	0.08	0.09	0.09	0.14	0.20	0.10
Median	0.08	0.07	0.08	0.07	0.07	0.08	0.07	0.07	0.08	0.07	0.08	0.06	0.10	0.09	0.10
Mode	0.06	0.08	0.06	0.06	0.05	0.08	0.06	0.05	0.07	0.04	0.07	0.04	0.02	0.07	0.10
Range	2.11	1.21	1.83	0.34	0.31	0.28	0.48	0.37	0.28	0.14	0.15	0.71	0.37	2.11	0.13
St Dev	0.10	0.09	0.15	0.04	0.05	0.04	0.07	0.05	0.04	0.04	0.03	0.12	0.10	0.38	0.04
Coef Var	1.070	1.054	1.430	0.515	0.590	0.449	0.745	0.630	0.507	0.516	0.351	1.357	0.765	1.886	0.384
Log Mean	-1.104	-1.148	-1.072	-1.116	-1.119	-1.114	-1.113	-1.173	-1.102	-1.179	-1.085	-1.198	-1.013	-0.979	-1.050
Geo Mean	0.08	0.07	0.08	0.08	0.08	0.08	0.08	0.07	0.08	0.07	0.08	0.06	0.10	0.11	0.09
Log StDv	0.245	0.260	0.249	0.179	0.219	0.163	0.230	0.183	0.199	0.247	0.146	0.291	0.385	0.431	0.253
Log CVar	-0.222	-0.226	-0.232	-0.160	-0.196	-0.146	-0.206	-0.156	-0.180	-0.210	-0.134	-0.243	-0.380	-0.440	-0.241
Percntls															
Minimum	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.02	0.03	0.02	0.02	0.02	0.02
10th	0.04	0.04	0.04	0.05	0.04	0.05	0.04	0.04	0.04	0.03	0.06	0.04	0.02	0.03	0.02
20th	0.05	0.04	0.06	0.06	0.05	0.06	0.05	0.05	0.06	0.04	0.06	0.04	0.04	0.04	0.04
30th	0.06	0.06	0.06	0.06	0.05	0.07	0.06	0.05	0.06	0.05	0.07	0.04	0.05	0.07	0.09
40th	0.07	0.06	0.07	0.07	0.06	0.07	0.06	0.06	0.07	0.06	0.07	0.05	0.07	0.07	0.10
50th	0.08	0.07	0.08	0.07	0.07	0.08	0.07	0.07	0.08	0.07	0.08	0.06	0.10	0.09	0.10
60th	0.08	0.08	0.09	0.08	0.09	0.08	0.08	0.07	0.09	0.08	0.09	0.06	0.15	0.09	0.10
70th	0.10	0.09	0.11	0.09	0.10	0.09	0.10	0.08	0.10	0.09	0.10	0.07	0.17	0.12	0.11
80th	0.11	0.10	0.12	0.10	0.11	0.10	0.12	0.09	0.11	0.11	0.10	0.09	0.20	0.21	0.13
85th	0.13	0.12	0.14	0.11	0.12	0.10	0.13	0.09	0.11	0.13	0.11	0.09	0.23	0.28	0.13
90th	0.15	0.14	0.16	0.13	0.14	0.11	0.15	0.10	0.14	0.14	0.12	0.12	0.30	0.41	0.14
95th	0.20	0.18	0.19	0.16	0.19	0.13	0.18	0.12	0.15	0.15	0.16	0.23	0.35	0.45	0.14
98th	0.31	0.36	0.27	0.21	0.26	0.20	0.19	0.17	0.22	0.15	0.17	0.44	0.38	0.57	0.15
99th	0.44	0.44	0.47	0.24	0.29	0.26	0.37	0.17	0.22	0.16	0.18	0.73	0.39	2.13	0.15
Maximum	2.13	1.23	1.85	0.36	0.33	0.30	0.51	0.40	0.30	0.16	0.18	0.73	0.39	2.13	0.15

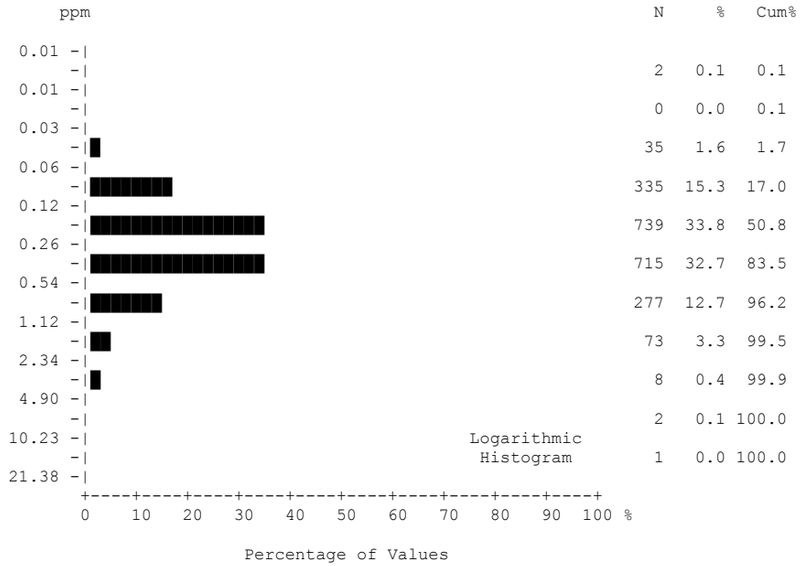
Bismuth (Bi)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.02
analytical method : ICPMS

Bismuth by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2185	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	0.37	0.52	0.43	0.24	0.23	0.32	0.28	0.55	0.22	0.37	0.34	0.22	0.52	0.62	0.44
Median	0.25	0.36	0.29	0.18	0.14	0.27	0.20	0.34	0.15	0.25	0.31	0.20	0.43	0.21	0.32
Mode	0.14	0.20	0.13	0.13	0.12	0.20	0.21	0.20	0.12	0.18	0.33	0.08	0.12	0.18	0.27
Range	14.56	14.52	3.97	1.69	2.28	1.23	1.54	3.19	1.71	1.74	1.44	0.51	1.88	8.13	0.87
St Dev	0.51	0.80	0.46	0.22	0.30	0.19	0.25	0.56	0.23	0.32	0.25	0.13	0.38	1.42	0.27
Coef Var	1.382	1.557	1.077	0.897	1.279	0.603	0.895	1.025	1.055	0.859	0.735	0.569	0.727	2.278	0.608
Log Mean	-0.588	-0.430	-0.521	-0.725	-0.801	-0.558	-0.682	-0.399	-0.759	-0.548	-0.543	-0.723	-0.388	-0.542	-0.436
Geo Mean	0.26	0.37	0.30	0.19	0.16	0.28	0.21	0.40	0.17	0.28	0.29	0.19	0.41	0.29	0.37
Log StDv	0.344	0.318	0.348	0.304	0.348	0.238	0.323	0.318	0.272	0.320	0.254	0.248	0.317	0.469	0.290
Log CVar	-0.584	-0.742	-0.669	-0.419	-0.435	-0.426	-0.474	-0.797	-0.358	-0.584	-0.468	-0.343	-0.817	-0.868	-0.666
Percntls															
Minimum	0.01	0.05	0.03	0.03	0.03	0.05	0.03	0.10	0.05	0.08	0.08	0.06	0.07	0.05	0.08
10th	0.10	0.16	0.12	0.08	0.06	0.14	0.09	0.17	0.09	0.10	0.13	0.08	0.12	0.08	0.08
20th	0.13	0.20	0.16	0.11	0.09	0.17	0.11	0.22	0.10	0.15	0.18	0.11	0.26	0.11	0.27
30th	0.17	0.25	0.20	0.13	0.11	0.21	0.15	0.26	0.12	0.18	0.21	0.15	0.31	0.15	0.27
40th	0.20	0.30	0.24	0.15	0.12	0.24	0.17	0.31	0.14	0.22	0.24	0.16	0.38	0.18	0.28
50th	0.25	0.36	0.29	0.18	0.14	0.27	0.20	0.34	0.15	0.25	0.31	0.20	0.43	0.21	0.32
60th	0.31	0.43	0.36	0.21	0.16	0.30	0.22	0.38	0.18	0.34	0.34	0.22	0.48	0.29	0.37
70th	0.37	0.51	0.43	0.24	0.21	0.36	0.27	0.51	0.22	0.37	0.36	0.25	0.55	0.47	0.37
80th	0.48	0.68	0.54	0.32	0.30	0.43	0.37	0.67	0.29	0.56	0.45	0.33	0.68	0.71	0.72
85th	0.56	0.78	0.64	0.40	0.34	0.47	0.42	0.84	0.32	0.67	0.46	0.34	0.85	0.72	0.72
90th	0.71	0.92	0.84	0.48	0.43	0.55	0.60	1.15	0.39	0.71	0.52	0.39	0.93	1.11	0.86
95th	0.97	1.29	1.20	0.59	0.65	0.63	0.83	1.66	0.45	1.05	0.58	0.48	1.08	1.21	0.86
98th	1.55	1.95	2.00	0.85	1.08	0.93	0.84	2.22	0.67	1.08	1.16	0.54	1.57	1.26	0.95
99th	2.02	2.28	2.04	1.18	1.49	1.08	0.97	2.22	0.67	1.82	1.52	0.57	1.95	8.18	0.95
Maximum	14.57	14.57	4.00	1.72	2.31	1.28	1.57	3.29	1.76	1.82	1.52	0.57	1.95	8.18	0.95

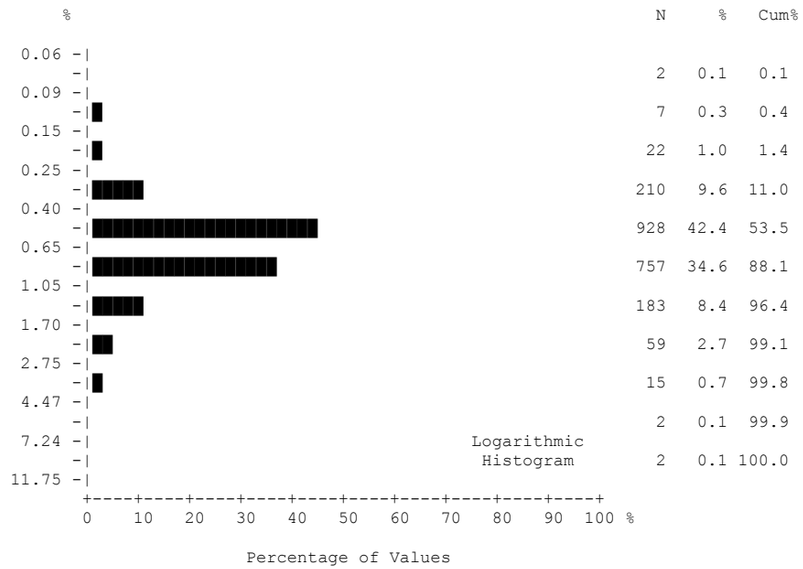
Cadmium (Cd)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.01
analytical method : ICPMS

Cadmium by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	0.73	0.85	0.76	0.64	0.63	0.64	0.66	0.83	0.69	0.92	0.53	0.83	0.68	0.49	0.82
Median	0.63	0.74	0.60	0.60	0.55	0.58	0.59	0.64	0.60	0.71	0.50	0.74	0.54	0.38	0.65
Mode	0.58	0.62	0.42	0.63	0.55	0.55	0.75	0.50	0.52	0.43	0.35	0.63	0.23	0.50	0.57
Range	8.35	3.47	8.28	1.44	1.88	1.70	1.81	2.54	3.05	3.25	1.49	2.08	2.42	2.38	1.01
St Dev	0.48	0.47	0.78	0.22	0.30	0.25	0.28	0.47	0.42	0.69	0.23	0.38	0.50	0.45	0.31
Coef Var	0.660	0.547	1.030	0.345	0.486	0.393	0.427	0.566	0.601	0.746	0.436	0.462	0.743	0.925	0.376
Log Mean	-0.193	-0.115	-0.203	-0.217	-0.243	-0.224	-0.211	-0.135	-0.203	-0.119	-0.303	-0.114	-0.261	-0.447	-0.111
Geo Mean	0.64	0.77	0.63	0.61	0.57	0.60	0.61	0.73	0.63	0.76	0.50	0.77	0.55	0.36	0.77
Log StDv	0.203	0.188	0.237	0.134	0.183	0.156	0.162	0.210	0.179	0.251	0.157	0.164	0.282	0.348	0.139
Log CVar	-1.052	-1.653	-1.166	-0.618	-0.752	-0.699	-0.768	-1.554	-0.887	-2.124	-0.517	-1.437	-1.082	-0.777	-1.256
Percntls															
Minimum	0.07	0.25	0.14	0.26	0.18	0.22	0.29	0.24	0.20	0.36	0.19	0.34	0.17	0.07	0.57
10th	0.39	0.47	0.35	0.43	0.35	0.38	0.40	0.42	0.42	0.40	0.35	0.55	0.23	0.10	0.57
20th	0.45	0.55	0.42	0.47	0.41	0.44	0.43	0.50	0.48	0.43	0.38	0.59	0.28	0.17	0.57
30th	0.51	0.62	0.46	0.51	0.45	0.53	0.49	0.56	0.52	0.52	0.40	0.65	0.40	0.25	0.63
40th	0.57	0.68	0.51	0.56	0.50	0.55	0.54	0.60	0.55	0.61	0.44	0.68	0.43	0.31	0.64
50th	0.63	0.74	0.60	0.60	0.55	0.58	0.59	0.64	0.60	0.71	0.50	0.74	0.54	0.38	0.65
60th	0.69	0.81	0.67	0.64	0.59	0.62	0.66	0.74	0.64	0.73	0.53	0.77	0.65	0.43	0.74
70th	0.76	0.87	0.76	0.69	0.68	0.69	0.75	0.89	0.70	0.85	0.56	0.85	0.72	0.50	0.78
80th	0.87	1.03	0.86	0.75	0.75	0.78	0.82	1.10	0.82	1.12	0.64	0.93	0.86	0.76	1.02
85th	0.95	1.11	0.95	0.80	0.91	0.80	0.87	1.33	0.88	1.40	0.69	0.98	1.14	0.77	1.02
90th	1.11	1.35	1.13	0.89	1.05	0.93	1.01	1.40	0.95	1.66	0.72	1.27	1.18	0.90	1.20
95th	1.50	1.76	1.69	1.09	1.12	1.16	1.13	1.70	1.10	2.42	0.92	1.64	1.66	1.04	1.20
98th	2.06	2.42	2.57	1.22	1.61	1.26	1.28	2.42	1.84	2.87	0.94	1.84	2.07	1.05	1.58
99th	2.55	2.87	3.31	1.54	1.65	1.27	1.31	2.42	1.84	3.61	1.68	2.42	2.59	2.45	1.58
Maximum	8.42	3.72	8.42	1.70	2.06	1.92	2.10	2.78	3.25	3.61	1.68	2.42	2.59	2.45	1.58

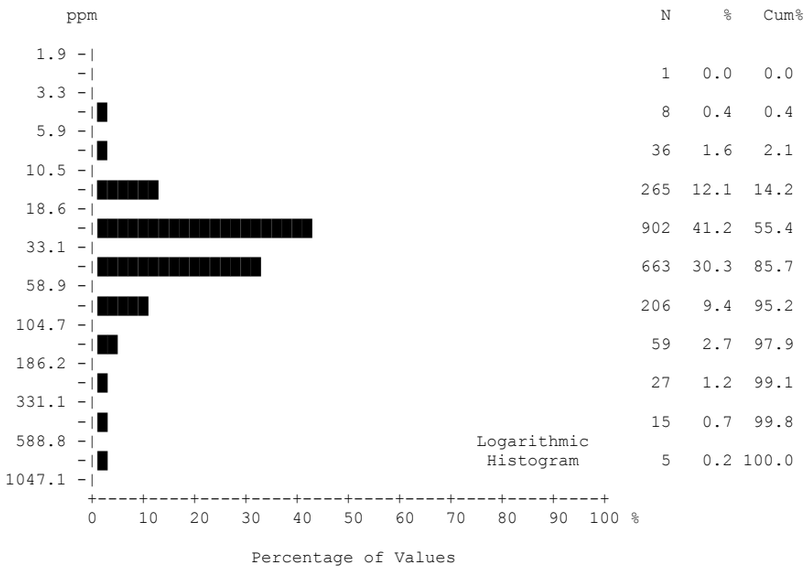
Calcium (Ca)

Stream Sediment

number of values : 2187
units : %
detection limit : 0.01
analytical method : ICPMS

Calcium by ICPMS

Summary Statistics - Stream Sites



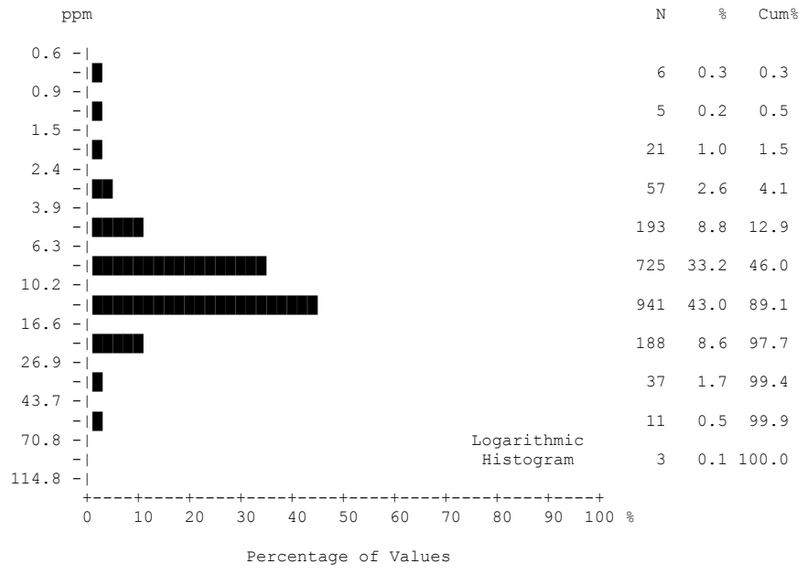
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	44.35	44.18	59.27	31.22	28.41	24.63	41.66	84.30	27.93	35.46	22.06	31.32	38.73	30.31	25.43
Median	31.00	39.20	38.90	28.80	25.70	22.20	26.50	39.60	25.10	32.50	20.20	30.60	36.20	28.30	21.10
Mode	29.40	32.50	28.20	29.40	17.50	14.00	23.50	34.30	19.70	21.30	22.90	28.70	3.90	29.40	21.10
Range	1024.2	370.7	496.8	117.1	104.4	57.3	148.9	1012.1	78.3	62.2	32.8	54.5	106.2	91.3	50.0
St Dev	58.92	28.11	60.84	14.38	15.41	9.62	34.69	136.26	11.72	14.43	6.87	10.97	22.47	22.58	13.49
Coef Var	1.328	0.636	1.027	0.461	0.542	0.391	0.833	1.616	0.420	0.407	0.311	0.350	0.580	0.745	0.530
Log Mean	1.523	1.580	1.645	1.461	1.402	1.366	1.515	1.723	1.419	1.515	1.326	1.459	1.493	1.352	1.368
Geo Mean	33.33	37.98	44.14	28.91	25.23	23.23	32.75	52.89	26.24	32.75	21.16	28.76	31.14	22.50	23.32
Log StDv	0.284	0.243	0.306	0.164	0.209	0.143	0.282	0.358	0.147	0.177	0.123	0.210	0.328	0.368	0.171
Log CVar	0.187	0.154	0.186	0.112	0.149	0.104	0.186	0.208	0.104	0.117	0.093	0.144	0.220	0.272	0.125
Percntls															
Minimum	3.1	4.0	5.9	10.5	8.5	12.1	12.2	15.2	14.0	9.7	12.7	3.1	3.9	3.4	14.0
10th	16.7	20.6	22.6	18.4	13.2	15.7	16.4	23.7	17.2	20.5	14.9	18.3	8.4	4.6	14.0
20th	21.0	25.7	26.3	22.0	16.5	17.9	19.2	28.5	19.7	21.5	16.6	21.0	18.6	9.3	17.5
30th	24.4	30.3	29.6	24.1	19.4	19.3	22.4	31.4	22.2	27.5	17.5	26.6	26.4	15.7	19.9
40th	27.7	34.5	34.2	26.7	22.1	20.8	24.3	34.3	24.0	29.3	19.3	29.0	31.2	20.7	20.4
50th	31.0	39.2	38.9	28.8	25.7	22.2	26.5	39.6	25.1	32.5	20.2	30.6	36.2	28.3	21.1
60th	35.4	44.2	45.2	30.4	30.3	23.8	32.3	49.3	26.3	34.5	21.8	32.6	43.8	29.7	21.1
70th	41.0	49.5	53.9	34.0	32.8	26.5	40.2	65.7	28.8	41.0	23.5	38.3	47.9	34.4	21.9
80th	49.6	58.1	71.7	37.2	36.9	28.9	59.6	112.4	36.2	43.8	24.6	40.6	52.5	41.2	24.7
85th	58.1	63.2	81.2	39.6	40.4	31.0	70.5	124.4	38.3	46.0	28.6	40.7	64.6	43.9	24.7
90th	71.7	74.1	116.5	42.8	43.8	34.2	88.1	163.3	39.8	58.2	31.6	42.8	70.7	63.0	38.5
95th	103.7	89.7	177.7	51.6	53.6	41.6	137.7	298.3	44.1	68.4	34.3	45.0	73.2	71.8	38.5
98th	203.7	103.8	257.7	82.8	67.4	50.8	151.5	380.0	48.0	71.2	38.1	56.3	74.2	82.2	64.0
99th	318.1	113.8	297.2	89.7	85.5	67.1	155.0	380.0	48.0	71.9	45.5	57.6	110.1	94.7	64.0
Maximum	1027.3	374.7	502.7	127.6	112.9	69.4	161.1	1027.3	92.3	71.9	45.5	57.6	110.1	94.7	64.0

Chromium (Cr)
Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.5
analytical method : ICPMS

Chromium by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	11.49	10.60	12.68	11.83	9.72	11.42	10.82	15.52	10.64	10.21	11.76	9.46	10.10	7.67	13.04
Median	10.60	10.40	11.70	11.00	9.60	11.20	10.40	13.00	10.30	9.20	10.80	9.90	8.80	6.90	11.90
Mode	8.90	10.10	9.80	9.30	9.00	11.60	7.80	11.40	8.30	8.50	9.90	12.30	3.50	1.80	8.00
Range	84.7	63.1	44.8	69.3	18.5	21.5	22.0	63.7	14.3	16.1	26.0	16.1	49.0	33.3	16.8
St Dev	6.48	5.09	6.49	6.01	3.50	3.13	4.28	9.44	3.36	4.19	4.33	3.70	8.22	6.16	4.62
Coef Var	0.564	0.480	0.512	0.508	0.361	0.274	0.395	0.608	0.316	0.410	0.368	0.391	0.814	0.803	0.355
Log Mean	1.007	0.971	1.048	1.039	0.959	1.043	1.002	1.136	1.007	0.973	1.049	0.934	0.896	0.772	1.094
Geo Mean	10.17	9.36	11.18	10.94	9.10	11.04	10.04	13.68	10.17	9.39	11.19	8.60	7.86	5.92	12.41
Log StDv	0.220	0.241	0.227	0.163	0.160	0.112	0.172	0.212	0.130	0.183	0.132	0.210	0.317	0.330	0.139
Log CVar	0.219	0.248	0.217	0.157	0.167	0.107	0.172	0.187	0.129	0.188	0.126	0.225	0.355	0.428	0.127
Percntls															
Minimum	0.7	0.7	1.5	4.1	3.3	4.9	3.3	2.7	5.9	3.5	6.4	1.4	1.4	1.2	8.0
10th	5.7	4.8	6.3	6.8	5.8	8.2	6.0	8.2	6.8	5.0	7.7	4.5	2.8	1.6	8.0
20th	7.4	6.8	7.9	8.3	6.3	9.1	7.3	9.5	7.7	7.0	8.8	5.4	4.1	2.6	8.5
30th	8.6	8.5	9.0	9.2	7.2	9.7	8.5	11.3	8.3	8.0	9.6	7.4	5.6	4.7	10.2
40th	9.6	9.4	10.0	10.1	8.9	10.4	9.0	12.1	9.0	8.5	10.2	8.4	7.0	5.8	10.8
50th	10.6	10.4	11.7	11.0	9.6	11.2	10.4	13.0	10.3	9.2	10.8	9.9	8.8	6.9	11.9
60th	11.6	11.2	12.8	11.8	10.5	11.6	11.2	14.3	10.9	9.8	11.5	10.8	9.8	7.7	12.8
70th	12.7	12.4	14.3	12.9	10.9	12.2	12.1	15.6	12.0	11.2	12.3	11.8	11.0	8.0	13.5
80th	14.3	13.9	16.2	14.4	12.3	13.2	14.0	18.3	13.0	13.4	14.0	12.3	13.1	9.7	15.0
85th	15.4	15.1	17.8	15.1	12.9	13.8	15.0	21.5	13.3	15.1	14.6	12.5	15.9	12.2	15.0
90th	16.8	15.8	20.4	16.8	14.2	14.8	16.5	23.3	13.6	16.5	15.6	12.8	16.8	12.9	17.0
95th	20.4	17.6	25.7	18.6	15.3	17.1	19.0	33.0	18.1	18.8	19.9	15.3	20.5	13.1	17.0
98th	27.5	20.1	30.6	22.2	17.0	19.4	21.8	42.4	19.1	19.4	20.4	16.9	23.1	15.6	24.8
99th	34.9	24.6	32.8	29.5	21.6	19.6	23.2	42.4	19.1	19.6	32.4	17.5	50.4	34.5	24.8
Maximum	85.4	63.8	46.3	73.4	21.8	26.4	25.3	66.4	20.2	19.6	32.4	17.5	50.4	34.5	24.8

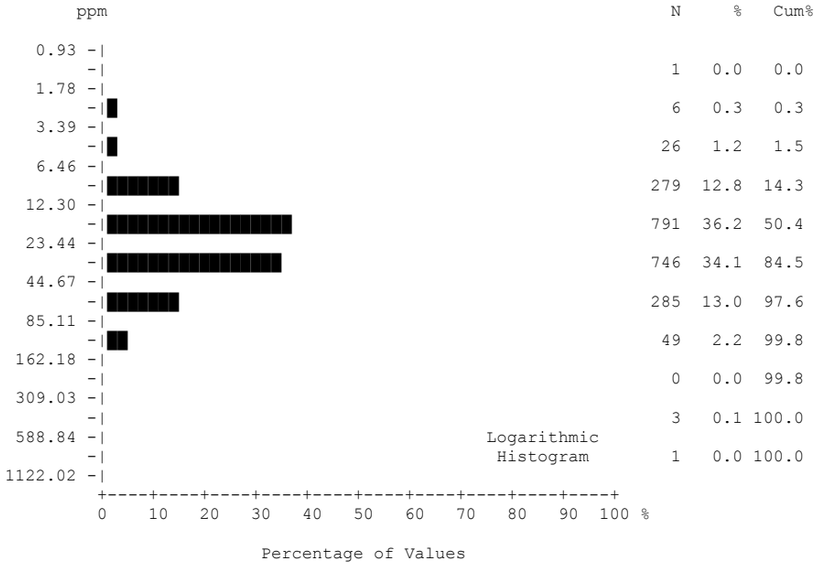
Cobalt (Co)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.1
analytical method : ICPMS

Cobalt by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	29.48	39.06	30.57	20.44	18.09	24.36	24.56	42.82	18.83	22.98	20.67	52.00	27.71	18.42	26.76
Median	23.23	32.15	26.03	18.37	16.71	20.46	21.63	36.59	16.63	20.54	19.48	48.38	22.12	11.79	26.50
Mode	18.99	27.40	12.53	9.71	12.00	15.10	14.27	8.62	7.75	27.91	11.97	6.00	19.09	1.70	13.06
Range	1015.30	1013.69	363.34	100.49	48.92	125.45	55.06	152.63	46.52	58.52	36.28	139.43	76.11	54.30	24.90
St Dev	31.50	52.04	25.81	11.99	9.05	15.75	12.98	25.05	8.67	11.06	8.05	31.90	19.30	15.50	6.56
Coef Var	1.069	1.332	0.844	0.586	0.500	0.647	0.529	0.585	0.460	0.481	0.389	0.614	0.697	0.841	0.245
Log Mean	1.375	1.501	1.408	1.263	1.210	1.332	1.329	1.576	1.236	1.319	1.284	1.628	1.363	1.081	1.413
Geo Mean	23.71	31.70	25.61	18.34	16.23	21.50	21.35	37.70	17.22	20.86	19.21	42.44	23.05	12.05	25.91
Log StDv	0.274	0.255	0.250	0.192	0.201	0.204	0.236	0.214	0.181	0.190	0.170	0.300	0.258	0.446	0.121
Log CVar	0.199	0.170	0.178	0.152	0.166	0.153	0.178	0.136	0.147	0.144	0.132	0.184	0.189	0.413	0.086
Percntls															
Minimum	1.70	3.31	2.04	6.44	5.73	5.48	5.40	8.62	7.75	8.89	7.54	6.00	7.11	1.70	13.06
10th	10.93	15.27	12.47	10.60	9.30	12.40	11.11	22.44	10.26	11.19	11.61	19.75	9.16	2.18	13.06
20th	14.26	20.39	16.14	13.24	10.73	15.10	13.42	24.88	11.55	14.17	13.48	23.13	15.12	3.84	19.86
30th	17.07	24.44	18.79	14.97	12.06	17.20	15.81	28.38	12.47	16.35	16.11	32.00	19.08	7.79	23.59
40th	19.86	27.89	22.80	16.91	14.10	19.23	17.42	31.39	14.07	19.05	17.59	38.66	19.77	10.10	25.56
50th	23.23	32.15	26.03	18.37	16.71	20.46	21.63	36.59	16.63	20.54	19.48	48.38	22.12	11.79	26.50
60th	27.24	36.61	30.17	19.95	17.71	23.18	24.76	40.47	18.89	23.00	20.86	53.48	24.74	18.86	27.07
70th	31.94	41.04	33.36	22.11	19.93	25.10	30.49	46.10	22.23	27.43	24.21	62.19	27.63	21.47	29.52
80th	39.06	49.92	39.99	25.03	23.70	28.92	33.59	55.04	24.76	28.42	26.34	67.23	32.50	32.41	30.92
85th	45.23	55.16	45.32	27.55	27.02	30.74	39.68	58.71	26.53	31.06	27.41	82.80	35.89	34.35	30.92
90th	53.48	61.89	48.40	30.39	30.85	36.16	44.20	64.09	28.95	35.45	29.70	94.60	64.61	39.42	33.59
95th	67.01	73.56	59.30	35.96	35.20	46.33	46.33	84.65	35.10	37.13	35.80	118.61	77.37	47.89	33.59
98th	93.26	105.17	78.43	52.81	43.66	72.72	56.52	129.34	39.08	53.27	43.31	122.69	81.14	52.24	37.96
99th	106.93	116.10	100.69	82.17	49.22	83.44	57.10	129.34	39.08	67.41	43.82	145.43	83.22	56.00	37.96
Maximum	1017.00	1017.00	365.38	106.93	54.65	130.93	60.46	161.25	54.27	67.41	43.82	145.43	83.22	56.00	37.96

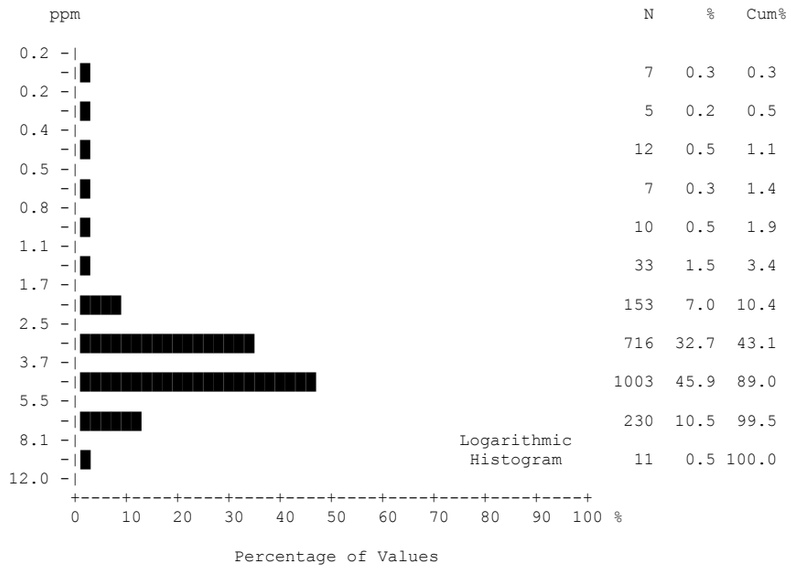
Copper (Cu)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.01
analytical method : ICPMS

Copper by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	4.00	3.87	3.89	4.42	3.71	4.50	4.12	3.85	4.06	3.58	4.05	3.69	3.87	3.11	5.39
Median	4.00	4.00	3.70	4.30	3.40	4.40	3.90	3.80	3.80	3.50	4.00	3.70	4.10	3.20	5.60
Mode	4.10	4.60	3.60	4.30	3.00	4.40	3.80	3.30	3.60	2.60	3.50	4.60	0.30	3.20	2.90
Range	9.8	8.7	9.5	6.8	7.8	5.5	5.1	5.2	4.8	7.7	3.1	6.1	7.0	5.1	4.3
St Dev	1.29	1.36	1.42	1.08	1.29	1.02	1.03	0.86	0.89	1.56	0.68	1.24	2.12	1.09	1.35
Coef Var	0.323	0.351	0.365	0.245	0.347	0.227	0.251	0.225	0.220	0.436	0.167	0.336	0.547	0.352	0.250
Log Mean	0.572	0.545	0.556	0.633	0.547	0.643	0.601	0.573	0.599	0.505	0.602	0.533	0.466	0.456	0.717
Geo Mean	3.73	3.51	3.60	4.29	3.52	4.39	3.99	3.74	3.97	3.20	3.99	3.41	2.92	2.86	5.22
Log StDv	0.185	0.233	0.186	0.105	0.139	0.093	0.109	0.108	0.092	0.229	0.072	0.198	0.401	0.207	0.121
Log CVar	0.325	0.427	0.335	0.165	0.255	0.145	0.181	0.189	0.153	0.454	0.120	0.372	0.861	0.456	0.169
Percntls															
Minimum	0.2	0.2	0.5	2.1	1.4	2.6	2.1	1.1	2.2	0.4	2.7	0.4	0.3	0.4	2.9
10th	2.5	2.2	2.2	3.1	2.3	3.3	2.9	2.9	3.3	1.6	3.3	2.3	0.5	1.7	2.9
20th	3.1	2.8	2.9	3.5	2.9	3.6	3.2	3.2	3.4	2.3	3.5	2.6	1.5	2.1	3.8
30th	3.4	3.3	3.2	3.8	3.0	3.9	3.5	3.3	3.5	2.7	3.6	2.9	2.8	2.6	4.3
40th	3.6	3.6	3.5	4.1	3.2	4.1	3.8	3.5	3.6	3.1	3.7	3.1	3.4	2.9	5.5
50th	4.0	4.0	3.7	4.3	3.4	4.4	3.9	3.8	3.8	3.5	4.0	3.7	4.1	3.2	5.6
60th	4.2	4.2	4.1	4.6	3.6	4.5	4.1	3.9	4.1	3.8	4.1	4.1	4.7	3.3	5.8
70th	4.5	4.6	4.4	4.8	4.0	4.8	4.5	4.2	4.4	4.2	4.3	4.6	5.3	3.5	6.0
80th	4.9	5.0	4.9	5.1	4.6	5.2	5.0	4.5	4.8	4.4	4.5	4.7	5.6	3.7	6.7
85th	5.2	5.1	5.3	5.4	4.9	5.4	5.2	4.7	5.0	5.3	4.5	4.8	6.0	3.8	6.7
90th	5.5	5.4	5.6	6.0	5.4	6.1	5.8	4.8	5.2	5.6	5.0	4.9	6.5	4.4	6.8
95th	6.2	5.9	6.5	6.4	5.8	6.5	5.9	5.7	5.7	6.2	5.4	5.4	7.2	4.8	6.8
98th	6.9	6.5	7.5	6.9	7.8	6.9	6.1	6.0	6.2	6.8	5.5	6.2	7.2	5.4	7.2
99th	7.6	6.9	7.6	7.0	8.0	7.7	6.7	6.0	6.2	8.1	5.8	6.5	7.3	5.5	7.2
Maximum	10.0	8.9	10.0	8.9	9.2	8.1	7.2	6.3	7.0	8.1	5.8	6.5	7.3	5.5	7.2

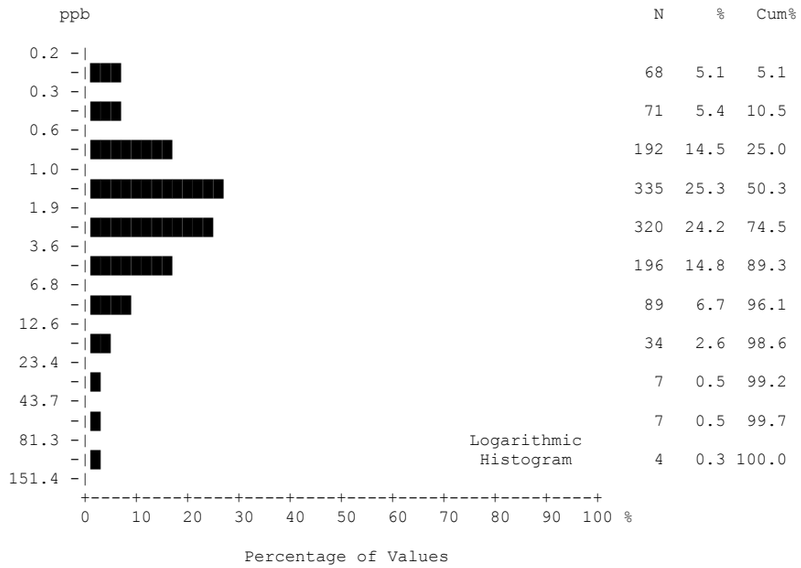
Gallium (Ga)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.1
analytical method : ICPMS

Gallium by ICPMS

Summary Statistics - Stream Sites



	All	othr	MTrCc	ETEn	lmJHz	ETOo	LTQCh	lKSk	lJCl	PJKu	KTpg	EKgd	uKKs
N	1323	257	166	92	92	63	49	46	45	44	40	28	12
N > DL	1283	250	159	86	86	56	48	44	45	43	40	28	12
Missing	952	247	143	196	28	68	1	2	1	30	6	8	49
Mean	3.67	4.27	3.77	1.27	2.33	3.22	1.32	1.83	9.96	2.45	2.22	3.24	1.37
Median	1.90	2.60	1.60	0.80	1.50	0.90	1.20	1.30	4.10	1.90	1.30	2.00	1.00
Mode	1.10	0.50	1.40	0.70	1.30	0.20	1.10	0.80	3.10	1.90	0.60	1.10	1.00
Range	99.8	95.9	99.0	6.0	53.6	98.6	3.4	10.1	98.6	5.9	15.8	12.7	3.5
St Dev	7.56	7.73	8.87	1.27	5.58	12.38	0.73	1.73	18.45	1.47	2.76	3.14	1.10
Coef Var	2.060	1.812	2.350	1.001	2.395	3.846	0.550	0.944	1.851	0.597	1.244	0.967	0.802
Log Mean	0.292	0.366	0.269	-0.061	0.132	0.021	0.052	0.125	0.716	0.300	0.175	0.348	0.021
Geo Mean	1.96	2.32	1.86	0.87	1.36	1.05	1.13	1.33	5.20	1.99	1.50	2.23	1.05
Log StDv	0.451	0.468	0.469	0.371	0.406	0.522	0.261	0.355	0.407	0.312	0.354	0.389	0.329
Log CVar	1.545	1.279	1.742	-6.085	3.074	26.087	5.118	2.866	0.569	1.045	2.021	1.118	16.455
Percntls													
Minimum	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.4	0.2	0.4	0.3	0.3
10th	0.5	0.6	0.5	0.3	0.4	0.2	0.5	0.5	2.1	0.7	0.6	0.7	0.3
20th	0.8	0.9	0.8	0.4	0.6	0.4	0.7	0.7	2.6	1.2	0.7	1.1	0.4
30th	1.2	1.3	1.1	0.5	1.1	0.5	0.8	0.9	3.1	1.5	0.9	1.4	0.7
40th	1.5	1.6	1.4	0.7	1.3	0.6	1.1	1.2	3.6	1.9	1.0	1.7	1.0
50th	1.9	2.6	1.6	0.8	1.5	0.9	1.2	1.3	4.1	1.9	1.3	2.0	1.0
60th	2.5	3.3	2.4	1.0	1.6	1.2	1.4	1.6	4.5	2.5	1.5	2.5	1.1
70th	3.2	4.2	3.1	1.2	2.1	2.2	1.5	2.0	5.5	2.9	2.2	3.7	1.1
80th	4.4	5.8	3.8	1.8	2.7	2.7	1.7	2.5	7.3	3.6	2.7	4.3	2.0
85th	5.1	6.9	5.9	2.4	2.8	3.9	2.0	2.7	10.6	3.9	3.7	4.7	2.0
90th	7.0	8.1	7.4	3.0	3.5	4.6	2.4	3.2	17.7	4.8	3.9	4.9	3.2
95th	10.8	11.3	10.0	4.4	5.0	5.0	2.6	3.7	53.1	5.4	5.3	10.4	3.2
98th	18.9	18.9	18.9	4.8	5.4	8.7	2.9	6.4	66.8	5.5	7.8	10.4	3.8
99th	29.6	29.6	25.0	5.2	6.8	8.7	3.6	10.3	100.0	6.1	16.2	13.0	3.8
Maximum	100.0	96.1	99.2	6.2	53.8	98.8	3.6	10.3	100.0	6.1	16.2	13.0	3.8

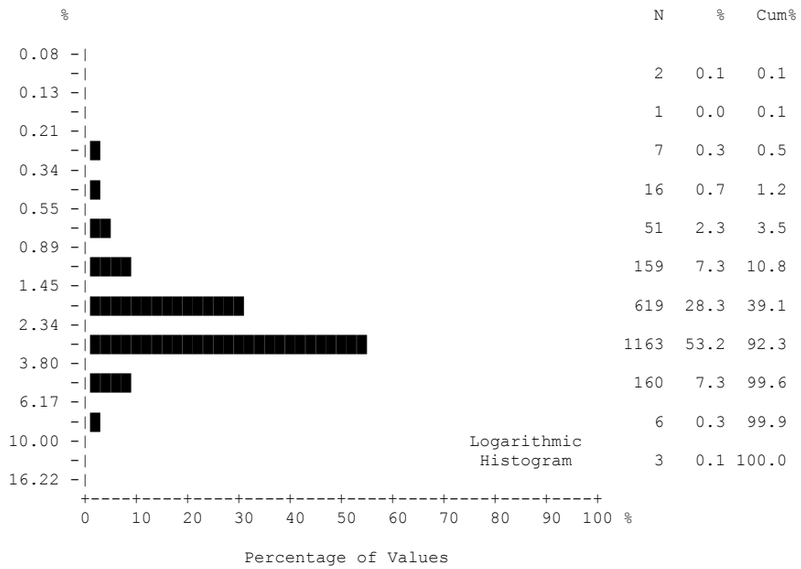
Gold (Au)

Stream Sediment

number of values : 2010
units : ppb
detection limit : 0.2
analytical method : ICPMS

Gold by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	2.57	2.37	2.50	2.83	2.47	2.99	2.61	3.00	2.74	2.25	2.88	2.32	2.19	1.80	3.56
Median	2.57	2.41	2.51	2.79	2.44	2.94	2.62	2.89	2.66	2.23	2.78	2.37	1.97	1.44	3.11
Mode	2.41	2.41	2.02	2.84	2.91	2.37	1.47	2.03	2.91	1.42	2.55	1.42	2.66	0.56	2.01
Range	12.88	5.74	5.05	11.36	7.56	3.87	3.85	5.15	3.28	3.82	7.09	3.24	12.72	12.48	5.35
St Dev	1.00	0.96	0.87	0.95	0.90	0.68	0.78	0.91	0.65	0.80	1.01	0.93	1.98	2.09	1.36
Coef Var	0.389	0.407	0.349	0.336	0.366	0.227	0.298	0.302	0.238	0.354	0.352	0.402	0.904	1.159	0.383
Log Mean	0.374	0.327	0.364	0.434	0.371	0.465	0.396	0.457	0.426	0.327	0.439	0.322	0.217	0.135	0.528
Geo Mean	2.37	2.12	2.31	2.72	2.35	2.92	2.49	2.86	2.67	2.12	2.75	2.10	1.65	1.36	3.37
Log StDv	0.192	0.228	0.187	0.118	0.137	0.096	0.135	0.135	0.990	0.155	0.132	0.211	0.347	0.305	0.142
Log CVar	0.514	0.699	0.515	0.273	0.370	0.208	0.340	0.296	0.232	0.475	0.302	0.656	1.607	2.257	0.269
Percntls															
Minimum	0.10	0.10	0.32	1.06	1.08	1.58	1.04	0.87	1.76	1.01	1.09	0.55	0.26	0.22	2.01
10th	1.41	1.11	1.35	1.97	1.61	2.18	1.54	1.97	1.99	1.30	1.94	1.07	0.35	0.54	2.01
20th	1.85	1.56	1.83	2.28	1.82	2.37	2.05	2.32	2.13	1.58	2.24	1.38	1.06	0.66	2.32
30th	2.15	1.87	2.07	2.46	2.01	2.67	2.26	2.50	2.31	1.79	2.55	1.66	1.30	1.15	2.96
40th	2.37	2.15	2.28	2.61	2.24	2.85	2.36	2.67	2.44	2.00	2.72	2.21	1.58	1.25	3.06
50th	2.57	2.41	2.51	2.79	2.44	2.94	2.62	2.89	2.66	2.23	2.78	2.37	1.97	1.44	3.11
60th	2.74	2.57	2.70	2.89	2.51	3.06	2.70	3.08	2.88	2.35	2.92	2.44	2.29	1.65	3.30
70th	2.94	2.80	2.89	3.03	2.79	3.19	2.91	3.35	2.95	2.60	3.11	2.91	2.56	1.79	3.68
80th	3.20	3.08	3.16	3.26	2.91	3.35	3.10	3.60	3.20	2.80	3.19	3.17	2.66	2.14	3.90
85th	3.37	3.32	3.31	3.35	3.07	3.49	3.21	3.81	3.39	2.90	3.33	3.39	2.78	2.16	3.90
90th	3.64	3.55	3.61	3.50	3.27	3.87	3.39	3.92	3.46	3.11	3.54	3.64	3.38	2.31	4.35
95th	4.05	3.95	4.05	3.99	3.51	4.27	4.00	4.40	3.62	3.61	4.03	3.73	3.97	2.40	4.35
98th	4.63	4.49	4.44	4.53	4.53	4.54	4.60	5.77	4.59	4.00	4.23	3.78	4.58	2.80	7.36
99th	5.21	4.79	4.51	4.98	5.40	5.10	4.84	5.77	4.59	4.83	8.18	3.79	12.98	12.70	7.36
Maximum	12.98	5.84	5.37	12.42	8.64	5.45	4.89	6.02	5.04	4.83	8.18	3.79	12.98	12.70	7.36

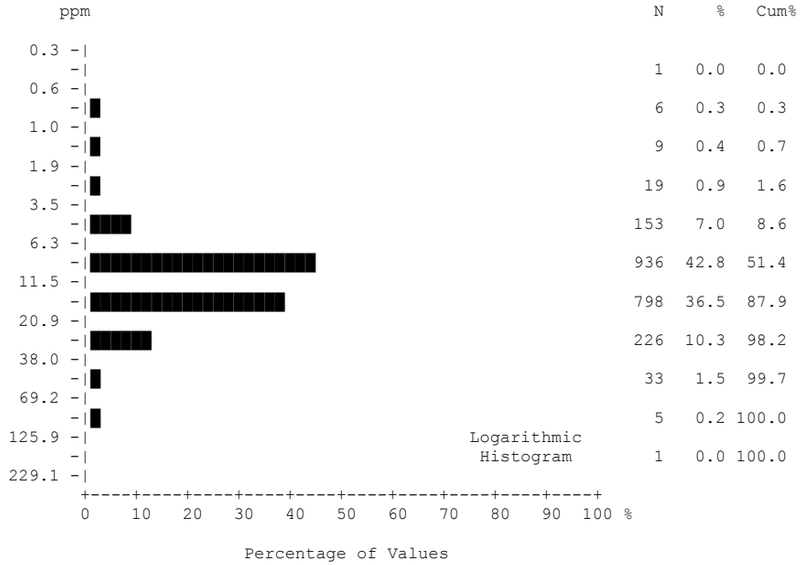
Iron (Fe)

Stream Sediment

number of values : 2187
units : %
detection limit : 0.01
analytical method : ICPMS

Iron by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2186	456	298	274	115	112	85	70	61	49	47	45	42	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	13.47	10.65	12.53	17.39	15.12	10.69	14.88	8.86	18.08	11.37	9.45	9.04	15.71	25.07	13.18
Median	11.30	9.10	11.10	15.60	12.90	9.70	13.30	8.50	16.20	11.50	7.80	8.80	14.70	17.40	11.40
Mode	7.50	7.50	9.90	16.30	8.80	7.40	9.90	7.50	12.50	4.80	7.10	7.40	10.00	17.40	7.00
Range	194.2	116.8	63.1	55.8	52.8	22.6	41.3	17.2	57.5	28.0	39.3	14.6	37.7	108.6	14.0
St Dev	9.56	7.40	7.20	8.15	7.87	4.34	7.56	3.03	9.73	5.08	6.13	3.26	8.63	25.96	4.83
Coef Var	0.710	0.695	0.574	0.469	0.520	0.406	0.508	0.342	0.538	0.447	0.649	0.360	0.549	1.036	0.367
Log Mean	1.063	0.966	1.051	1.200	1.134	1.000	1.129	0.923	1.214	1.008	0.930	0.918	1.097	1.242	1.093
Geo Mean	11.57	9.25	11.26	15.86	13.62	10.00	13.46	8.37	16.39	10.19	8.51	8.28	12.49	17.45	12.38
Log StDv	0.235	0.234	0.195	0.183	0.193	0.153	0.188	0.152	0.184	0.219	0.176	0.211	0.365	0.363	0.163
Log CVar	0.222	0.243	0.186	0.153	0.170	0.153	0.167	0.165	0.152	0.217	0.189	0.230	0.333	0.292	0.149
Percntls															
Minimum	0.5	0.7	1.8	6.3	3.1	3.9	5.9	2.0	5.8	2.1	5.0	0.9	0.5	3.5	7.0
10th	6.5	5.5	6.9	9.3	8.5	6.9	8.2	5.2	9.4	4.8	5.8	5.5	4.0	5.8	7.0
20th	7.9	6.9	8.5	10.5	9.2	7.5	9.0	6.8	12.3	7.1	6.2	6.5	9.9	7.9	7.5
30th	9.0	7.6	9.5	12.0	10.5	8.0	10.3	7.5	13.4	8.5	6.7	7.4	11.2	11.1	10.5
40th	10.0	8.3	10.3	14.0	11.7	9.0	11.7	7.9	14.2	10.5	7.1	7.9	12.3	13.6	10.7
50th	11.3	9.1	11.1	15.6	12.9	9.7	13.3	8.5	16.2	11.5	7.8	8.8	14.7	17.4	11.4
60th	12.8	10.2	12.3	17.7	14.2	10.4	14.4	8.8	17.5	12.2	8.1	9.6	17.1	18.5	13.5
70th	14.6	11.1	13.5	20.2	16.0	11.2	15.5	9.4	19.4	12.8	9.7	10.2	19.0	22.5	14.5
80th	17.1	13.5	14.9	22.7	19.5	12.5	19.0	11.1	20.8	15.0	10.5	11.5	21.6	32.8	17.2
85th	19.4	15.0	16.0	24.2	22.3	13.2	20.3	11.7	22.1	15.5	11.9	12.4	24.0	42.0	17.2
90th	22.3	16.8	17.1	26.8	26.0	16.2	24.8	12.0	24.7	15.7	12.9	14.2	28.1	47.4	21.0
95th	27.7	20.5	21.4	31.5	30.6	20.4	26.1	15.2	35.7	19.2	19.2	14.9	30.5	52.7	21.0
98th	36.4	26.3	32.3	42.9	35.9	23.7	33.5	17.7	54.8	21.7	19.4	15.2	33.4	109.8	21.0
99th	46.0	33.9	42.6	48.6	37.8	25.3	45.0	17.7	54.8	30.1	44.3	15.5	38.2	112.1	21.0
Maximum	194.7	117.5	64.9	62.1	55.9	26.5	47.2	19.2	63.3	30.1	44.3	15.5	38.2	112.1	21.0

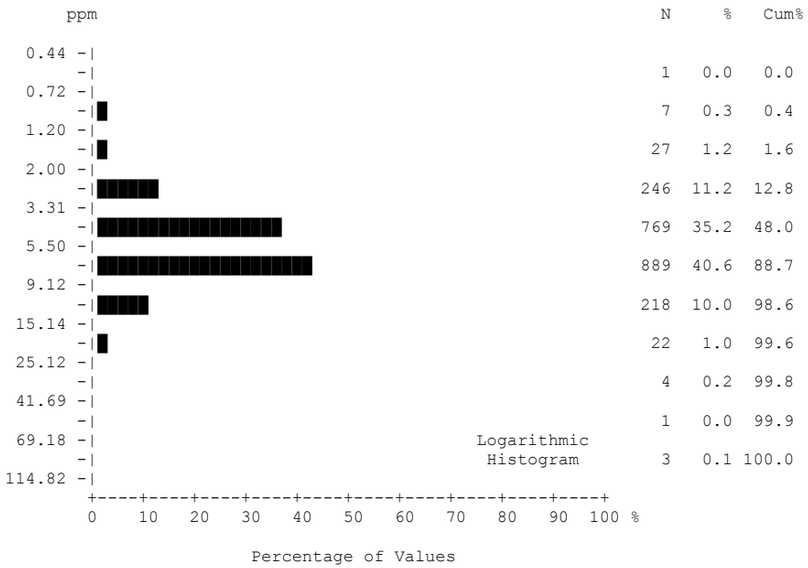
Lanthanum (La)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.5
analytical method : ICPMS

Lanthanum by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	6.18	5.18	6.37	6.94	6.31	7.84	5.89	5.59	6.38	5.46	7.65	4.15	7.58	4.51	6.81
Median	5.60	4.87	5.58	6.38	5.62	7.12	5.60	5.26	5.77	5.09	7.64	3.84	6.97	4.16	6.33
Mode	5.54	2.71	2.94	4.73	5.62	7.36	4.29	3.41	5.48	3.05	2.44	3.83	3.45	1.97	3.09
Range	94.59	15.92	24.17	91.51	57.21	18.96	15.28	10.35	18.38	10.09	10.06	6.49	16.68	6.59	9.48
St Dev	4.35	2.39	3.12	5.71	5.52	2.81	2.40	2.06	2.60	2.52	2.11	1.43	4.63	1.77	2.58
Coef Var	0.704	0.462	0.489	0.823	0.876	0.359	0.407	0.369	0.408	0.462	0.276	0.346	0.610	0.393	0.379
Log Mean	0.740	0.668	0.759	0.800	0.738	0.875	0.740	0.722	0.775	0.688	0.865	0.594	0.788	0.622	0.803
Geo Mean	5.50	4.66	5.75	6.32	5.47	7.49	5.49	5.27	5.96	4.88	7.32	3.93	6.13	4.19	6.36
Log StDv	0.201	0.207	0.197	0.164	0.208	0.124	0.160	0.145	0.161	0.218	0.137	0.145	0.307	0.170	0.174
Log CVar	0.272	0.310	0.259	0.205	0.282	0.142	0.217	0.201	0.207	0.316	0.158	0.244	0.391	0.273	0.216
Percntls															
Minimum	0.64	0.64	1.61	1.51	1.69	4.02	2.39	2.86	1.58	1.05	2.44	1.63	0.92	1.97	3.09
10th	3.05	2.54	3.23	4.09	2.95	5.50	3.55	3.41	4.14	2.77	4.75	2.63	2.51	2.41	3.09
20th	3.84	3.16	4.01	4.72	3.46	6.02	4.06	3.91	4.69	2.97	5.19	3.03	3.41	2.78	3.35
30th	4.44	3.75	4.43	5.26	4.36	6.50	4.66	4.26	5.43	3.85	6.60	3.28	3.91	3.18	6.14
40th	5.06	4.23	5.00	5.84	4.82	6.70	4.97	4.70	5.53	4.38	7.09	3.61	4.90	3.76	6.22
50th	5.60	4.87	5.58	6.38	5.62	7.12	5.60	5.26	5.77	5.09	7.64	3.84	6.97	4.16	6.33
60th	6.22	5.53	6.35	6.73	6.21	7.43	5.94	5.59	6.31	5.49	8.19	4.00	8.27	4.65	6.59
70th	6.91	6.01	7.15	7.32	7.05	7.81	6.30	5.95	6.75	6.36	8.74	4.53	9.35	5.01	7.65
80th	7.85	6.77	8.60	8.09	7.61	8.85	7.12	6.79	7.32	7.94	9.58	5.52	10.99	5.41	8.31
85th	8.46	7.45	9.41	8.75	8.04	9.47	7.85	7.37	8.35	8.62	9.78	5.64	11.85	6.49	8.31
90th	9.35	7.97	10.15	9.31	9.18	10.62	9.03	7.90	8.54	9.13	10.13	6.02	15.69	6.79	9.04
95th	10.80	9.48	11.65	11.11	10.54	12.87	10.22	9.70	10.48	9.82	10.81	6.89	15.94	7.85	9.04
98th	13.64	11.43	14.74	13.30	13.56	15.86	10.37	11.44	12.36	10.29	10.90	7.88	16.78	8.31	12.57
99th	15.94	12.51	16.20	14.20	14.17	20.27	12.65	11.44	12.36	11.14	12.50	8.12	17.60	8.56	12.57
Maximum	95.23	16.56	25.78	93.02	58.90	22.98	17.67	13.21	19.96	11.14	12.50	8.12	17.60	8.56	12.57

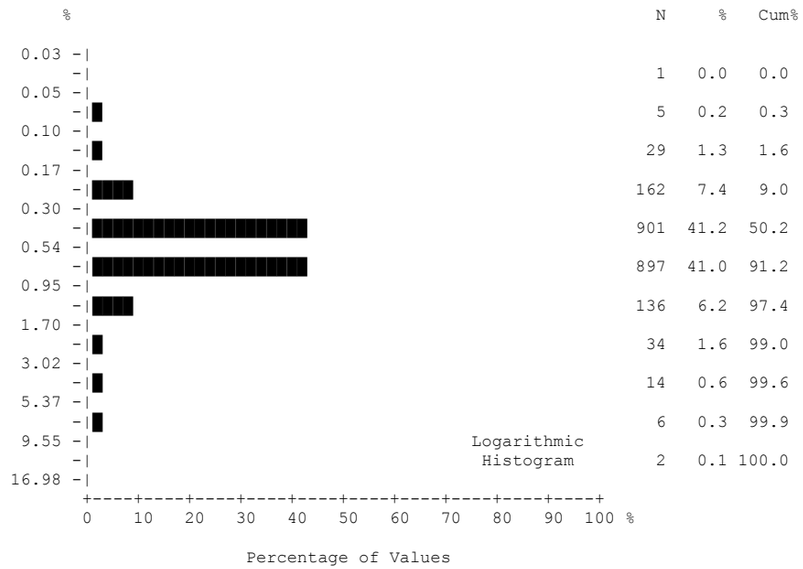
Lead (Pb)

Stream Sediment

number of values	: 2187
units	: ppm
detection limit	: 0.01
analytical method	: ICPMS

Lead by ICPMS

Summary Statistics - Stream Sites



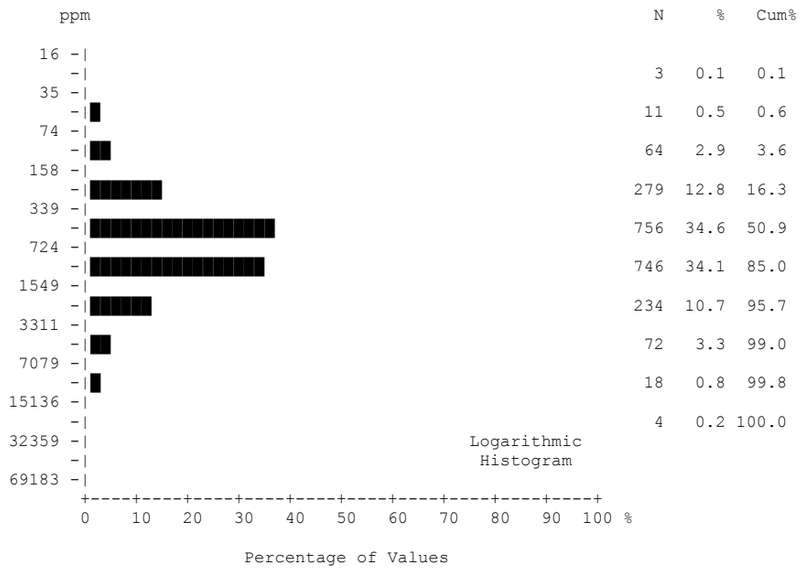
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	0.64	0.63	0.73	0.55	0.46	0.55	0.59	1.01	0.49	0.53	0.43	0.59	0.45	0.41	0.55
Median	0.53	0.60	0.57	0.53	0.42	0.53	0.51	0.75	0.47	0.48	0.42	0.55	0.45	0.37	0.54
Mode	0.41	0.64	0.44	0.57	0.34	0.46	0.32	0.59	0.40	0.35	0.42	0.39	0.42	0.37	0.54
Range	13.10	10.59	3.90	1.05	0.80	1.44	1.56	8.16	0.76	0.93	0.67	1.09	1.09	0.92	0.28
St Dev	0.64	0.53	0.55	0.18	0.17	0.19	0.30	1.02	0.15	0.21	0.12	0.25	0.23	0.24	0.07
Coef Var	0.995	0.833	0.759	0.322	0.371	0.351	0.502	1.009	0.298	0.384	0.280	0.424	0.520	0.573	0.128
Log Mean	-0.267	-0.249	-0.216	-0.282	-0.369	-0.278	-0.271	-0.092	-0.323	-0.301	-0.386	-0.274	-0.416	-0.463	-0.265
Geo Mean	0.54	0.56	0.61	0.52	0.43	0.53	0.54	0.81	0.48	0.50	0.41	0.53	0.38	0.34	0.54
Log StDv	0.225	0.207	0.249	0.139	0.161	0.128	0.183	0.267	0.120	0.160	0.113	0.207	0.272	0.282	0.053
Log CVar	-0.846	-0.834	-1.152	-0.494	-0.438	-0.459	-0.677	-2.935	-0.370	-0.532	-0.294	-0.756	-0.657	-0.609	-0.199
Percntls															
Minimum	0.04	0.04	0.06	0.18	0.16	0.29	0.27	0.10	0.26	0.20	0.22	0.14	0.07	0.10	0.45
10th	0.32	0.32	0.33	0.35	0.27	0.37	0.32	0.44	0.34	0.35	0.30	0.29	0.12	0.11	0.45
20th	0.38	0.42	0.41	0.41	0.31	0.40	0.36	0.51	0.37	0.36	0.35	0.39	0.24	0.15	0.48
30th	0.43	0.50	0.46	0.45	0.35	0.45	0.41	0.59	0.40	0.41	0.37	0.44	0.32	0.29	0.51
40th	0.48	0.55	0.51	0.48	0.38	0.48	0.45	0.69	0.43	0.44	0.39	0.48	0.42	0.33	0.53
50th	0.53	0.60	0.57	0.53	0.42	0.53	0.51	0.75	0.47	0.48	0.42	0.55	0.45	0.37	0.54
60th	0.59	0.64	0.64	0.57	0.47	0.55	0.54	0.85	0.50	0.54	0.42	0.64	0.49	0.40	0.54
70th	0.65	0.71	0.74	0.61	0.52	0.61	0.65	1.05	0.55	0.57	0.45	0.70	0.54	0.48	0.56
80th	0.75	0.78	0.86	0.67	0.62	0.66	0.72	1.23	0.58	0.66	0.47	0.76	0.58	0.64	0.58
85th	0.82	0.84	0.96	0.70	0.67	0.68	0.80	1.37	0.60	0.73	0.50	0.81	0.63	0.68	0.58
90th	0.91	0.89	1.27	0.80	0.69	0.71	1.03	1.46	0.64	0.81	0.51	0.96	0.69	0.73	0.58
95th	1.19	1.04	1.83	0.89	0.77	0.82	1.21	2.23	0.83	1.03	0.64	1.04	0.77	0.79	0.58
98th	1.95	1.27	2.59	1.03	0.83	1.13	1.39	2.76	0.86	1.03	0.74	1.08	1.09	0.84	0.73
99th	2.96	1.41	3.08	1.04	0.84	1.18	1.40	2.76	0.86	1.13	0.89	1.23	1.16	1.02	0.73
Maximum	13.14	10.63	3.96	1.23	0.96	1.73	1.83	8.26	1.02	1.13	0.89	1.23	1.16	1.02	0.73

Magnesium (Mg)
Stream Sediment

number of values : 2187
units : %
detection limit : 0.01
analytical method : ICPMS

Magnesium by ICPMS

Summary Statistics - Stream Sites



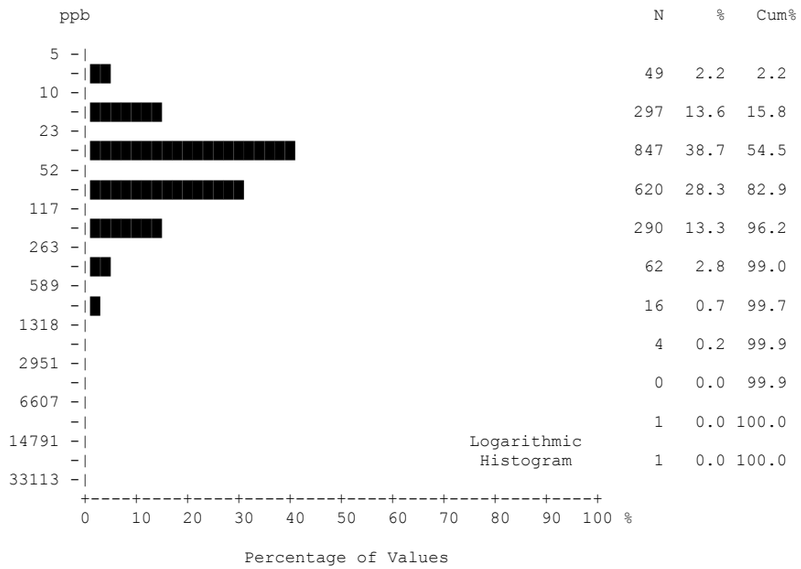
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	1076.4	867.5	959.5	1371.7	1102.5	1246.7	1176.4	1261.4	1402.9	1196.6	1135.1	506.1	871.9	556.4	3212.9
Median	716.0	574.0	769.0	810.0	740.0	889.0	857.0	705.0	1012.0	632.0	771.0	460.0	445.0	297.0	1710.0
Mode	328.0	328.0	350.0	702.0	464.0	361.0	197.0	699.0	802.0	150.0	734.0	332.0	37.0	62.0	584.0
Range	30415	17287	6047	30257	7967	9102	7627	14349	5948	9081	9825	1673	7285	5573	14118
St Dev	1510.85	1177.23	835.35	2558.74	1125.29	1416.18	1208.74	2110.21	1304.88	1677.71	1465.70	311.34	1342.38	969.75	3873.30
Coef Var	1.404	1.357	0.871	1.865	1.021	1.136	1.027	1.673	0.930	1.402	1.291	0.615	1.540	1.743	1.206
Log Mean	2.860	2.759	2.857	2.962	2.910	2.978	2.951	2.898	3.018	2.862	2.914	2.632	2.661	2.518	3.328
Geo Mean	723.7	573.9	719.5	916.6	813.6	950.0	893.0	791.3	1042.8	727.0	819.9	428.5	458.3	330.0	2127.8
Log StDv	0.366	0.384	0.338	0.316	0.321	0.281	0.295	0.357	0.321	0.396	0.316	0.257	0.486	0.398	0.379
Log CVar	0.128	0.139	0.118	0.107	0.110	0.094	0.100	0.123	0.106	0.138	0.108	0.980	0.183	0.158	0.114
Percntls															
Minimum	17	17	46	175	110	202	197	88	180	150	175	147	37	62	584
10th	260	208	258	415	330	468	417	393	462	257	321	168	120	86	584
20th	386	286	387	565	464	635	522	509	551	315	465	210	202	144	1054
30th	504	379	514	635	573	699	663	592	668	430	602	332	282	209	1195
40th	616	466	648	723	648	762	745	637	802	551	734	358	323	231	1315
50th	716	574	769	810	740	889	857	705	1012	632	771	460	445	297	1710
60th	838	698	856	958	931	1000	941	779	1111	705	896	495	574	462	1725
70th	1020	838	1056	1123	1132	1096	1083	940	1233	930	1054	610	635	487	2581
80th	1307	1076	1312	1467	1334	1506	1340	1138	2163	1364	1153	699	928	643	3816
85th	1548	1293	1523	1717	1594	1622	1499	1254	2480	1853	1509	743	1486	654	3816
90th	2004	1611	1762	2005	2113	1833	2024	1504	2553	2419	1897	829	1744	725	5260
95th	3127	2831	2398	2872	3445	2680	3006	4754	5029	4027	2662	1020	2658	952	5260
98th	5119	3591	3452	6863	4543	8025	5059	9608	5810	6991	3245	1111	5080	1360	14702
99th	6991	4414	4355	13586	5311	8534	5849	9608	5810	9231	10000	1820	7322	5635	14702
Maximum	30432	17304	6093	30432	8077	9304	7824	14437	6128	9231	10000	1820	7322	5635	14702

Manganese (Mn)
Stream Sediment

number of values : 2187
units : ppm
detection limit : 1
analytical method : ICPMS

Manganese by ICPMS

Summary Statistics - Stream Sites



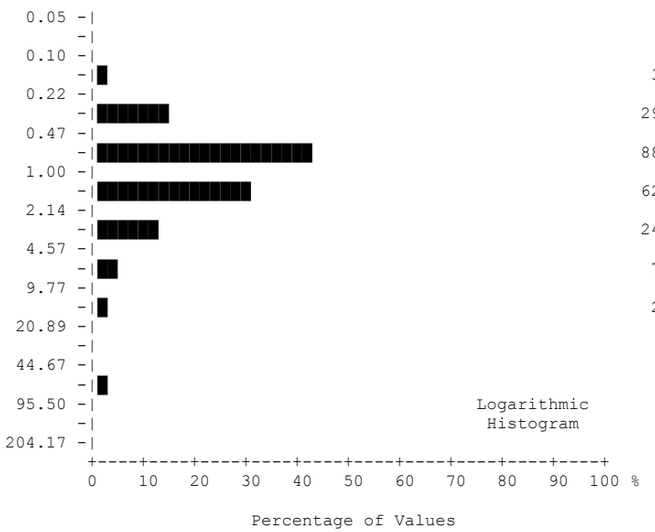
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2180	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	93.0	143.3	68.0	47.7	96.5	69.4	221.9	50.4	36.0	194.2	112.0	65.0	177.5	85.4	74.8
Median	48.0	93.0	44.0	36.0	32.0	48.0	31.0	36.0	34.0	101.0	70.0	51.0	131.0	30.0	56.0
Mode	35.0	125.0	37.0	19.0	23.0	34.0	22.0	19.0	37.0	45.0	37.0	29.0	95.0	9.0	35.0
Range	15535	10882	1238	301	2064	661	15534	236	109	1613	1242	178	485	845	103
St Dev	421.71	519.27	95.71	40.34	227.76	72.77	1681.45	43.38	21.19	278.94	182.66	44.11	124.95	152.19	34.65
Coef Var	4.533	3.623	1.408	0.845	2.360	1.049	7.579	0.861	0.588	1.436	1.631	0.679	0.704	1.783	0.463
Log Mean	1.723	1.944	1.690	1.579	1.645	1.725	1.555	1.587	1.482	2.056	1.875	1.734	2.156	1.622	1.833
Geo Mean	52.8	88.0	49.0	37.9	44.1	53.1	35.9	38.6	30.3	113.8	75.0	54.2	143.2	41.9	68.0
Log StDv	0.377	0.359	0.312	0.280	0.444	0.296	0.383	0.310	0.268	0.418	0.331	0.257	0.286	0.485	0.197
Log CVar	0.219	0.185	0.184	0.178	0.270	0.172	0.246	0.195	0.181	0.203	0.176	0.148	0.133	0.299	0.108
Percntls															
Minimum	5	10	9	7	9	10	6	8	6	21	16	18	45	8	35
10th	20	32	21	17	17	25	19	17	15	37	35	29	54	9	35
20th	26	43	28	22	22	30	22	23	19	47	37	32	86	14	42
30th	33	56	34	27	24	34	25	26	22	54	51	39	95	22	50
40th	39	74	38	32	28	40	28	32	24	83	66	44	111	26	55
50th	48	93	44	36	32	48	31	36	34	101	70	51	131	30	56
60th	59	115	54	41	36	62	36	42	37	136	79	63	167	36	61
70th	78	136	64	50	55	77	43	51	41	173	84	72	211	63	79
80th	105	168	82	61	98	95	51	68	53	233	112	80	252	124	113
85th	127	187	97	76	114	104	62	85	57	291	123	83	284	126	113
90th	164	230	119	86	164	128	77	95	61	334	197	127	300	189	119
95th	233	296	179	112	340	153	99	143	75	798	248	189	489	190	119
98th	355	400	236	199	670	221	112	195	85	929	349	195	504	190	138
99th	530	512	333	215	695	224	134	195	85	1634	1258	196	530	853	138
Maximum	15540	10892	1247	308	2073	671	15540	244	115	1634	1258	196	530	853	138

Mercury (Hg)
Stream Sediment

number of values : 2187
units : ppb
detection limit : 5
analytical method : ICPMS

Mercury by ICPMS

Summary Statistics - Stream Sites



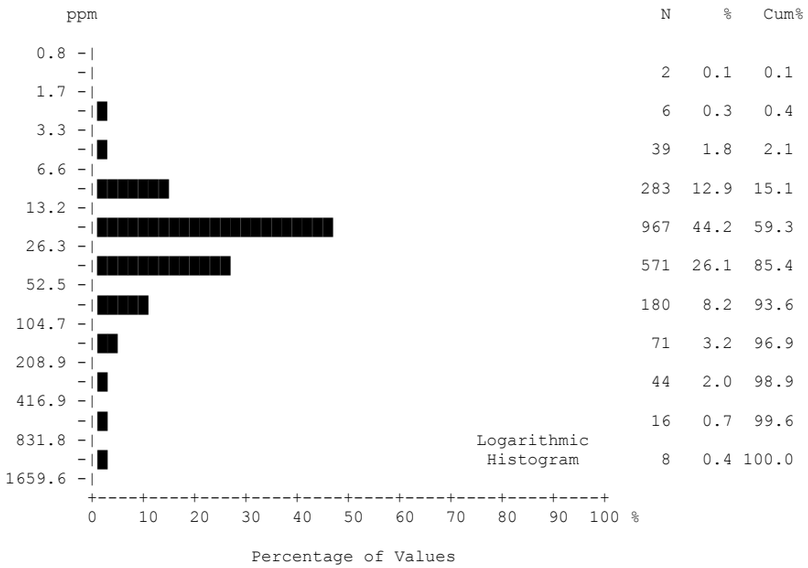
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	1.79	1.43	1.74	1.19	1.10	0.97	1.77	1.59	1.57	1.38	0.68	0.97	1.88	6.25	2.80
Median	0.89	0.97	1.02	0.70	0.64	0.76	1.15	1.07	1.13	0.83	0.62	0.75	1.36	1.20	1.93
Mode	0.60	0.72	0.60	0.59	0.39	0.82	0.78	1.13	0.51	0.41	0.60	0.58	0.96	0.15	0.87
Range	189.29	16.82	49.77	57.88	11.19	5.24	8.22	13.15	15.62	11.64	2.18	3.65	12.26	110.62	6.41
St Dev	6.62	1.70	3.54	3.57	1.41	0.83	1.57	1.89	2.10	1.84	0.39	0.72	2.10	19.35	2.07
Coef Var	3.693	1.188	2.037	3.010	1.281	0.851	0.890	1.186	1.338	1.332	0.582	0.742	1.118	3.097	0.737
Log Mean	0.001	0.004	0.037	-0.109	-0.122	-0.980	0.112	0.063	0.054	-0.024	-0.226	-0.109	0.112	0.231	0.358
Geo Mean	1.00	1.01	1.09	0.78	0.75	0.80	1.30	1.16	1.13	0.95	0.59	0.78	1.29	1.70	2.28
Log StDv	0.366	0.342	0.356	0.298	0.336	0.250	0.343	0.310	0.307	0.335	0.221	0.291	0.370	0.606	0.283
Log CVar	365.711	85.530	9.890	-2.730	-2.751	-2.580	3.059	4.996	5.684	-13.948	-0.979	-2.695	3.331	2.624	0.792
Percntls															
Minimum	0.10	0.11	0.10	0.15	0.17	0.18	0.23	0.38	0.26	0.29	0.17	0.15	0.22	0.15	0.87
10th	0.40	0.38	0.44	0.39	0.35	0.40	0.52	0.48	0.52	0.38	0.32	0.28	0.37	0.33	0.87
20th	0.53	0.54	0.58	0.47	0.40	0.52	0.67	0.62	0.62	0.47	0.38	0.53	0.73	0.51	1.02
30th	0.63	0.69	0.69	0.54	0.46	0.62	0.84	0.78	0.70	0.60	0.47	0.58	0.88	0.70	1.82
40th	0.75	0.83	0.84	0.61	0.54	0.67	0.97	1.00	0.93	0.76	0.58	0.63	0.98	0.93	1.84
50th	0.89	0.97	1.02	0.70	0.64	0.76	1.15	1.07	1.13	0.83	0.62	0.75	1.36	1.20	1.93
60th	1.09	1.19	1.22	0.79	0.83	0.81	1.47	1.14	1.22	0.95	0.65	0.89	1.53	1.61	2.23
70th	1.32	1.42	1.48	0.92	1.01	0.85	2.00	1.38	1.39	1.14	0.74	1.07	1.70	2.98	2.45
80th	1.78	1.86	1.85	1.10	1.19	1.27	2.73	1.57	1.67	1.61	0.87	1.18	2.20	6.68	3.16
85th	2.26	2.23	2.22	1.29	1.38	1.35	2.87	2.12	2.30	2.31	0.90	1.54	2.54	7.89	3.16
90th	3.04	2.76	3.15	2.01	2.74	1.57	3.33	2.94	2.39	2.55	0.91	1.68	4.02	9.35	6.61
95th	4.40	3.77	3.90	3.28	3.44	1.92	5.39	4.90	3.93	3.84	1.22	2.41	4.81	9.77	6.61
98th	7.94	6.18	9.04	4.03	5.01	4.34	6.64	6.38	4.95	5.60	2.00	3.05	6.05	11.57	7.28
99th	12.70	7.94	14.20	4.28	5.32	4.76	7.11	6.38	4.95	11.93	2.35	3.80	12.48	110.77	7.28
Maximum	189.39	16.93	49.87	58.03	11.36	5.42	8.45	13.53	15.88	11.93	2.35	3.80	12.48	110.77	7.28

Molybdenum (Mo)
Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.01
analytical method : ICPMS

Molybdenum by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	44.06	37.31	66.87	24.42	23.47	20.90	36.02	89.56	22.95	36.12	24.73	14.24	27.02	34.67	20.64
Median	23.20	25.60	32.60	21.40	18.80	19.30	21.00	33.80	16.80	27.60	21.30	14.00	22.20	26.90	19.20
Mode	13.90	18.70	21.90	13.80	9.60	13.10	9.80	23.10	10.80	23.90	22.50	11.00	9.50	2.10	10.20
Range	1538.3	1245.1	734.3	179.6	170.9	50.7	252.1	1169.9	90.8	71.4	56.9	35.5	114.7	157.8	26.8
St Dev	93.58	64.24	90.24	15.81	20.06	7.60	47.70	160.71	19.43	18.82	11.00	5.80	21.46	35.12	6.55
Coef Var	2.124	1.721	1.349	0.647	0.855	0.364	1.324	1.795	0.846	0.521	0.445	0.407	0.794	1.013	0.317
Log Mean	1.416	1.434	1.619	1.334	1.282	1.297	1.374	1.681	1.276	1.503	1.359	1.111	1.338	1.333	1.295
Geo Mean	26.07	27.16	41.56	21.59	19.16	19.80	23.66	47.96	18.90	31.83	22.86	12.92	21.79	21.54	19.75
Log StDv	0.362	0.312	0.380	0.205	0.260	0.141	0.349	0.419	0.238	0.219	0.168	0.221	0.279	0.471	0.136
Log CVar	0.256	0.218	0.235	0.154	0.202	0.108	0.254	0.249	0.187	0.146	0.124	0.199	0.209	0.353	0.105
Percntls															
Minimum	1.4	1.4	5.0	5.1	6.7	8.3	7.3	9.3	8.6	13.3	8.8	1.4	6.0	2.1	10.2
10th	10.9	11.9	18.0	11.4	9.2	13.1	10.1	20.3	10.8	17.8	15.7	10.2	8.5	2.5	10.2
20th	14.6	16.2	21.9	14.5	10.8	15.0	11.7	23.2	13.3	19.8	16.5	10.8	15.1	7.4	14.2
30th	17.5	19.2	24.5	18.3	13.0	17.4	13.8	27.1	14.7	22.4	18.8	11.7	16.6	13.9	18.9
40th	20.0	22.0	29.0	19.9	15.5	18.4	17.4	30.5	15.7	23.9	20.2	12.1	20.1	18.3	19.1
50th	23.2	25.6	32.6	21.4	18.8	19.3	21.0	33.8	16.8	27.6	21.3	14.0	22.2	26.9	19.2
60th	26.6	30.1	40.1	24.0	21.4	21.4	25.8	43.0	17.7	38.5	22.7	14.5	23.5	28.7	20.5
70th	31.9	36.7	53.7	26.3	26.5	22.8	29.1	51.3	19.2	42.7	24.7	15.4	26.4	34.9	21.1
80th	41.9	45.3	77.6	29.8	30.6	25.1	38.8	107.9	22.7	53.3	29.7	16.3	31.0	54.1	22.8
85th	51.6	52.9	97.6	33.8	33.3	25.8	45.7	177.0	23.3	57.3	33.0	17.3	39.1	58.2	22.8
90th	71.0	66.2	170.3	38.1	40.0	28.1	72.3	200.9	53.8	59.0	38.6	21.3	40.3	63.1	25.5
95th	140.5	101.0	259.2	44.8	50.9	33.4	167.2	328.8	70.1	77.1	48.1	23.2	71.6	82.0	25.5
98th	275.0	130.9	336.7	54.0	69.8	40.6	192.5	436.5	87.5	82.8	50.9	26.1	78.6	127.9	37.0
99th	421.6	156.8	368.4	65.8	88.8	51.6	235.1	436.5	87.5	84.7	65.7	36.9	120.7	159.9	37.0
Maximum	1539.7	1246.5	739.3	184.7	177.6	59.0	259.4	1179.2	99.4	84.7	65.7	36.9	120.7	159.9	37.0

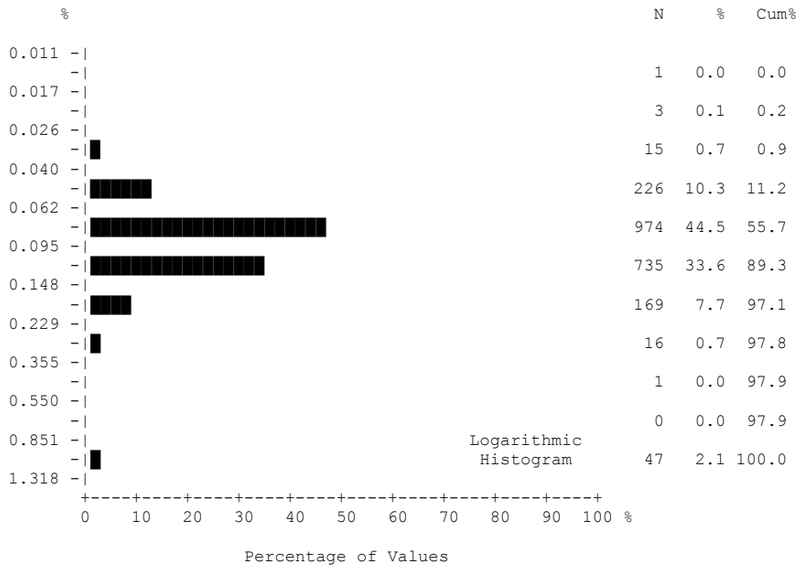
Nickel (Ni)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.1
analytical method : ICPMS

Nickel by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	0.12	0.11	0.12	0.12	0.14	0.09	0.12	0.10	0.15	0.10	0.08	0.15	0.13	0.10	0.10
Median	0.09	0.09	0.09	0.10	0.09	0.08	0.09	0.08	0.10	0.10	0.07	0.13	0.11	0.07	0.08
Mode	0.07	0.09	0.06	0.09	0.07	0.06	0.07	0.07	0.09	0.08	0.06	0.11	0.07	0.07	0.07
Range	0.977	0.967	0.955	0.937	0.955	0.943	0.946	0.941	0.958	0.165	0.248	0.918	0.938	0.970	0.103
St Dev	0.13	0.11	0.16	0.13	0.19	0.09	0.17	0.11	0.20	0.03	0.04	0.13	0.14	0.17	0.03
Coef Var	1.148	0.943	1.310	1.076	1.368	0.996	1.351	1.130	1.342	0.303	0.501	0.874	1.080	1.718	0.304
Log Mean	-1.016	-1.005	-1.026	-0.976	-0.993	-1.102	-1.011	-1.071	-0.963	-0.997	-1.144	-0.879	-0.970	-1.174	-1.032
Geo Mean	0.10	0.10	0.09	0.11	0.10	0.08	0.10	0.08	0.11	0.10	0.07	0.13	0.11	0.07	0.09
Log StDv	0.213	0.187	0.237	0.192	0.252	0.158	0.219	0.183	0.258	0.124	0.145	0.174	0.213	0.289	0.122
Log CVar	-0.210	-0.186	-0.231	-0.197	-0.254	-0.143	-0.216	-0.171	-0.268	-0.124	-0.127	-0.198	-0.220	-0.246	-0.118
Percntls															
Minimum	0.013	0.023	0.035	0.053	0.035	0.037	0.044	0.049	0.032	0.052	0.044	0.062	0.042	0.020	0.062
10th	0.060	0.065	0.057	0.069	0.064	0.058	0.065	0.055	0.060	0.074	0.052	0.089	0.064	0.030	0.062
20th	0.069	0.074	0.064	0.079	0.069	0.061	0.071	0.065	0.078	0.082	0.058	0.101	0.075	0.039	0.074
30th	0.077	0.080	0.071	0.086	0.078	0.064	0.079	0.068	0.087	0.086	0.062	0.115	0.084	0.054	0.075
40th	0.084	0.087	0.081	0.092	0.085	0.070	0.087	0.072	0.090	0.092	0.063	0.123	0.091	0.061	0.080
50th	0.091	0.094	0.087	0.100	0.090	0.077	0.092	0.081	0.102	0.096	0.065	0.134	0.106	0.066	0.081
60th	0.101	0.106	0.095	0.107	0.097	0.082	0.101	0.088	0.109	0.106	0.070	0.142	0.114	0.068	0.091
70th	0.111	0.115	0.104	0.116	0.110	0.088	0.106	0.094	0.117	0.111	0.074	0.155	0.126	0.077	0.100
80th	0.124	0.126	0.117	0.130	0.124	0.102	0.111	0.111	0.126	0.120	0.087	0.160	0.138	0.100	0.122
85th	0.135	0.139	0.132	0.142	0.134	0.108	0.117	0.118	0.140	0.138	0.095	0.166	0.146	0.105	0.122
90th	0.150	0.148	0.156	0.158	0.159	0.116	0.122	0.126	0.163	0.143	0.102	0.170	0.170	0.107	0.123
95th	0.178	0.179	0.178	0.181	0.199	0.124	0.146	0.149	0.196	0.168	0.138	0.178	0.178	0.114	0.123
98th	0.980	0.227	0.980	0.990	0.990	0.131	0.980	0.170	0.990	0.179	0.147	0.190	0.239	0.147	0.165
99th	0.990	0.980	0.990	0.990	0.990	0.155	0.980	0.170	0.990	0.217	0.292	0.980	0.980	0.990	0.165
Maximum	0.990	0.990	0.990	0.990	0.990	0.980	0.990	0.990	0.990	0.217	0.292	0.980	0.980	0.990	0.165

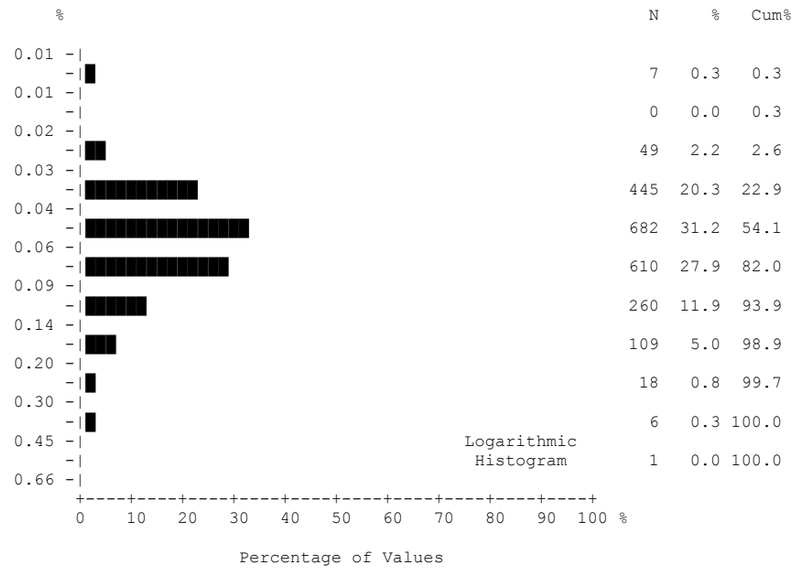
Phosphorus (P)

Stream Sediment

number of values : 2187
units : %
detection limit : 0.001
analytical method : ICPMS

Phosphorus by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2180	451	298	274	115	112	85	69	61	48	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	0.07	0.06	0.09	0.08	0.07	0.06	0.09	0.08	0.08	0.07	0.06	0.05	0.08	0.06	0.05
Median	0.06	0.05	0.07	0.07	0.06	0.06	0.08	0.06	0.07	0.06	0.05	0.05	0.07	0.06	0.05
Mode	0.05	0.05	0.07	0.08	0.05	0.06	0.06	0.05	0.08	0.03	0.05	0.06	0.04	0.05	0.05
Range	0.45	0.25	0.36	0.17	0.15	0.16	0.30	0.32	0.13	0.18	0.10	0.13	0.26	0.10	0.07
St Dev	0.04	0.03	0.05	0.03	0.03	0.02	0.05	0.06	0.02	0.04	0.02	0.02	0.05	0.02	0.02
Coef Var	0.560	0.558	0.564	0.363	0.429	0.406	0.513	0.699	0.324	0.573	0.323	0.401	0.642	0.384	0.373
Log Mean	-1.201	-1.299	-1.124	-1.133	-1.207	-1.259	-1.097	-1.162	-1.143	-1.212	-1.252	-1.291	-1.160	-1.257	-1.311
Geo Mean	0.06	0.05	0.08	0.07	0.06	0.06	0.08	0.07	0.07	0.06	0.06	0.05	0.07	0.06	0.05
Log StDv	0.212	0.215	0.218	0.156	0.183	0.157	0.200	0.251	0.134	0.261	0.142	0.167	0.260	0.176	0.179
Log CVar	-0.177	-0.166	-0.194	-0.138	-0.152	-0.125	-0.183	-0.216	-0.117	-0.215	-0.114	-0.129	-0.224	-0.140	-0.136
Percntls															
Minimum	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.01	0.03	0.01	0.02	0.02	0.02	0.02	0.02
10th	0.04	0.03	0.04	0.05	0.04	0.03	0.05	0.03	0.05	0.03	0.04	0.03	0.03	0.03	0.02
20th	0.04	0.03	0.05	0.05	0.04	0.04	0.05	0.05	0.06	0.04	0.05	0.04	0.04	0.04	0.03
30th	0.05	0.04	0.06	0.06	0.05	0.05	0.06	0.05	0.06	0.05	0.05	0.04	0.04	0.05	0.04
40th	0.06	0.05	0.07	0.07	0.05	0.05	0.07	0.06	0.07	0.05	0.05	0.05	0.06	0.05	0.05
50th	0.06	0.05	0.07	0.07	0.06	0.06	0.08	0.06	0.07	0.06	0.05	0.05	0.07	0.06	0.05
60th	0.07	0.06	0.08	0.08	0.07	0.06	0.09	0.07	0.08	0.07	0.06	0.06	0.09	0.06	0.05
70th	0.08	0.06	0.09	0.09	0.08	0.06	0.10	0.08	0.08	0.08	0.06	0.06	0.10	0.06	0.06
80th	0.09	0.07	0.11	0.10	0.09	0.07	0.12	0.10	0.08	0.10	0.08	0.07	0.11	0.08	0.06
85th	0.10	0.08	0.12	0.11	0.10	0.08	0.13	0.12	0.09	0.12	0.08	0.07	0.12	0.09	0.06
90th	0.12	0.09	0.15	0.11	0.10	0.09	0.14	0.14	0.10	0.13	0.08	0.08	0.12	0.09	0.08
95th	0.14	0.12	0.17	0.13	0.11	0.10	0.17	0.19	0.13	0.16	0.09	0.08	0.15	0.09	0.08
98th	0.18	0.15	0.23	0.16	0.15	0.11	0.17	0.30	0.14	0.16	0.10	0.09	0.25	0.10	0.09
99th	0.21	0.18	0.24	0.16	0.16	0.13	0.18	0.30	0.14	0.19	0.12	0.15	0.28	0.12	0.09
Maximum	0.46	0.26	0.38	0.19	0.17	0.19	0.33	0.33	0.16	0.19	0.12	0.15	0.28	0.12	0.09

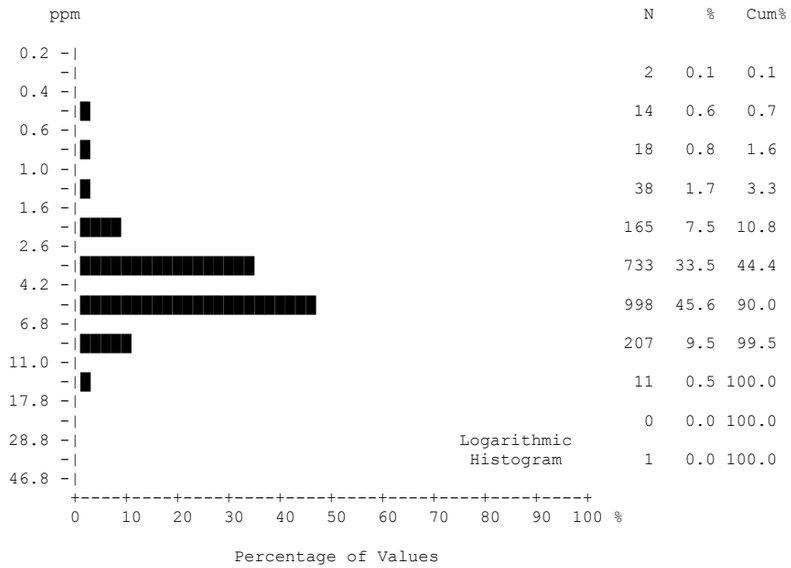
Potassium (K)

Stream Sediment

number of values : 2187
units : %
detection limit : 0.01
analytical method : ICPMS

Potassium by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	4.54	4.62	4.45	5.26	4.16	5.53	4.05	4.59	4.45	3.99	5.29	4.01	3.22	2.79	5.25
Median	4.30	4.50	4.10	5.00	3.70	5.30	3.90	4.60	4.20	3.80	5.20	4.10	3.20	2.10	5.50
Mode	4.30	4.30	3.90	4.40	3.40	5.90	2.70	3.40	4.20	3.80	3.80	2.70	0.60	2.10	5.80
Range	34.2	13.6	33.9	11.7	11.0	8.9	5.6	5.7	5.7	7.1	6.2	9.1	13.4	7.1	6.6
St Dev	1.91	1.73	2.43	1.93	1.79	1.65	1.14	1.22	1.38	1.50	1.37	1.48	2.47	1.75	1.80
Coef Var	0.420	0.375	0.546	0.368	0.430	0.298	0.281	0.266	0.309	0.377	0.260	0.368	0.766	0.628	0.342
Log Mean	0.617	0.627	0.604	0.694	0.587	0.725	0.590	0.646	0.628	0.568	0.710	0.567	0.372	0.351	0.692
Geo Mean	4.14	4.24	4.02	4.94	3.86	5.31	3.89	4.43	4.25	3.70	5.13	3.69	2.36	2.24	4.92
Log StDv	0.198	0.202	0.200	0.154	0.164	0.125	0.127	0.123	0.135	0.179	0.109	0.201	0.382	0.311	0.175
Log CVar	0.322	0.323	0.332	0.223	0.279	0.173	0.215	0.191	0.215	0.315	0.153	0.354	1.026	0.888	0.254
Percntls															
Minimum	0.3	0.3	0.6	2.0	1.7	2.7	1.6	1.9	2.0	0.8	3.1	0.5	0.4	0.5	2.0
10th	2.5	2.6	2.5	3.1	2.4	3.6	2.7	3.1	2.7	2.3	3.7	2.4	0.5	0.7	2.0
20th	3.1	3.3	3.0	3.7	2.7	4.2	3.0	3.4	3.3	2.8	3.8	2.7	1.0	0.9	2.7
30th	3.6	3.7	3.4	4.2	3.1	4.5	3.4	4.0	3.5	3.2	4.4	3.1	2.0	1.9	4.6
40th	4.0	4.1	3.8	4.5	3.4	4.9	3.7	4.3	4.0	3.4	5.0	3.8	2.4	2.1	5.1
50th	4.3	4.5	4.1	5.0	3.7	5.3	3.9	4.6	4.2	3.8	5.2	4.1	3.2	2.1	5.5
60th	4.7	4.9	4.6	5.3	4.2	5.7	4.2	4.7	4.6	3.8	5.4	4.3	3.5	2.9	5.6
70th	5.2	5.4	5.1	5.9	4.8	6.0	4.6	5.0	4.8	4.5	5.6	4.6	3.9	3.4	5.8
80th	5.8	5.9	5.7	6.7	5.1	6.5	5.1	5.5	5.6	4.9	5.9	5.0	4.2	4.3	5.9
85th	6.2	6.3	6.0	7.1	5.7	7.0	5.3	5.8	6.1	5.8	6.8	5.2	4.8	4.4	5.9
90th	6.7	6.6	6.6	7.7	6.2	7.6	5.7	6.4	6.5	6.0	7.2	5.4	6.2	4.8	7.3
95th	7.7	7.4	7.8	8.7	6.6	9.1	5.9	6.8	7.0	7.0	8.0	5.7	6.6	5.2	7.3
98th	9.0	9.0	8.3	9.8	10.5	9.6	6.1	7.4	7.5	7.4	8.5	6.1	7.1	6.7	8.6
99th	9.7	9.2	8.5	12.2	10.7	9.7	6.4	7.4	7.5	7.9	9.3	9.6	13.8	7.6	8.6
Maximum	34.5	13.9	34.5	13.7	12.7	11.6	7.2	7.6	7.7	7.9	9.3	9.6	13.8	7.6	8.6

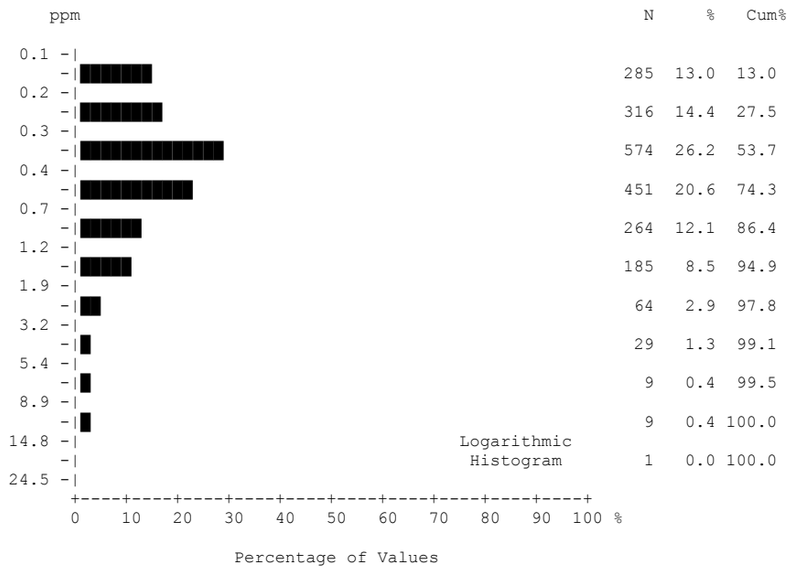
Scandium (Sc)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.1
analytical method : ICPMS

Scandium by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	1902	435	255	218	95	99	64	68	48	36	41	42	42	27	11
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	0.69	1.02	0.82	0.34	0.47	0.45	0.48	1.25	0.32	0.80	0.40	0.62	1.00	0.80	0.50
Median	0.40	0.70	0.50	0.30	0.30	0.40	0.40	0.70	0.30	0.30	0.30	0.50	0.60	0.40	0.50
Mode	0.20	0.40	0.10	0.20	0.20	0.20	0.10	0.50	0.40	0.10	0.30	0.20	0.20	0.10	0.50
Range	17.4	13.5	17.4	2.8	5.1	2.3	2.5	10.2	1.4	7.1	1.2	2.1	6.4	3.6	0.7
St Dev	1.05	1.32	1.42	0.30	0.73	0.36	0.45	1.77	0.22	1.33	0.22	0.51	1.29	0.91	0.19
Coef Var	1.514	1.296	1.743	0.894	1.552	0.812	0.941	1.423	0.704	1.654	0.554	0.815	1.297	1.147	0.381
Log Mean	-0.365	-0.163	-0.325	-0.578	-0.527	-0.461	-0.482	-0.124	-0.581	-0.434	-0.467	-0.337	-0.217	-0.322	-0.347
Geo Mean	0.43	0.69	0.47	0.26	0.30	0.35	0.33	0.75	0.26	0.37	0.34	0.46	0.61	0.48	0.45
Log StDv	0.397	0.369	0.425	0.291	0.363	0.308	0.377	0.403	0.277	0.512	0.263	0.349	0.406	0.450	0.242
Log CVar	-1.087	-2.279	-1.307	-0.503	-0.688	-0.670	-0.785	-3.279	-0.477	-1.179	-0.564	-1.035	-1.879	-1.400	-0.697
Percntls															
Minimum	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10th	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.2	0.2	0.1	0.1
20th	0.2	0.4	0.2	0.1	0.2	0.2	0.1	0.4	0.1	0.1	0.2	0.2	0.3	0.2	0.3
30th	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.3	0.3	0.3	0.3	0.5
40th	0.3	0.6	0.4	0.2	0.2	0.3	0.3	0.5	0.2	0.2	0.3	0.4	0.4	0.4	0.5
50th	0.4	0.7	0.5	0.3	0.3	0.4	0.4	0.7	0.3	0.3	0.3	0.5	0.6	0.4	0.5
60th	0.5	0.8	0.6	0.3	0.3	0.4	0.4	0.8	0.3	0.4	0.4	0.6	0.6	0.6	0.5
70th	0.7	1.0	0.8	0.4	0.4	0.5	0.5	1.1	0.4	0.7	0.5	0.6	0.8	0.8	0.6
80th	0.9	1.4	1.0	0.5	0.5	0.6	0.8	1.4	0.4	0.8	0.6	1.0	1.2	1.1	0.6
85th	1.1	1.5	1.2	0.5	0.6	0.7	0.8	1.7	0.4	1.1	0.6	1.1	1.4	1.1	0.6
90th	1.4	1.8	1.5	0.6	0.9	0.8	0.9	2.3	0.5	2.1	0.6	1.3	2.5	2.0	0.7
95th	2.0	2.9	2.5	0.7	1.3	1.1	1.3	4.9	0.7	3.0	0.6	1.9	4.4	2.2	0.7
98th	3.5	4.6	4.1	1.0	4.0	1.4	1.6	9.0	0.8	5.2	0.8	2.0	4.4	3.6	0.8
99th	5.0	6.9	5.9	1.6	4.0	2.0	2.1	9.0	0.8	7.2	1.3	2.2	6.5	3.7	0.8
Maximum	17.5	13.6	17.5	2.9	5.2	2.4	2.6	10.3	1.5	7.2	1.3	2.2	6.5	3.7	0.8

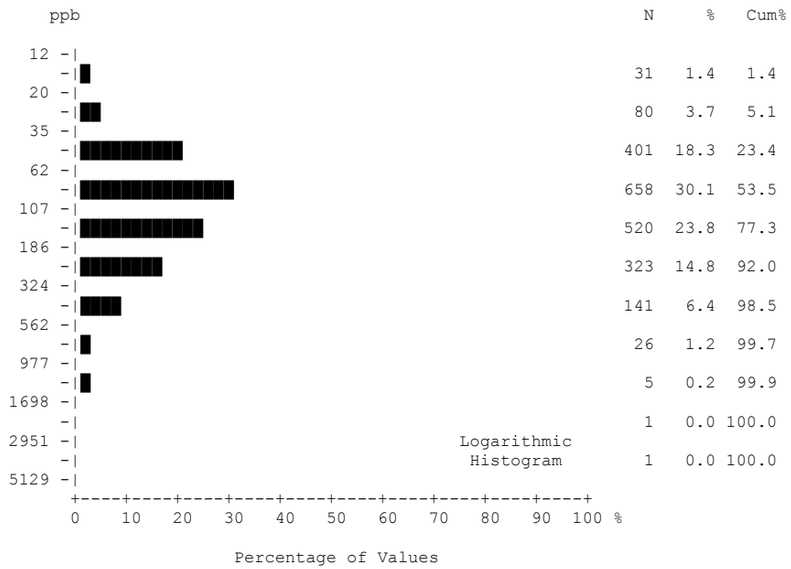
Selenium (Se)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.1
analytical method : ICPMS

Selenium by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	145.0	176.6	166.9	108.2	131.1	101.2	162.0	148.2	109.7	139.1	99.4	115.7	274.3	143.3	142.1
Median	101.0	136.0	113.0	77.0	83.0	83.0	114.0	105.0	85.0	118.0	80.0	88.0	239.0	113.0	109.0
Mode	60.0	60.0	45.0	62.0	60.0	50.0	102.0	75.0	52.0	45.0	103.0	57.0	50.0	54.0	67.0
Range	3548	1396	2546	689	801	329	839	525	339	880	384	273	581	423	195
St Dev	157.03	155.77	202.04	94.44	138.21	58.97	142.81	111.47	76.05	136.76	70.35	71.78	164.82	112.39	59.37
Coef Var	1.083	0.882	1.211	0.873	1.054	0.583	0.881	0.752	0.694	0.983	0.708	0.620	0.601	0.784	0.418
Log Mean	2.031	2.130	2.081	1.930	1.958	1.949	2.092	2.073	1.956	2.013	1.933	1.976	2.341	2.024	2.120
Geo Mean	107.3	135.0	120.5	85.0	90.8	88.9	123.6	118.3	90.3	103.0	85.7	94.7	219.4	105.8	131.7
Log StDv	0.322	0.315	0.327	0.282	0.354	0.213	0.309	0.284	0.266	0.332	0.218	0.289	0.326	0.357	0.175
Log CVar	0.159	0.148	0.157	0.146	0.181	0.109	0.148	0.137	0.136	0.165	0.113	0.146	0.139	0.176	0.082
Percntls															
Minimum	13	20	18	23	18	39	32	35	27	22	40	18	20	18	67
10th	44	57	46	40	34	49	51	56	44	37	49	44	69	36	67
20th	57	77	64	49	44	54	68	69	52	48	52	57	137	44	98
30th	71	92	83	58	59	64	85	77	61	59	61	65	159	69	102
40th	84	109	100	67	68	75	101	89	71	84	74	71	196	80	105
50th	101	136	113	77	83	83	114	105	85	118	80	88	239	113	109
60th	122	162	132	89	93	91	129	126	105	125	91	102	268	120	120
70th	153	197	165	108	144	109	186	165	117	151	103	154	335	165	149
80th	198	248	222	139	162	135	217	224	160	190	114	172	439	234	195
85th	236	285	267	180	189	154	251	254	176	243	123	184	508	237	195
90th	290	332	319	202	300	177	308	301	205	253	145	227	532	331	223
95th	398	433	430	274	478	187	404	393	265	295	204	257	561	340	223
98th	532	619	613	408	541	298	543	483	342	304	332	278	592	404	262
99th	640	740	710	508	590	331	661	483	342	902	424	291	601	441	262
Maximum	3561	1416	2564	712	819	368	871	560	366	902	424	291	601	441	262

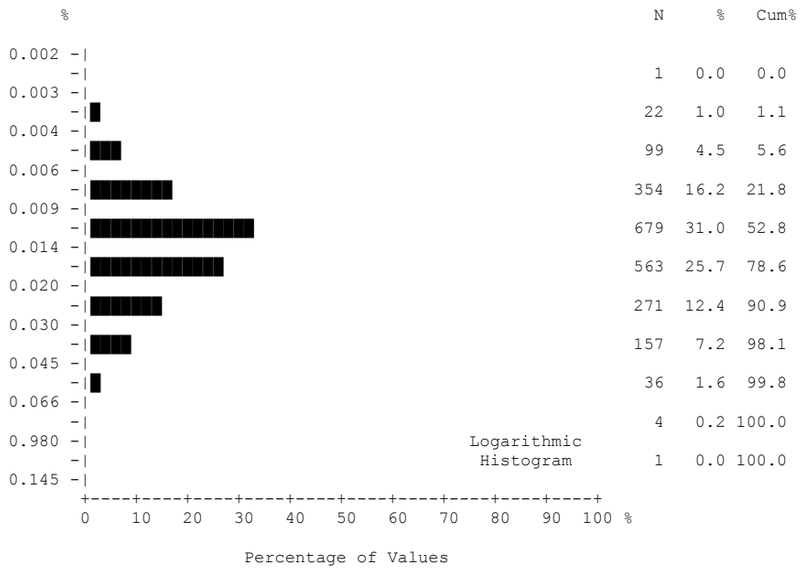
Silver (Ag)

Stream Sediment

number of values : 2187
units : ppb
detection limit : 2
analytical method : ICPMS

Silver by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	0.02	0.02	0.01	0.02	0.02	0.02	0.01	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.02
Median	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01
Mode	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Range	0.102	0.049	0.050	0.097	0.049	0.058	0.042	0.033	0.046	0.040	0.021	0.035	0.038	0.034	0.030
St Dev	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Coef Var	0.612	0.601	0.562	0.619	0.517	0.428	0.405	0.662	0.489	0.480	0.345	0.511	0.638	0.582	0.713
Log Mean	-1.857	-1.867	-1.903	-1.767	-1.776	-1.816	-1.908	-2.035	-1.797	-1.770	-1.834	-1.924	-1.984	-1.992	-1.877
Geo Mean	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.01
Log StDv	0.228	0.235	0.226	0.209	0.187	0.163	0.133	0.232	0.184	0.195	0.144	0.178	0.201	0.225	0.225
Log CVar	-0.123	-0.126	-0.119	-0.118	-0.106	-0.090	-0.070	-0.114	-0.103	-0.110	-0.078	-0.092	-0.101	-0.113	-0.120
Percntls															
Minimum	0.002	0.002	0.004	0.007	0.007	0.005	0.007	0.003	0.005	0.006	0.008	0.006	0.005	0.003	0.009
10th	0.007	0.007	0.007	0.010	0.010	0.010	0.009	0.005	0.011	0.010	0.010	0.008	0.006	0.005	0.009
20th	0.009	0.009	0.008	0.012	0.011	0.011	0.010	0.006	0.012	0.012	0.011	0.009	0.007	0.006	0.009
30th	0.010	0.010	0.009	0.013	0.014	0.013	0.011	0.007	0.013	0.013	0.012	0.010	0.008	0.008	0.010
40th	0.012	0.011	0.011	0.014	0.015	0.014	0.012	0.008	0.014	0.014	0.013	0.010	0.009	0.009	0.010
50th	0.013	0.012	0.012	0.016	0.016	0.015	0.012	0.009	0.014	0.015	0.014	0.011	0.010	0.010	0.011
60th	0.015	0.014	0.014	0.018	0.018	0.016	0.013	0.010	0.017	0.018	0.015	0.012	0.010	0.011	0.011
70th	0.017	0.017	0.016	0.020	0.020	0.019	0.013	0.011	0.018	0.022	0.017	0.013	0.011	0.012	0.012
80th	0.021	0.022	0.020	0.025	0.022	0.020	0.015	0.012	0.020	0.026	0.021	0.016	0.013	0.014	0.013
85th	0.025	0.028	0.022	0.028	0.025	0.021	0.016	0.016	0.024	0.028	0.022	0.017	0.015	0.015	0.013
90th	0.029	0.032	0.026	0.034	0.027	0.022	0.018	0.019	0.030	0.029	0.023	0.020	0.019	0.018	0.039
95th	0.037	0.037	0.029	0.042	0.043	0.025	0.020	0.028	0.033	0.036	0.026	0.022	0.031	0.019	0.039
98th	0.044	0.041	0.035	0.054	0.048	0.032	0.022	0.035	0.044	0.045	0.027	0.034	0.033	0.028	0.039
99th	0.050	0.041	0.040	0.065	0.051	0.038	0.026	0.035	0.044	0.046	0.029	0.041	0.043	0.037	0.039
Maximum	0.104	0.051	0.054	0.104	0.056	0.063	0.049	0.036	0.051	0.046	0.029	0.041	0.043	0.037	0.039

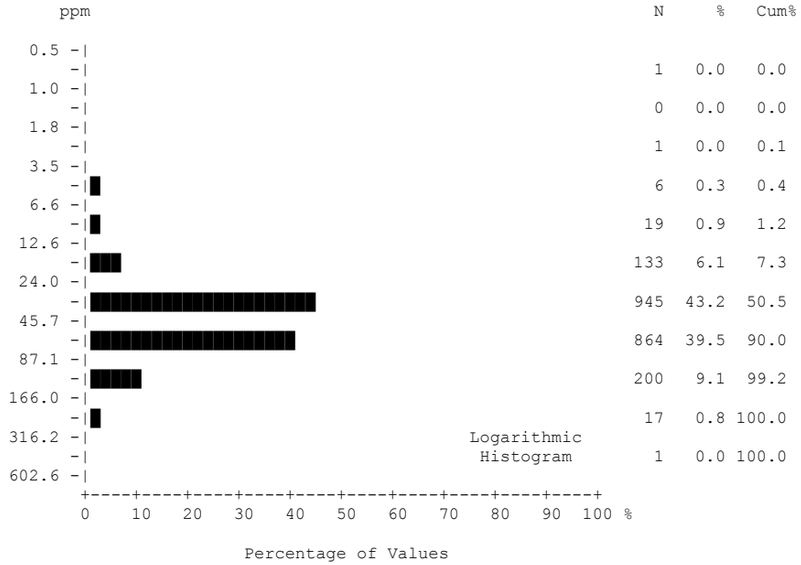
Sodium (Na)

Stream Sediment

number of values : 2187
units : %
detection limit : 0.001
analytical method : ICPMS

Sodium by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	52.49	49.13	45.28	67.85	53.80	47.94	53.78	55.40	68.61	61.31	52.68	52.52	48.83	29.05	69.35
Median	45.40	43.60	39.00	60.20	45.10	40.40	47.70	45.90	64.40	48.50	44.10	48.00	41.70	25.40	61.00
Mode	33.50	32.30	36.50	48.70	27.00	23.10	32.20	27.00	46.90	24.10	35.90	39.30	25.70	0.80	33.00
Range	461.4	140.8	188.6	237.6	161.0	140.3	117.9	158.4	269.6	130.5	222.0	111.7	144.7	116.2	104.3
St Dev	30.35	22.96	23.74	32.57	29.00	24.88	25.48	30.37	40.47	30.81	32.67	19.34	30.99	23.68	29.36
Coef Var	0.578	0.467	0.524	0.480	0.539	0.519	0.474	0.548	0.590	0.503	0.620	0.368	0.635	0.815	0.423
Log Mean	1.663	1.651	1.607	1.789	1.681	1.634	1.688	1.690	1.783	1.743	1.677	1.697	1.625	1.298	1.808
Geo Mean	46.02	44.81	40.44	61.57	48.01	43.09	48.79	48.93	60.61	55.38	47.55	49.73	42.18	19.87	64.25
Log StDv	0.224	0.184	0.206	0.190	0.201	0.195	0.189	0.215	0.212	0.190	0.180	0.141	0.228	0.448	0.176
Log CVar	0.135	0.111	0.128	0.106	0.119	0.119	0.112	0.127	0.119	0.109	0.107	0.083	0.140	0.345	0.097
Percntls															
Minimum	0.8	12.0	7.5	20.2	15.0	15.3	22.0	12.3	21.4	24.1	18.3	26.4	17.6	0.8	33.0
10th	26.4	27.2	23.5	35.2	27.5	24.7	28.7	26.7	30.3	34.8	32.1	34.0	20.0	4.2	33.0
20th	31.8	32.3	28.0	42.5	33.8	28.6	31.7	31.9	39.0	38.5	34.7	38.1	25.7	10.4	39.5
30th	35.9	36.3	31.9	48.7	36.7	33.5	36.0	39.4	46.9	41.8	36.6	39.5	30.3	13.2	56.9
40th	40.7	40.2	35.4	55.5	40.8	37.8	42.0	43.4	54.6	46.2	41.7	45.0	38.7	19.1	57.6
50th	45.4	43.6	39.0	60.2	45.1	40.4	47.7	45.9	64.4	48.5	44.1	48.0	41.7	25.4	61.0
60th	51.0	48.4	46.2	67.2	50.2	44.9	53.2	51.7	71.9	54.2	47.6	51.2	47.0	29.9	67.6
70th	58.0	52.9	51.7	76.8	57.9	51.4	63.6	55.4	76.3	64.2	56.8	60.6	55.8	32.7	71.8
80th	68.0	61.3	59.3	88.0	67.3	60.3	70.4	68.9	84.2	78.8	70.0	65.7	58.8	39.2	79.5
85th	74.5	68.3	65.0	94.3	75.7	70.0	74.0	84.9	91.3	93.2	71.5	65.9	65.4	50.2	79.5
90th	86.7	74.2	71.5	105.0	94.0	77.2	87.2	97.9	102.4	103.4	71.9	72.1	78.1	55.3	106.6
95th	107.9	98.9	85.4	128.5	115.2	95.5	109.0	122.0	122.9	135.9	89.0	74.7	107.9	58.1	106.6
98th	138.1	119.0	103.6	149.6	133.8	126.0	124.7	145.8	172.9	138.2	98.2	85.7	154.5	68.3	137.3
99th	155.6	138.2	121.9	157.1	163.7	129.2	130.0	145.8	172.9	154.6	240.3	138.1	162.3	117.0	137.3
Maximum	462.2	152.8	196.1	257.8	176.0	155.6	139.9	170.7	291.0	154.6	240.3	138.1	162.3	117.0	137.3

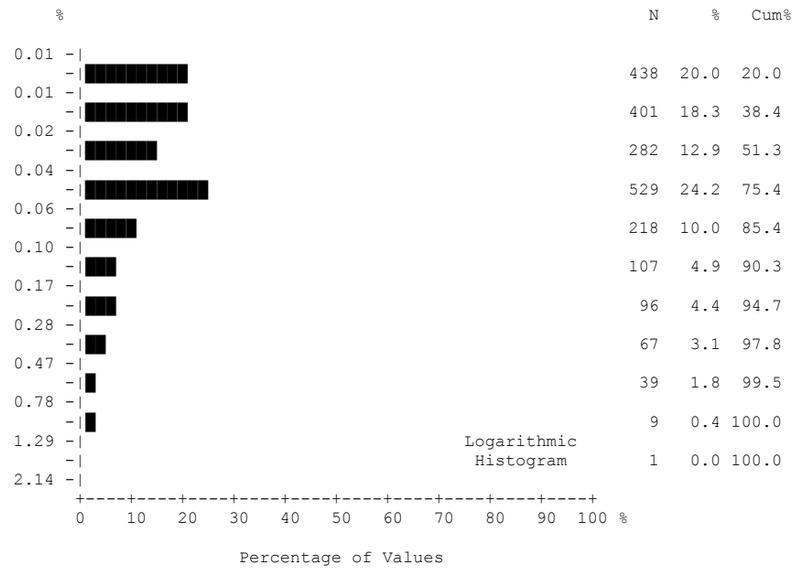
Strontium (Sr)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.5
analytical method : ICPMS

Strontium by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	1749	439	246	158	59	74	58	66	39	40	33	45	42	31	11
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	0.07	0.11	0.08	0.03	0.04	0.03	0.03	0.09	0.03	0.14	0.04	0.10	0.14	0.10	0.04
Median	0.03	0.05	0.04	0.02	0.02	0.03	0.02	0.05	0.02	0.05	0.03	0.06	0.08	0.03	0.04
Mode	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.02	0.03	0.02	0.02
Range	1.48	1.48	1.12	0.49	0.24	0.12	0.22	1.07	0.17	0.66	0.16	0.67	0.49	0.39	0.08
St Dev	0.12	0.16	0.15	0.04	0.04	0.03	0.03	0.14	0.03	0.19	0.04	0.14	0.13	0.11	0.03
Coef Var	1.670	1.394	1.755	1.351	1.226	0.834	0.996	1.616	0.914	1.337	0.990	1.349	0.914	1.168	0.617
Log Mean	-1.431	-1.206	-1.390	-1.694	-1.650	-1.612	-1.609	-1.288	-1.655	-1.225	-1.589	-1.228	-1.064	-1.276	-1.451
Geo Mean	0.04	0.06	0.04	0.02	0.02	0.02	0.02	0.05	0.02	0.06	0.03	0.06	0.09	0.05	0.04
Log StDv	0.445	0.446	0.468	0.322	0.400	0.333	0.346	0.404	0.317	0.593	0.343	0.431	0.451	0.470	0.302
Log CVar	-0.311	-0.370	-0.337	-0.190	-0.242	-0.206	-0.215	-0.314	-0.191	-0.484	-0.216	-0.351	-0.424	-0.369	-0.208
Percntls															
Minimum	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01
10th	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.02	0.02	0.02	0.01
20th	0.01	0.02	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.02	0.01	0.02	0.03	0.02	0.02
30th	0.02	0.03	0.02	0.01	0.01	0.01	0.01	0.03	0.01	0.03	0.01	0.03	0.04	0.02	0.02
40th	0.03	0.04	0.03	0.01	0.01	0.02	0.02	0.04	0.02	0.03	0.02	0.04	0.05	0.03	0.02
50th	0.03	0.05	0.04	0.02	0.02	0.03	0.02	0.05	0.02	0.05	0.03	0.06	0.08	0.03	0.04
60th	0.04	0.07	0.04	0.02	0.03	0.03	0.03	0.07	0.03	0.06	0.03	0.06	0.13	0.05	0.04
70th	0.06	0.09	0.06	0.03	0.04	0.04	0.04	0.08	0.03	0.13	0.03	0.09	0.18	0.09	0.05
80th	0.08	0.15	0.08	0.04	0.05	0.04	0.05	0.11	0.05	0.28	0.04	0.14	0.22	0.16	0.07
85th	0.10	0.20	0.11	0.04	0.06	0.05	0.06	0.13	0.05	0.37	0.06	0.15	0.27	0.23	0.07
90th	0.15	0.30	0.19	0.06	0.09	0.07	0.08	0.14	0.06	0.49	0.07	0.29	0.33	0.26	0.08
95th	0.30	0.45	0.35	0.08	0.12	0.10	0.10	0.24	0.06	0.57	0.12	0.29	0.39	0.32	0.08
98th	0.49	0.62	0.54	0.11	0.20	0.11	0.12	0.37	0.07	0.64	0.16	0.58	0.41	0.37	0.09
99th	0.61	0.67	0.80	0.14	0.24	0.12	0.12	0.37	0.07	0.67	0.17	0.69	0.50	0.40	0.09
Maximum	1.49	1.49	1.13	0.50	0.25	0.13	0.23	1.08	0.18	0.67	0.17	0.69	0.50	0.40	0.09

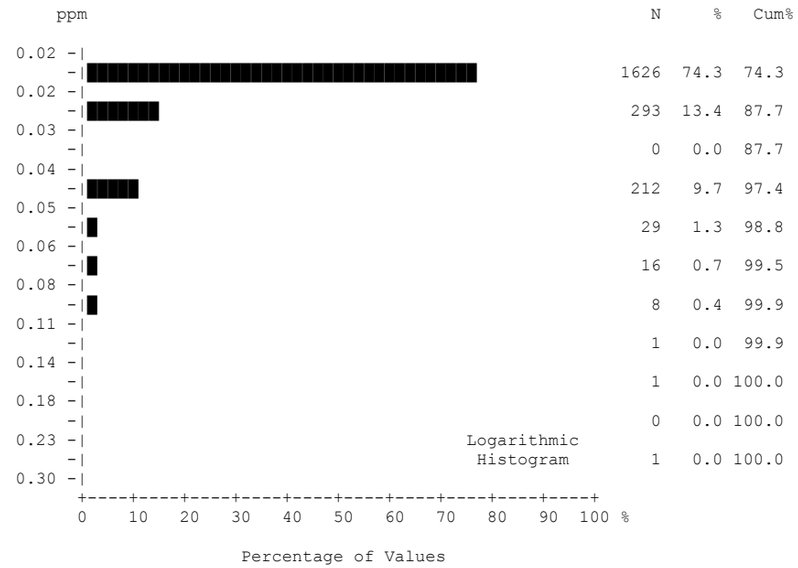
Sulphur (S)

Stream Sediment

number of values : 2187
units : %
detection limit : 0.01
analytical method : ICPMS

Sulphur by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	561	84	97	55	24	38	24	34	21	5	18	11	2	2	8
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	0.02	0.02	0.03	0.02	0.02	0.03	0.03	0.03	0.03	0.02	0.03	0.03	0.02	0.02	0.03
Median	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03
Mode	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Range	0.21	0.05	0.08	0.21	0.04	0.03	0.08	0.06	0.05	0.01	0.03	0.11	0.01	0.02	0.03
St Dev	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.02	0.00	0.00	0.01
Coef Var	0.473	0.336	0.454	0.606	0.320	0.318	0.504	0.453	0.431	0.145	0.343	0.801	0.104	0.186	0.323
Log Mean	-1.629	-1.652	-1.610	-1.650	-1.648	-1.620	-1.617	-1.555	-1.603	-1.681	-1.603	-1.600	-1.691	-1.684	-1.532
Geo Mean	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.03	0.02	0.02	0.03
Log StDv	0.135	0.108	0.148	0.117	0.107	0.119	0.150	0.171	0.150	0.054	0.132	0.207	0.038	0.061	0.141
Log CVar	-0.083	-0.065	-0.092	-0.071	-0.065	-0.074	-0.093	-0.110	-0.094	-0.032	-0.082	-0.129	-0.022	-0.036	-0.092
Percntls															
Minimum	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
10th	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
20th	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
30th	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
40th	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03
50th	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03
60th	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.03
70th	0.02	0.02	0.03	0.02	0.02	0.03	0.02	0.03	0.03	0.02	0.03	0.02	0.02	0.02	0.03
80th	0.03	0.02	0.03	0.02	0.03	0.03	0.03	0.04	0.03	0.02	0.03	0.03	0.02	0.02	0.04
85th	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.02	0.04	0.04	0.02	0.02	0.04
90th	0.04	0.03	0.04	0.03	0.03	0.04	0.04	0.05	0.04	0.02	0.04	0.05	0.02	0.02	0.04
95th	0.05	0.04	0.05	0.04	0.04	0.04	0.05	0.06	0.05	0.03	0.04	0.10	0.02	0.02	0.04
98th	0.06	0.05	0.06	0.04	0.05	0.05	0.05	0.07	0.06	0.03	0.05	0.10	0.03	0.03	0.05
99th	0.07	0.05	0.07	0.05	0.05	0.05	0.08	0.07	0.06	0.03	0.05	0.13	0.03	0.04	0.05
Maximum	0.23	0.07	0.10	0.23	0.06	0.05	0.10	0.08	0.07	0.03	0.05	0.13	0.03	0.04	0.05

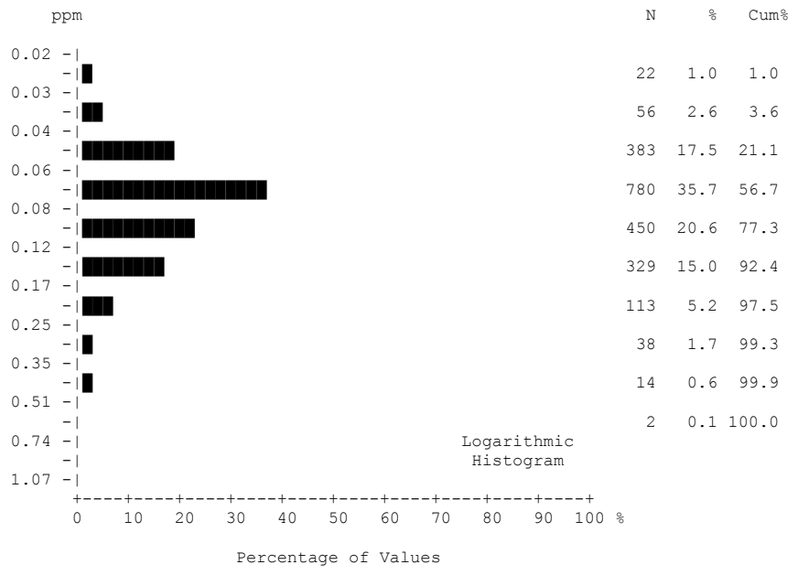
Tellurium (Te)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.02
analytical method : ICPMS

Tellurium by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2165	449	295	271	114	109	85	70	60	49	47	44	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	0.09	0.10	0.10	0.09	0.09	0.08	0.10	0.09	0.08	0.10	0.09	0.06	0.13	0.15	0.09
Median	0.08	0.08	0.09	0.08	0.07	0.08	0.08	0.08	0.07	0.08	0.07	0.06	0.12	0.14	0.08
Mode	0.06	0.06	0.06	0.07	0.05	0.06	0.07	0.06	0.05	0.07	0.06	0.04	0.12	0.09	0.05
Range	0.69	0.44	0.49	0.41	0.33	0.28	0.38	0.18	0.18	0.68	0.37	0.12	0.30	0.52	0.11
St Dev	0.06	0.06	0.06	0.05	0.06	0.05	0.06	0.04	0.04	0.09	0.06	0.03	0.06	0.10	0.04
Coef Var	0.619	0.590	0.573	0.613	0.683	0.581	0.597	0.454	0.477	0.949	0.685	0.398	0.497	0.689	0.426
Log Mean	-1.093	-1.078	-1.052	-1.107	-1.135	-1.147	-1.059	-1.111	-1.160	-1.072	-1.110	-1.230	-0.957	-0.897	-1.099
Geo Mean	0.08	0.08	0.09	0.08	0.07	0.07	0.09	0.08	0.07	0.08	0.08	0.06	0.11	0.13	0.08
Log StDv	0.220	0.223	0.204	0.216	0.236	0.243	0.203	0.192	0.191	0.200	0.228	0.167	0.244	0.235	0.172
Log CVar	-0.201	-0.207	-0.194	-0.195	-0.208	-0.212	-0.192	-0.173	-0.165	-0.186	-0.205	-0.136	-0.256	-0.262	-0.156
Percntls															
Minimum	0.02	0.02	0.02	0.02	0.02	0.02	0.04	0.03	0.02	0.03	0.03	0.02	0.03	0.04	0.05
10th	0.04	0.05	0.05	0.04	0.04	0.03	0.05	0.05	0.04	0.05	0.04	0.04	0.04	0.06	0.05
20th	0.05	0.06	0.06	0.05	0.05	0.04	0.06	0.05	0.05	0.07	0.05	0.04	0.07	0.08	0.05
30th	0.06	0.06	0.07	0.06	0.05	0.06	0.07	0.06	0.05	0.07	0.06	0.05	0.10	0.09	0.06
40th	0.07	0.07	0.08	0.07	0.06	0.06	0.08	0.07	0.06	0.08	0.06	0.05	0.11	0.11	0.07
50th	0.08	0.08	0.09	0.08	0.07	0.08	0.08	0.08	0.07	0.08	0.07	0.06	0.12	0.14	0.08
60th	0.09	0.09	0.10	0.09	0.08	0.08	0.09	0.09	0.08	0.09	0.08	0.06	0.14	0.15	0.08
70th	0.10	0.10	0.11	0.09	0.09	0.10	0.11	0.10	0.09	0.09	0.10	0.07	0.15	0.16	0.09
80th	0.12	0.12	0.13	0.11	0.11	0.11	0.12	0.12	0.10	0.10	0.12	0.08	0.16	0.18	0.10
85th	0.13	0.14	0.14	0.12	0.13	0.12	0.14	0.12	0.11	0.12	0.13	0.08	0.18	0.18	0.10
90th	0.15	0.16	0.16	0.14	0.15	0.14	0.15	0.13	0.12	0.13	0.14	0.10	0.18	0.18	0.15
95th	0.18	0.18	0.19	0.18	0.20	0.18	0.21	0.17	0.16	0.14	0.19	0.11	0.22	0.19	0.15
98th	0.26	0.27	0.23	0.27	0.26	0.21	0.27	0.19	0.18	0.15	0.20	0.13	0.28	0.43	0.16
99th	0.32	0.30	0.32	0.33	0.34	0.26	0.29	0.19	0.18	0.71	0.40	0.14	0.33	0.56	0.16
Maximum	0.71	0.46	0.51	0.43	0.35	0.30	0.42	0.21	0.20	0.71	0.40	0.14	0.33	0.56	0.16

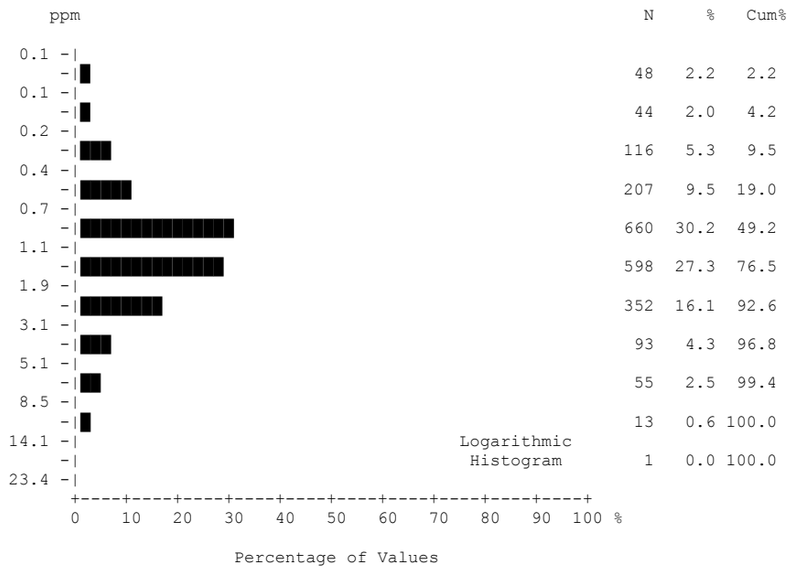
Thallium (Tl)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.02
analytical method : ICPMS

Thallium by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2139	438	293	274	115	112	85	69	61	47	47	42	32	31	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	1.51	1.17	1.39	1.59	1.50	0.91	1.61	0.94	1.97	1.42	0.90	1.08	1.71	2.55	0.98
Median	1.20	0.90	1.30	1.40	1.40	0.70	1.40	0.80	1.80	1.20	0.80	0.70	0.90	1.50	0.90
Mode	0.90	0.70	1.30	1.10	1.80	0.60	1.20	0.80	1.70	0.90	0.90	0.70	0.10	0.70	0.90
Range	14.2	9.2	5.2	6.4	3.5	2.7	6.5	6.9	6.0	2.9	1.8	5.9	10.3	10.1	1.0
St Dev	1.36	1.18	0.77	0.82	0.72	0.53	0.93	0.82	0.92	0.83	0.34	1.07	2.09	2.50	0.27
Coef Var	0.901	1.008	0.553	0.518	0.480	0.585	0.575	0.872	0.469	0.583	0.377	0.995	1.225	0.981	0.274
Log Mean	0.054	-0.081	0.073	0.151	0.129	-0.980	0.160	-0.104	0.253	0.049	-0.070	-0.140	-0.133	0.177	-0.025
Geo Mean	1.13	0.83	1.18	1.42	1.34	0.80	1.45	0.79	1.79	1.12	0.85	0.72	0.74	1.50	0.94
Log StDv	0.339	0.362	0.270	0.208	0.209	0.217	0.192	0.254	0.197	0.347	0.145	0.406	0.639	0.501	0.113
Log CVar	6.281	-4.530	3.692	1.389	1.631	-2.238	1.198	-2.446	0.781	7.226	-2.102	-2.901	-4.802	2.847	-4.700
Percntls															
Minimum	0.1	0.1	0.1	0.4	0.4	0.2	0.6	0.1	0.4	0.1	0.4	0.1	0.1	0.1	0.6
10th	0.5	0.3	0.6	0.8	0.8	0.5	0.9	0.4	1.0	0.4	0.6	0.2	0.1	0.2	0.6
20th	0.7	0.5	0.8	0.9	0.9	0.6	1.0	0.5	1.2	0.6	0.6	0.3	0.1	0.6	0.7
30th	0.8	0.6	1.0	1.1	1.1	0.6	1.2	0.7	1.5	0.9	0.7	0.5	0.2	0.9	0.9
40th	1.0	0.7	1.1	1.2	1.2	0.6	1.3	0.7	1.7	1.0	0.8	0.6	0.6	1.1	0.9
50th	1.2	0.9	1.3	1.4	1.4	0.7	1.4	0.8	1.8	1.2	0.8	0.7	0.9	1.5	0.9
60th	1.4	1.0	1.4	1.5	1.5	0.8	1.5	0.9	2.1	1.5	0.9	0.9	1.8	1.9	0.9
70th	1.6	1.2	1.6	1.9	1.8	1.0	1.8	1.0	2.3	2.0	0.9	1.3	1.9	2.7	1.0
80th	2.0	1.4	1.8	2.2	2.0	1.2	2.1	1.2	2.6	2.3	1.0	1.6	2.6	4.5	1.1
85th	2.3	1.6	2.0	2.4	2.2	1.3	2.2	1.3	2.7	2.4	1.2	1.6	3.3	4.6	1.1
90th	2.6	2.0	2.2	2.6	2.3	1.5	2.5	1.4	2.7	2.5	1.3	2.2	3.9	6.1	1.3
95th	3.9	3.6	2.6	3.0	2.6	2.3	2.8	1.7	3.1	2.9	1.6	2.7	5.5	6.4	1.3
98th	6.0	5.3	3.0	3.6	3.7	2.5	3.5	1.7	4.3	2.9	1.8	3.6	6.3	8.2	1.6
99th	7.3	5.8	4.9	3.8	3.8	2.8	5.1	1.7	4.3	3.0	2.2	6.0	10.4	10.2	1.6
Maximum	14.3	9.3	5.3	6.8	3.9	2.9	7.1	7.0	6.4	3.0	2.2	6.0	10.4	10.2	1.6

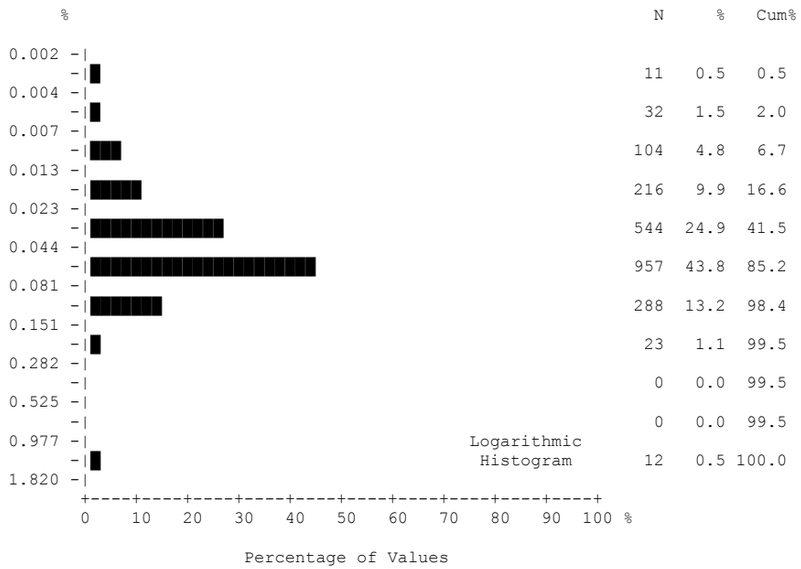
Thorium (Th)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.1
analytical method : ICPMS

Thorium by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	0.06	0.05	0.06	0.07	0.07	0.04	0.06	0.06	0.07	0.06	0.03	0.08	0.08	0.05	0.02
Median	0.05	0.05	0.05	0.06	0.06	0.04	0.05	0.05	0.06	0.06	0.02	0.05	0.04	0.04	0.03
Mode	0.04	0.04	0.05	0.04	0.03	0.01	0.05	0.02	0.07	0.02	0.01	0.07	0.00	0.03	0.03
Range	0.988	0.988	0.985	0.985	0.972	0.150	0.109	0.186	0.971	0.153	0.106	0.972	0.987	0.146	0.028
St Dev	0.08	0.07	0.06	0.07	0.09	0.03	0.02	0.04	0.12	0.03	0.03	0.14	0.20	0.03	0.01
Coef Var	1.306	1.296	1.059	0.981	1.360	0.747	0.318	0.603	1.721	0.567	0.979	1.842	2.659	0.606	0.365
Log Mean	-1.359	-1.399	-1.333	-1.258	-1.293	-1.499	-1.280	-1.310	-1.297	-1.324	-1.743	-1.278	-1.566	-1.406	-1.666
Geo Mean	0.04	0.04	0.05	0.06	0.05	0.03	0.05	0.05	0.05	0.05	0.02	0.05	0.03	0.04	0.02
Log StDv	0.322	0.318	0.295	0.301	0.306	0.335	0.182	0.274	0.302	0.339	0.420	0.299	0.550	0.281	0.184
Log CVar	-0.237	-0.227	-0.222	-0.240	-0.237	-0.223	-0.142	-0.210	-0.233	-0.256	-0.241	-0.234	-0.351	-0.200	-0.111
Percntls															
Minimum	0.002	0.002	0.005	0.005	0.008	0.007	0.004	0.009	0.009	0.004	0.003	0.008	0.003	0.007	0.009
10th	0.016	0.015	0.016	0.022	0.019	0.011	0.036	0.018	0.019	0.014	0.005	0.024	0.004	0.013	0.009
20th	0.027	0.025	0.031	0.030	0.031	0.014	0.043	0.029	0.030	0.027	0.007	0.034	0.007	0.022	0.013
30th	0.035	0.034	0.040	0.041	0.036	0.021	0.047	0.040	0.039	0.041	0.009	0.039	0.021	0.033	0.017
40th	0.042	0.040	0.049	0.051	0.041	0.028	0.051	0.045	0.052	0.051	0.013	0.044	0.027	0.036	0.022
50th	0.049	0.045	0.054	0.060	0.055	0.035	0.054	0.053	0.059	0.059	0.017	0.054	0.035	0.041	0.025
60th	0.056	0.051	0.060	0.069	0.067	0.041	0.058	0.059	0.064	0.062	0.020	0.064	0.041	0.047	0.026
70th	0.065	0.060	0.068	0.082	0.080	0.048	0.065	0.067	0.070	0.072	0.025	0.071	0.044	0.054	0.027
80th	0.075	0.069	0.074	0.094	0.091	0.059	0.070	0.078	0.076	0.080	0.050	0.075	0.051	0.065	0.029
85th	0.081	0.073	0.079	0.106	0.101	0.064	0.074	0.086	0.079	0.097	0.060	0.082	0.058	0.069	0.029
90th	0.090	0.079	0.083	0.115	0.107	0.086	0.079	0.097	0.084	0.104	0.071	0.094	0.064	0.078	0.033
95th	0.110	0.090	0.102	0.134	0.115	0.108	0.084	0.123	0.100	0.124	0.091	0.097	0.079	0.082	0.033
98th	0.134	0.113	0.119	0.191	0.124	0.129	0.092	0.163	0.131	0.125	0.093	0.100	0.980	0.087	0.037
99th	0.176	0.116	0.165	0.197	0.163	0.139	0.097	0.163	0.131	0.157	0.109	0.980	0.990	0.153	0.037
Maximum	0.990	0.990	0.990	0.990	0.980	0.157	0.113	0.195	0.980	0.157	0.109	0.980	0.990	0.153	0.037

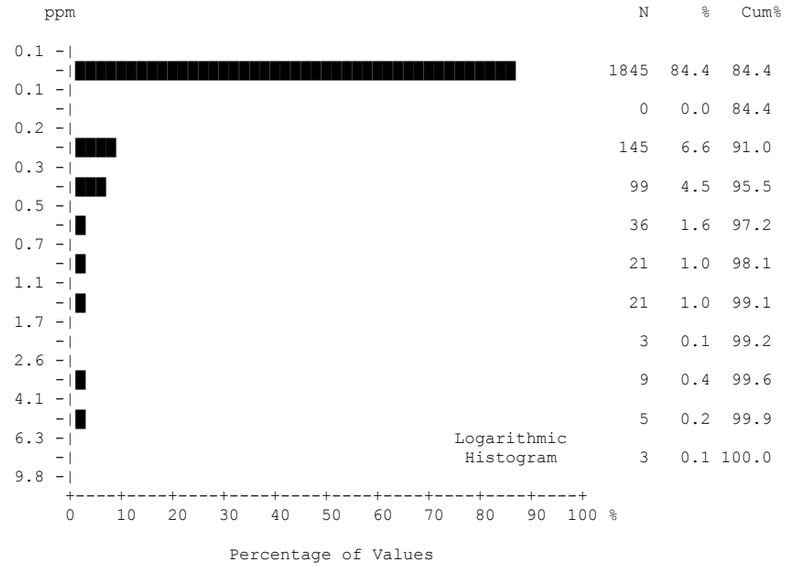
Titanium (Ti)

Stream Sediment

number of values : 2187
units : %
detection limit : 0.001
analytical method : ICPMS

Titanium by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	342	95	36	14	13	8	12	6	4	3	1	19	14	8	1
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	0.18	0.25	0.18	0.11	0.14	0.11	0.17	0.20	0.12	0.11	0.11	0.22	0.22	0.35	0.11
Median	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Mode	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Range	8.8	8.8	8.6	0.5	1.9	0.3	2.7	5.9	1.1	0.2	0.4	1.0	1.3	4.2	0.1
St Dev	0.44	0.69	0.53	0.05	0.19	0.05	0.32	0.71	0.14	0.04	0.06	0.22	0.31	0.81	0.03
Coef Var	2.477	2.811	2.981	0.457	1.365	0.466	1.941	3.462	1.151	0.382	0.538	1.023	1.409	2.283	0.266
Log Mean	-0.910	-0.873	-0.923	-0.977	-0.939	-0.968	-0.921	-0.935	-0.965	-0.974	-0.985	-0.794	-0.830	-0.802	-0.975
Geo Mean	0.12	0.13	0.12	0.11	0.12	0.11	0.12	0.12	0.11	0.11	0.10	0.16	0.15	0.16	0.11
Log StDv	0.250	0.315	0.245	0.105	0.193	0.119	0.238	0.256	0.158	0.103	0.102	0.295	0.309	0.416	0.087
Log CVar	-0.274	-0.362	-0.266	-0.107	-0.206	-0.123	-0.259	-0.274	-0.164	-0.106	-0.104	-0.372	-0.373	-0.519	-0.089
Percntls															
Minimum	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10th	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20th	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
30th	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
40th	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
50th	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
60th	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1
70th	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1
80th	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.1
85th	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.3	0.1
90th	0.2	0.3	0.2	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.5	0.3	0.4	0.1
95th	0.4	0.7	0.4	0.1	0.3	0.2	0.3	0.4	0.2	0.2	0.1	0.8	1.2	1.3	0.1
98th	1.0	1.8	1.0	0.3	0.4	0.3	0.6	0.5	0.3	0.3	0.1	0.8	1.3	1.8	0.2
99th	1.4	3.2	1.1	0.3	0.5	0.4	1.3	0.5	0.3	0.3	0.5	1.1	1.4	4.3	0.2
Maximum	8.9	8.9	8.7	0.6	2.0	0.4	2.8	6.0	1.2	0.3	0.5	1.1	1.4	4.3	0.2

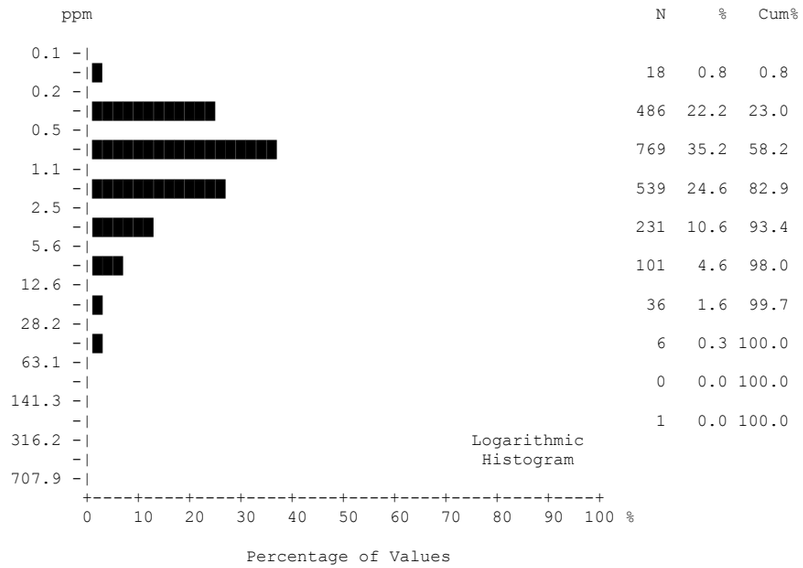
Tungsten (W)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.1
analytical method : ICPMS

Tungsten by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2183	456	298	274	115	112	85	70	61	49	47	44	42	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	2.10	1.40	1.83	1.41	1.94	0.72	2.06	0.85	2.30	1.43	0.59	1.57	3.05	9.71	1.74
Median	0.90	0.90	0.90	0.90	1.20	0.50	1.20	0.50	1.20	1.10	0.40	1.10	2.70	4.90	1.30
Mode	0.40	0.60	0.60	0.70	0.80	0.40	0.40	0.30	1.20	0.50	0.30	1.10	0.90	1.50	1.30
Range	283.2	27.5	26.6	10.0	19.8	5.1	29.8	8.8	33.3	5.1	2.1	8.9	20.5	60.2	3.6
St Dev	7.01	2.08	3.39	1.40	2.29	0.67	3.57	1.32	4.32	1.15	0.44	1.66	3.49	12.90	1.08
Coef Var	3.329	1.487	1.857	0.988	1.182	0.924	1.735	1.547	1.878	0.801	0.755	1.056	1.142	1.329	0.620
Log Mean	0.049	-0.017	0.020	0.028	0.145	-0.228	0.116	-0.234	0.153	0.047	-0.311	0.044	0.293	0.616	0.175
Geo Mean	1.12	0.96	1.05	1.07	1.40	0.59	1.31	0.58	1.42	1.11	0.49	1.11	1.96	4.13	1.50
Log StDv	0.406	0.328	0.379	0.301	0.323	0.238	0.361	0.307	0.368	0.308	0.243	0.360	0.439	0.632	0.245
Log CVar	8.451	-19.289	19.972	10.747	2.240	-1.049	3.110	-1.311	2.405	6.701	-0.784	8.178	1.502	1.028	1.398
Percntls															
Minimum	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.4	0.3	0.2	0.1	0.1	0.4	0.6
10th	0.4	0.4	0.4	0.5	0.7	0.3	0.5	0.3	0.4	0.5	0.3	0.5	0.4	0.5	0.6
20th	0.5	0.5	0.5	0.6	0.8	0.4	0.6	0.3	0.7	0.5	0.3	0.7	0.9	0.8	0.8
30th	0.6	0.6	0.6	0.7	0.9	0.4	0.8	0.4	0.9	0.8	0.3	0.8	1.1	1.5	1.3
40th	0.8	0.7	0.7	0.8	1.0	0.5	1.0	0.4	1.2	0.9	0.4	0.9	1.8	2.0	1.3
50th	0.9	0.9	0.9	0.9	1.2	0.5	1.2	0.5	1.2	1.1	0.4	1.1	2.7	4.9	1.3
60th	1.2	1.0	1.1	1.1	1.4	0.6	1.5	0.5	1.5	1.3	0.4	1.1	3.0	7.5	1.4
70th	1.5	1.3	1.4	1.4	1.9	0.7	1.9	0.6	2.0	1.4	0.6	1.5	3.2	10.0	1.8
80th	2.2	1.6	1.9	1.9	2.7	0.8	2.4	0.9	2.7	1.9	0.8	1.9	3.5	17.4	2.0
85th	2.9	1.9	2.4	2.1	3.1	1.0	2.8	1.1	3.2	2.0	0.9	2.0	4.0	18.6	2.0
90th	4.0	2.5	3.2	2.6	3.6	1.2	3.8	1.3	4.2	2.6	1.1	3.4	5.3	24.1	3.5
95th	6.7	4.4	5.9	3.9	5.7	1.7	4.3	2.5	5.5	4.4	1.4	4.6	7.6	24.8	3.5
98th	12.1	7.0	13.6	6.3	7.1	2.6	5.6	6.7	6.3	4.7	2.0	6.6	12.1	37.9	4.2
99th	20.1	8.2	22.2	7.4	9.1	3.7	14.4	6.7	6.3	5.4	2.3	9.0	20.6	60.6	4.2
Maximum	283.3	27.7	26.9	10.3	20.1	5.4	30.1	9.0	33.7	5.4	2.3	9.0	20.6	60.6	4.2

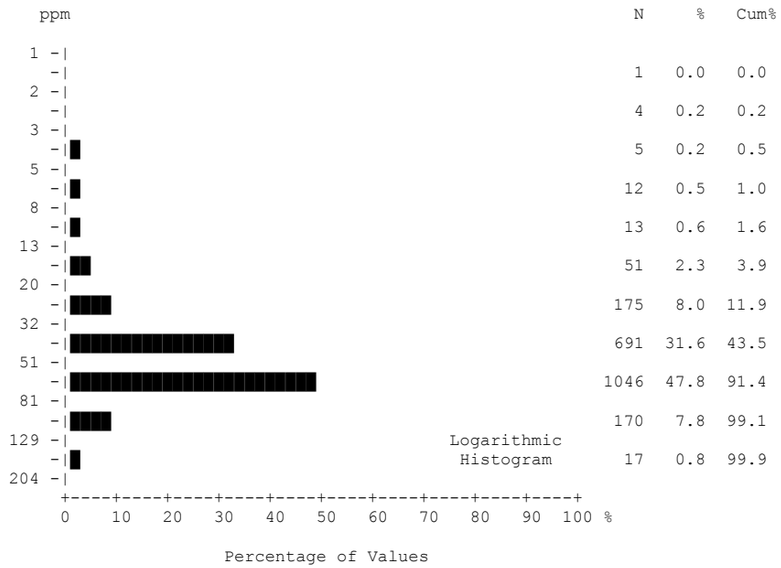
Uranium (U)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.1
analytical method : ICPMS

Uranium by ICPMS

Summary Statistics - Stream Sites



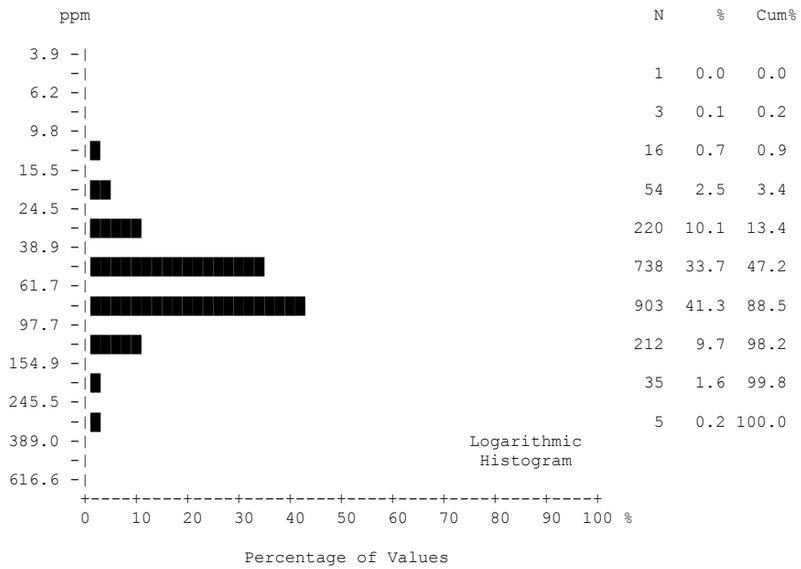
	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2186	456	298	274	115	112	85	70	61	49	47	45	42	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	55.5	55.5	50.0	65.0	50.0	60.0	61.6	52.4	63.8	46.1	51.4	65.2	45.5	28.7	63.0
Median	54.0	55.0	50.0	63.0	47.0	57.0	59.0	51.0	61.0	48.0	48.0	69.0	49.0	28.0	64.0
Mode	46.0	51.0	46.0	59.0	43.0	55.0	52.0	58.0	50.0	46.0	49.0	70.0	6.0	40.0	62.0
Range	217	163	130	161	67	103	97	86	146	62	165	141	97	52	27
St Dev	21.90	23.01	18.88	18.30	14.37	18.56	19.96	16.67	23.67	14.95	24.25	30.05	26.97	15.34	8.09
Coef Var	0.395	0.415	0.378	0.281	0.287	0.309	0.324	0.318	0.371	0.324	0.472	0.461	0.593	0.534	0.128
Log Mean	1.706	1.695	1.663	1.797	1.681	1.760	1.768	1.695	1.784	1.635	1.682	1.756	1.524	1.387	1.796
Geo Mean	50.8	49.5	46.0	62.7	47.9	57.6	58.6	49.5	60.8	43.1	48.1	57.0	33.4	24.4	62.5
Log StDv	0.202	0.239	0.189	0.117	0.131	0.123	0.139	0.155	0.129	0.175	0.148	0.254	0.422	0.269	0.058
Log CVar	0.118	0.141	0.114	0.065	0.078	0.070	0.079	0.091	0.072	0.107	0.088	0.145	0.277	0.194	0.032
Percntls															
Minimum	2	3	7	26	18	33	26	12	34	14	21	6	2	7	48
10th	30	27	26	45	32	40	39	32	43	20	33	28	6	9	48
20th	39	36	34	52	38	45	46	38	49	34	38	34	20	11	52
30th	45	44	41	56	42	50	52	43	51	41	43	48	28	20	62
40th	50	50	46	60	43	53	54	48	56	46	47	56	43	22	62
50th	54	55	50	63	47	57	59	51	61	48	48	69	49	28	64
60th	59	61	54	67	53	61	64	55	64	50	49	71	52	32	64
70th	64	66	59	71	58	65	70	59	66	53	54	78	57	36	66
80th	70	73	64	77	63	68	73	63	71	57	55	85	65	40	69
85th	74	76	66	81	66	75	75	69	75	59	57	89	69	40	69
90th	79	80	69	85	70	83	86	73	84	63	62	102	85	50	71
95th	89	89	78	91	73	92	106	84	96	70	91	116	93	58	71
98th	112	110	89	107	81	114	113	89	145	71	96	123	99	59	75
99th	123	123	112	117	83	120	118	89	145	76	186	147	99	59	75
Maximum	219	166	137	187	85	136	123	98	180	76	186	147	99	59	75

Vanadium (V)
Stream Sediment

number of values : 2187
units : ppm
detection limit : 2
analytical method : ICPMS

Vanadium by ICPMS

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	lmJHz	MJqd	PJKu	uKKs	LTQCh	lKSk	lJCl	KTpg	EKgd	TrJdr
N	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
N > DL	2187	456	298	274	115	112	85	70	61	49	47	45	43	32	12
Missing	88	8	11	14	16	8	1	4	0	1	1	1	3	4	0
Mean	67.41	66.27	74.10	71.99	61.04	85.71	64.29	76.46	65.61	68.95	81.45	44.70	63.46	47.53	88.72
Median	63.10	61.90	66.80	69.70	58.90	80.40	59.30	68.80	62.90	63.90	77.20	44.40	64.80	43.60	85.00
Mode	45.90	50.90	47.60	69.70	61.30	61.00	46.50	62.00	54.50	58.60	77.20	27.30	16.00	9.80	28.20
Range	377.6	376.7	224.2	357.0	161.3	127.4	179.6	170.6	98.2	160.4	103.4	60.4	117.8	119.7	100.5
St Dev	31.75	36.40	35.91	29.57	23.32	22.85	27.47	30.59	19.79	29.14	19.89	14.11	29.94	27.47	27.27
Coef Var	0.471	0.549	0.485	0.411	0.382	0.267	0.427	0.400	0.302	0.423	0.244	0.316	0.472	0.578	0.307
Log Mean	1.786	1.767	1.825	1.831	1.757	1.919	1.779	1.856	1.799	1.799	1.899	1.626	1.743	1.605	1.922
Geo Mean	61.12	58.47	66.88	67.78	57.12	83.07	60.15	71.77	62.92	62.95	79.23	42.31	55.33	40.32	83.56
Log StDv	0.197	0.226	0.198	0.147	0.160	0.107	0.152	0.151	0.125	0.202	0.103	0.152	0.248	0.264	0.173
Log CVar	0.110	0.128	0.108	0.080	0.091	0.056	0.085	0.082	0.070	0.112	0.054	0.094	0.142	0.164	0.090
Percntls															
Minimum	4.1	4.1	13.6	24.7	16.2	50.2	28.0	23.5	31.7	8.3	45.9	12.9	16.0	9.8	28.2
10th	35.8	30.8	38.6	42.8	36.7	62.0	39.7	46.7	46.3	40.8	61.9	27.3	19.5	15.0	28.2
20th	44.7	43.3	47.8	52.2	42.6	66.9	45.2	57.9	48.5	48.7	63.6	32.4	29.3	21.6	68.4
30th	50.9	49.0	55.1	59.0	48.6	71.1	50.2	62.0	52.9	55.7	69.8	36.9	51.7	31.0	76.1
40th	57.3	55.3	60.5	63.4	54.1	75.2	54.5	63.4	59.0	61.0	73.0	39.1	57.0	38.6	80.5
50th	63.1	61.9	66.8	69.7	58.9	80.4	59.3	68.8	62.9	63.9	77.2	44.4	64.8	43.6	85.0
60th	69.0	67.7	74.0	74.9	62.9	85.7	62.8	74.2	64.5	67.3	86.8	47.1	69.0	47.2	86.6
70th	76.1	75.0	81.9	80.0	67.2	94.4	68.0	81.9	69.9	73.2	88.7	51.6	74.5	52.5	100.7
80th	86.5	86.3	94.4	87.2	71.5	103.1	76.8	87.7	79.9	84.1	93.7	58.0	87.2	61.6	114.2
85th	92.2	93.2	99.3	90.9	81.5	105.5	84.2	95.3	91.6	89.8	97.7	59.0	95.2	67.3	114.2
90th	100.7	99.4	113.7	96.9	86.9	114.0	92.5	103.0	96.7	98.6	103.6	65.2	102.0	78.7	117.6
95th	115.8	112.2	145.0	110.4	103.7	117.3	105.2	150.8	101.1	134.8	115.4	69.2	111.8	81.3	117.6
98th	150.8	142.4	191.2	132.0	121.9	148.1	126.7	180.5	104.6	152.2	125.2	71.3	121.3	117.2	128.7
99th	180.5	203.5	213.0	163.9	124.8	170.6	172.0	180.5	104.6	168.7	149.3	73.3	133.8	129.5	128.7
Maximum	381.7	380.8	237.8	381.7	177.5	177.6	207.6	194.1	129.9	168.7	149.3	73.3	133.8	129.5	128.7

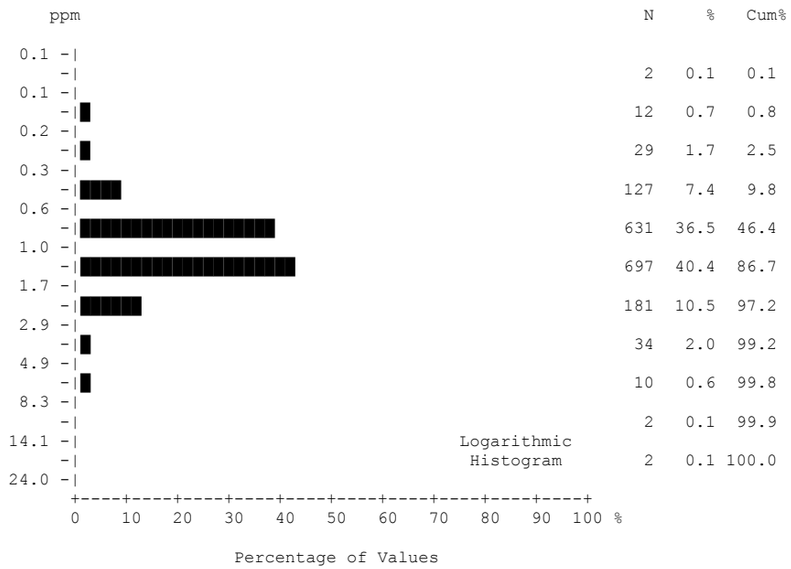
Zinc (Zn)

Stream Sediment

number of values : 2187
units : ppm
detection limit : 0.1
analytical method : ICPMS

Zinc by ICPMS

Summary Statistics - Stream Sites



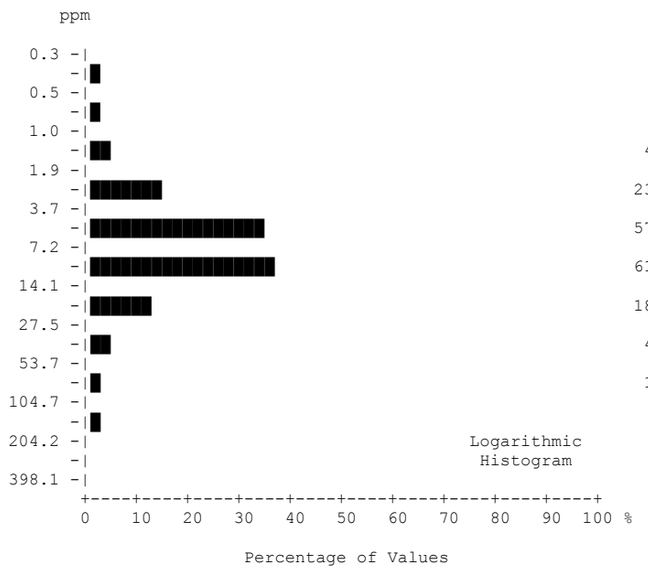
	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	lmJHz	PJKu	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1725	315	239	195	87	85	70	70	52	45	38	28	14	12
Missing	548	149	69	93	43	1	50	4	9	1	10	8	36	0
Mean	1.16	1.39	1.18	1.03	0.95	0.90	1.29	1.33	1.29	1.48	1.22	1.06	1.02	0.83
Median	1.00	1.10	0.90	1.00	0.90	0.80	1.30	1.10	1.10	1.50	1.20	0.80	1.10	0.80
Mode	0.90	0.70	0.90	0.90	0.60	0.80	1.50	0.80	0.80	1.60	1.20	0.80	1.10	0.80
Range	20.6	15.6	20.6	3.3	2.1	1.2	3.2	5.9	4.9	2.4	1.4	2.3	1.2	1.8
St Dev	0.98	1.19	1.60	0.45	0.37	0.27	0.53	0.88	0.89	0.44	0.36	0.71	0.35	0.48
Coef Var	0.841	0.857	1.362	0.438	0.388	0.306	0.409	0.665	0.693	0.301	0.295	0.667	0.340	0.578
Log Mean	-0.002	0.062	-0.026	-0.025	-0.058	-0.067	0.072	0.064	0.050	0.145	0.064	-0.064	-0.026	-0.132
Geo Mean	1.00	1.15	0.94	0.94	0.88	0.86	1.18	1.16	1.12	1.40	1.16	0.86	0.94	0.74
Log StDv	0.227	0.250	0.239	0.188	0.189	0.130	0.190	0.211	0.210	0.159	0.142	0.284	0.202	0.202
Log CVar	-226.687	4.102	-9.200	-7.504	-3.312	-1.974	2.645	3.353	4.281	1.096	2.261	-4.436	-8.084	-1.539
Percntls														
Minimum	0.1	0.2	0.1	0.3	0.1	0.4	0.3	0.4	0.5	0.3	0.5	0.3	0.3	0.4
10th	0.6	0.6	0.5	0.5	0.6	0.6	0.7	0.7	0.6	1.0	0.7	0.4	0.3	0.4
20th	0.7	0.7	0.7	0.7	0.6	0.7	0.8	0.8	0.8	1.1	0.9	0.5	0.8	0.4
30th	0.8	0.9	0.8	0.8	0.7	0.7	0.9	0.9	0.8	1.3	1.0	0.5	0.8	0.6
40th	0.9	1.0	0.9	0.9	0.8	0.8	1.1	1.0	1.0	1.3	1.1	0.7	1.1	0.6
50th	1.0	1.1	0.9	1.0	0.9	0.8	1.3	1.1	1.1	1.5	1.2	0.8	1.1	0.8
60th	1.1	1.3	1.0	1.1	1.0	0.9	1.4	1.2	1.2	1.6	1.3	0.8	1.1	0.8
70th	1.2	1.5	1.1	1.2	1.1	1.0	1.5	1.4	1.3	1.6	1.4	1.1	1.2	0.8
80th	1.4	1.7	1.2	1.4	1.2	1.1	1.7	1.7	1.4	1.8	1.5	2.0	1.3	0.9
85th	1.6	1.9	1.3	1.5	1.3	1.2	1.9	1.7	1.5	1.9	1.6	2.1	1.3	0.9
90th	1.8	2.3	1.5	1.5	1.4	1.3	1.9	2.2	2.1	2.0	1.7	2.1	1.3	1.0
95th	2.2	3.0	2.3	1.7	1.6	1.5	2.0	2.6	2.2	2.1	1.8	2.3	1.3	1.0
98th	3.2	3.9	4.0	2.1	1.7	1.6	2.3	3.8	4.2	2.3	1.8	2.3	1.5	2.2
99th	4.2	5.0	6.2	2.4	2.0	1.6	2.3	3.8	4.2	2.7	1.9	2.6	1.5	2.2
Maximum	20.7	15.8	20.7	3.6	2.2	1.6	3.5	6.3	5.4	2.7	1.9	2.6	1.5	2.2

Antimony (Sb)
Stream Sediment

number of values : 1727
units : ppm
detection limit : 0.1
analytical method : INAA

Antimony by INAA

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	lmJHz	PJKu	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1723	314	239	195	87	85	70	70	52	45	38	28	14	12
Missing	548	149	69	93	43	1	50	4	9	1	10	8	36	0
Mean	10.03	9.15	11.43	8.79	6.99	6.20	13.78	17.19	8.85	8.26	12.98	24.86	6.32	11.60
Median	7.20	7.30	7.30	7.60	5.80	6.00	12.00	10.00	6.60	7.50	13.00	5.40	4.60	9.40
Mode	10.00	10.00	10.00	11.00	12.00	6.00	12.00	11.00	11.00	10.00	13.00	3.00	2.20	1.60
Range	372.5	76.2	372.5	48.9	21.5	13.9	37.5	189.7	43.2	24.5	27.0	249.4	16.8	29.4
St Dev	15.59	7.92	26.15	6.79	4.18	2.68	7.83	26.03	7.78	4.50	5.83	55.03	4.25	7.56
Coef Var	1.554	0.865	2.288	0.773	0.599	0.433	0.568	1.514	0.879	0.544	0.449	2.214	0.672	0.652
Log Mean	0.859	0.855	0.874	0.861	0.767	0.752	1.081	1.072	0.858	0.854	1.068	0.842	0.731	0.972
Geo Mean	7.22	7.17	7.48	7.26	5.85	5.64	12.04	11.80	7.21	7.14	11.70	6.95	5.39	9.38
Log StDv	0.321	0.303	0.332	0.261	0.273	0.193	0.224	0.313	0.251	0.248	0.208	0.641	0.247	0.324
Log CVar	0.374	0.354	0.380	0.303	0.356	0.257	0.207	0.292	0.292	0.290	0.195	0.762	0.338	0.333
Percntls														
Minimum	0.5	0.5	0.5	1.7	0.5	2.1	3.5	3.3	2.8	1.5	4.0	0.6	2.2	1.6
10th	2.9	2.7	3.1	3.4	2.4	2.9	5.6	5.6	3.7	4.0	5.4	1.3	2.2	1.6
20th	4.1	4.2	4.0	4.2	3.5	3.8	8.1	7.1	4.5	4.3	8.7	2.5	3.7	4.6
30th	5.2	5.4	5.7	5.4	4.3	4.7	9.0	7.7	5.1	5.2	9.3	2.7	4.1	8.3
40th	6.3	6.3	6.6	6.6	5.2	5.4	10.0	8.8	6.2	6.1	11.0	3.0	4.6	9.3
50th	7.2	7.3	7.3	7.6	5.8	6.0	12.0	10.0	6.6	7.5	13.0	5.4	4.6	9.4
60th	8.4	8.5	8.3	8.5	7.0	6.5	13.0	11.0	7.5	9.3	13.0	7.7	5.4	11.0
70th	10.0	10.0	9.5	10.0	7.9	7.3	15.0	14.0	8.7	10.0	15.0	10.0	6.5	12.0
80th	12.0	12.0	13.0	11.0	9.2	8.1	19.0	19.0	11.0	11.0	17.0	18.0	7.6	16.0
85th	14.0	14.0	14.0	12.0	12.0	8.4	21.0	21.0	11.0	12.0	18.0	30.0	7.8	16.0
90th	17.0	16.0	17.0	15.0	12.0	9.2	22.0	26.0	12.0	14.0	19.0	53.5	10.0	17.0
95th	23.0	20.0	25.0	17.0	15.0	10.0	34.0	44.0	23.0	15.0	21.0	165.0	10.0	17.0
98th	38.0	34.0	37.0	26.0	17.0	12.0	37.0	103.0	33.0	15.0	26.0	165.0	19.0	31.0
99th	64.7	40.0	100.0	48.0	19.0	15.0	37.0	103.0	33.0	26.0	31.0	250.0	19.0	31.0
Maximum	373.0	76.7	373.0	50.6	22.0	16.0	41.0	193.0	46.0	26.0	31.0	250.0	19.0	31.0

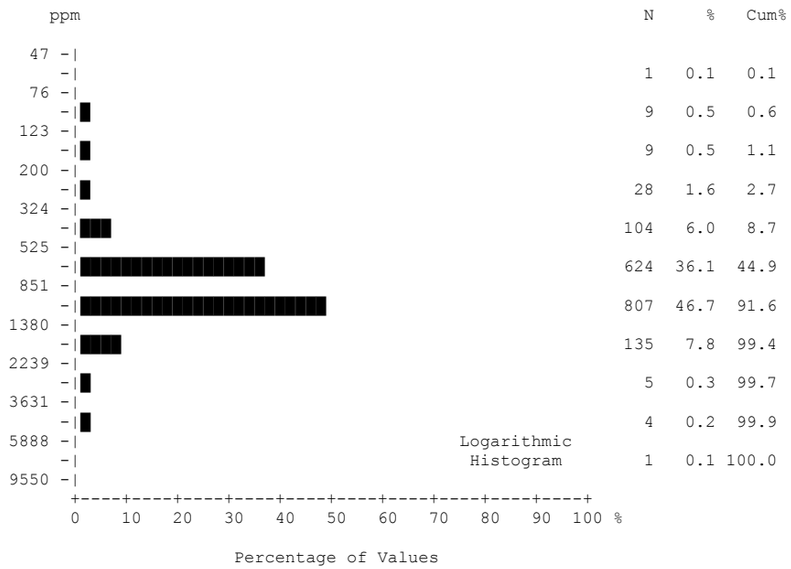
Arsenic (As)

Stream Sediment

number of values	: 1727
units	: ppm
detection limit	: 0.5
analytical method	: INAA

Arsenic by INAA

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	lmJHz	PJKu	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
Missing	548	149	69	93	43	1	50	4	9	1	10	8	36	0
Mean	916.9	1054.5	888.5	898.9	763.8	825.9	983.4	786.0	903.8	1291.1	962.9	771.1	809.3	673.3
Median	880.0	1100.0	820.0	900.0	750.0	810.0	940.0	790.0	880.0	1300.0	950.0	780.0	810.0	660.0
Mode	1100.0	1100.0	1100.0	1100.0	1000.0	860.0	1100.0	1200.0	1100.0	1300.0	1000.0	730.0	1000.0	660.0
Range	7932	4190	4606	1130	980	1130	1110	1110	760	1580	410	1200	1080	680
St Dev	399.12	439.10	488.86	187.02	210.51	191.77	196.14	243.18	158.96	366.75	100.70	288.65	290.95	176.14
Coef Var	0.435	0.416	0.550	0.208	0.276	0.232	0.199	0.309	0.176	0.284	0.105	0.374	0.360	0.262
Log Mean	2.928	2.980	2.905	2.944	2.865	2.906	2.985	2.872	2.949	3.084	2.981	2.840	2.877	2.816
Geo Mean	847.2	955.7	803.7	879.4	733.1	804.8	965.0	745.5	888.3	1212.1	957.9	691.1	753.3	654.0
Log StDv	0.181	0.214	0.197	0.092	0.129	0.990	0.085	0.148	0.085	0.180	0.045	0.242	0.180	0.108
Log CVar	0.062	0.072	0.068	0.031	0.045	0.034	0.029	0.052	0.029	0.059	0.015	0.085	0.063	0.038
Percntls														
Minimum	58	110	94	470	220	470	490	290	440	220	790	100	320	420
10th	550	580	520	670	500	580	810	430	740	890	850	330	320	420
20th	660	710	630	740	570	670	840	570	770	1100	870	590	440	480
30th	740	830	720	800	650	730	870	660	850	1200	890	660	690	600
40th	820	950	770	860	700	770	920	720	860	1300	920	730	770	610
50th	880	1100	820	900	750	810	940	790	880	1300	950	780	810	660
60th	940	1100	900	940	800	860	1000	860	910	1400	1000	870	850	660
70th	1000	1200	970	990	910	910	1000	900	1000	1500	1000	920	920	670
80th	1100	1300	1100	1000	940	940	1100	960	1100	1500	1000	930	1000	780
85th	1200	1400	1100	1100	1000	980	1200	1000	1100	1700	1100	1100	1000	780
90th	1300	1500	1200	1100	1000	1100	1200	1100	1100	1700	1100	1100	1100	840
95th	1500	1700	1300	1200	1100	1200	1400	1200	1100	1800	1100	1200	1100	840
98th	1700	1800	2000	1300	1200	1200	1500	1300	1100	1800	1200	1200	1400	1100
99th	1800	2000	4000	1400	1200	1200	1500	1300	1100	1800	1200	1300	1400	1100
Maximum	7990	4300	4700	1600	1200	1600	1600	1400	1200	1800	1200	1300	1400	1100

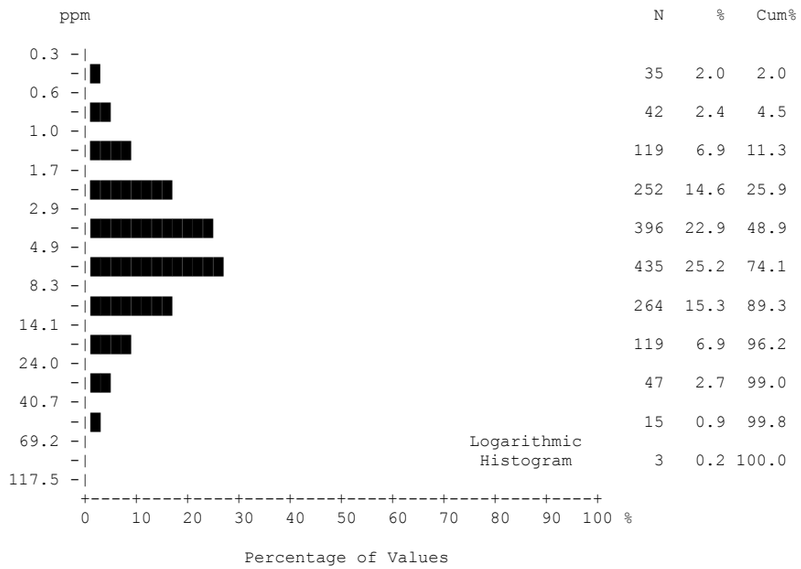
Barium (Ba)

Stream Sediment

number of values	: 1727
units	: ppm
detection limit	: 50
analytical method	: INAA

Barium by INAA

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	lmJHz	PJKu	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1692	313	228	195	85	85	70	70	52	45	37	27	11	12
Missing	548	149	69	93	43	1	50	4	9	1	10	8	36	0
Mean	7.25	8.58	7.37	5.56	6.47	6.10	6.11	11.06	6.17	9.07	3.75	7.76	8.10	10.81
Median	4.90	5.90	5.20	4.30	4.20	4.60	5.00	6.80	4.60	6.00	3.40	4.20	3.60	7.40
Mode	11.00	11.00	0.50	4.30	3.40	3.80	7.10	2.50	4.10	1.80	1.60	2.00	0.50	14.00
Range	93.4	65.9	90.5	31.3	25.5	20.2	23.4	70.9	25.1	31.2	9.5	25.5	62.5	25.0
St Dev	8.04	9.16	8.89	4.52	5.84	4.58	4.40	14.14	5.34	7.79	2.25	7.67	16.10	6.83
Coef Var	1.110	1.067	1.207	0.813	0.901	0.750	0.721	1.279	0.865	0.859	0.601	0.989	1.988	0.632
Log Mean	0.687	0.751	0.674	0.635	0.656	0.684	0.698	0.805	0.655	0.801	0.484	0.687	0.497	0.959
Geo Mean	4.86	5.63	4.72	4.32	4.53	4.83	4.99	6.38	4.52	6.33	3.05	4.87	3.14	9.09
Log StDv	0.391	0.408	0.424	0.309	0.379	0.297	0.280	0.451	0.348	0.390	0.310	0.445	0.589	0.270
Log CVar	0.569	0.544	0.629	0.487	0.578	0.434	0.402	0.560	0.531	0.487	0.640	0.648	1.188	0.282
Percntls														
Minimum	0.5	0.5	0.5	0.7	0.5	0.8	0.6	0.8	0.9	0.8	0.5	0.5	0.5	3.0
10th	1.6	1.5	1.3	1.6	1.8	2.1	2.4	1.6	1.4	1.8	0.9	1.2	0.5	3.0
20th	2.4	2.7	2.2	2.3	2.3	2.8	3.0	2.5	2.1	2.7	1.6	2.0	0.5	4.7
30th	3.2	3.7	3.0	3.0	2.8	3.6	3.7	3.4	2.8	4.2	2.6	2.8	1.4	6.3
40th	4.0	4.7	3.9	3.8	3.4	4.0	4.3	4.4	4.0	5.2	3.1	3.7	2.0	6.4
50th	4.9	5.9	5.2	4.3	4.2	4.6	5.0	6.8	4.6	6.0	3.4	4.2	3.6	7.4
60th	6.2	7.2	6.4	5.4	5.3	5.4	6.0	8.1	5.8	8.1	3.9	5.7	4.1	12.0
70th	7.6	9.3	7.8	6.5	6.8	6.5	6.6	10.0	6.1	11.0	4.2	7.0	5.9	13.0
80th	10.0	11.0	11.0	7.7	10.0	8.1	7.7	15.0	8.7	14.0	5.1	12.0	6.9	14.0
85th	12.0	14.0	12.0	8.5	12.0	10.0	8.3	19.0	10.0	18.0	5.4	20.0	9.0	14.0
90th	15.0	19.0	14.0	10.0	16.0	14.0	10.0	24.0	13.0	20.0	6.1	21.0	10.0	15.0
95th	21.0	24.0	21.0	14.0	20.0	18.0	15.0	47.0	16.0	24.0	8.4	24.0	10.0	15.0
98th	28.0	39.0	25.0	17.0	21.0	20.0	23.0	65.0	23.0	31.0	9.3	24.0	63.0	28.0
99th	41.0	47.0	44.0	25.0	26.0	20.0	23.0	65.0	23.0	32.0	10.0	26.0	63.0	28.0
Maximum	93.9	66.4	91.0	32.0	26.0	21.0	24.0	71.7	26.0	32.0	10.0	26.0	63.0	28.0

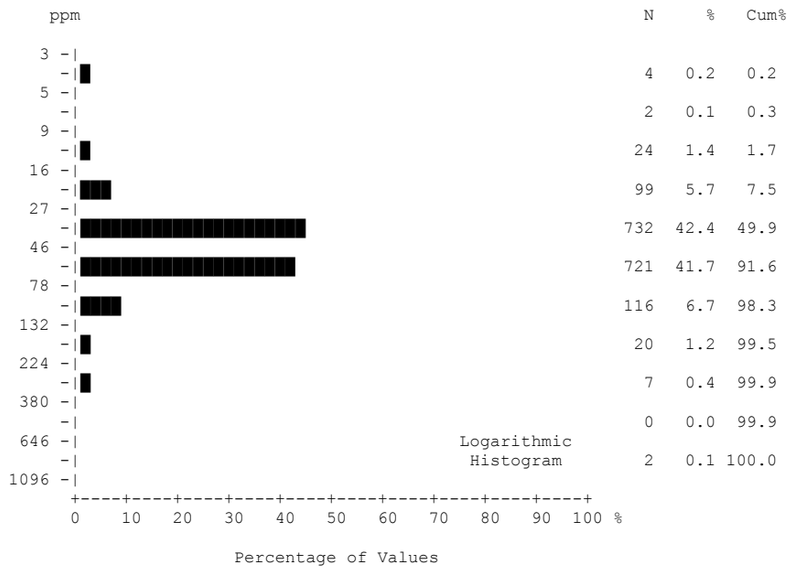
Bromine (Br)

Stream Sediment

number of values	: 1727
units	: ppm
detection limit	: 0.5
analytical method	: INAA

Bromine by INAA

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	lmJHz	PJKu	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1723	314	239	195	88	85	70	70	52	45	38	28	14	12
Missing	548	149	69	93	43	1	50	4	9	1	10	8	36	0
Mean	51.5	44.1	47.7	57.5	50.0	51.0	48.5	40.1	57.7	38.6	48.9	69.2	41.5	48.4
Median	46.0	39.0	44.0	55.0	48.0	48.0	46.0	39.0	56.0	40.0	49.0	56.0	44.0	46.0
Mode	42.0	34.0	44.0	47.0	37.0	40.0	45.0	41.0	45.0	35.0	50.0	41.0	48.0	45.0
Range	1005	155	265	105	86	75	54	67	90	64	41	213	44	29
St Dev	38.74	24.59	23.27	18.18	16.96	15.45	11.32	12.19	15.86	11.58	9.79	41.93	11.89	8.88
Coef Var	0.753	0.558	0.488	0.316	0.339	0.303	0.233	0.304	0.275	0.300	0.200	0.606	0.286	0.183
Log Mean	1.662	1.588	1.641	1.739	1.674	1.689	1.675	1.583	1.746	1.564	1.680	1.789	1.600	1.678
Geo Mean	45.9	38.7	43.7	54.8	47.2	48.9	47.3	38.2	55.7	36.7	47.9	61.5	39.8	47.7
Log StDv	0.196	0.224	0.186	0.132	0.149	0.127	0.980	0.140	0.114	0.151	0.088	0.200	0.135	0.081
Log CVar	0.118	0.141	0.113	0.076	0.089	0.075	0.058	0.088	0.065	0.096	0.053	0.112	0.085	0.048
Percntls														
Minimum	5	5	5	25	14	25	26	12	30	10	31	27	22	34
10th	29	22	31	37	31	35	34	26	39	25	36	38	22	34
20th	34	28	34	43	35	40	41	31	44	29	39	41	29	38
30th	39	32	39	46	38	42	43	33	49	34	42	44	30	45
40th	42	35	42	50	43	44	45	37	53	36	45	53	43	45
50th	46	39	44	55	48	48	46	39	56	40	49	56	44	46
60th	49	43	47	59	53	50	48	41	59	41	50	63	46	47
70th	54	47	51	65	57	55	51	45	64	43	53	67	48	52
80th	62	55	57	73	63	63	53	49	68	47	56	76	48	58
85th	66	61	60	76	66	67	57	52	70	48	60	100	48	58
90th	75	69	64	79	70	71	66	54	73	54	62	110	49	60
95th	92	91	77	91	82	78	73	58	76	55	63	130	49	60
98th	120	130	110	100	90	86	76	76	97	58	64	130	66	63
99th	160	140	130	110	93	100	76	76	97	74	72	240	66	63
Maximum	1010	160	270	130	100	100	80	79	120	74	72	240	66	63

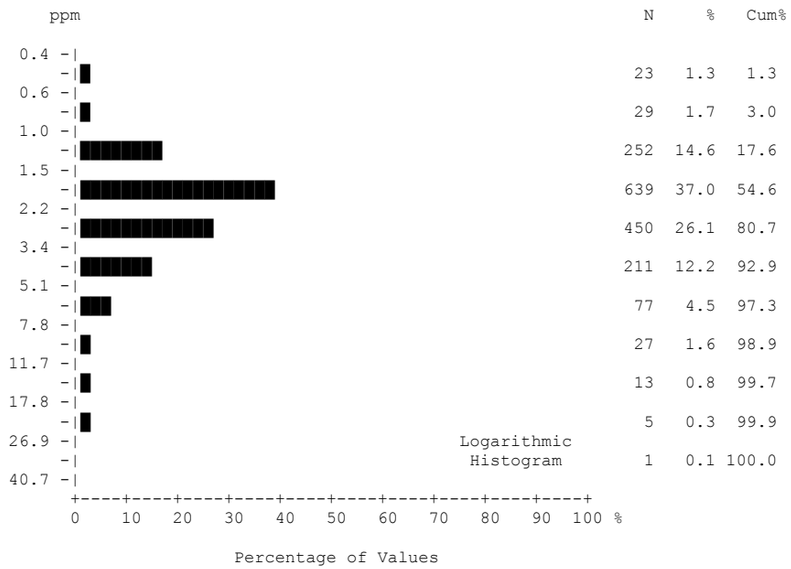
Cerium (Ce)

Stream Sediment

number of values	: 1727
units	: ppm
detection limit	: 5
analytical method	: INAA

Cerium by INAA

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	lmJHz	PJKu	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1706	305	236	195	88	85	70	68	52	44	38	28	14	12
Missing	548	149	69	93	43	1	50	4	9	1	10	8	36	0
Mean	2.68	2.28	2.70	2.80	2.76	2.62	2.93	2.11	3.58	2.95	2.84	4.95	1.86	1.78
Median	2.10	2.00	2.00	2.30	2.10	2.20	2.60	1.70	2.60	2.40	2.80	3.80	2.00	1.50
Mode	2.00	1.40	2.00	2.10	1.00	1.60	2.00	1.40	2.20	1.70	2.00	1.60	2.00	1.50
Range	33.5	17.5	19.5	33.2	16.0	12.2	8.8	9.5	19.1	7.6	4.6	15.1	2.0	2.8
St Dev	2.13	1.59	2.28	2.66	2.47	1.72	1.43	1.41	2.87	1.71	0.93	3.49	0.75	0.73
Coef Var	0.794	0.696	0.845	0.949	0.895	0.657	0.489	0.670	0.801	0.581	0.328	0.707	0.403	0.408
Log Mean	0.352	0.294	0.350	0.387	0.344	0.363	0.428	0.260	0.479	0.406	0.432	0.588	0.234	0.225
Geo Mean	2.25	1.97	2.24	2.44	2.21	2.30	2.68	1.82	3.01	2.55	2.71	3.87	1.72	1.68
Log StDv	0.240	0.227	0.245	0.193	0.270	0.206	0.175	0.228	0.236	0.239	0.137	0.323	0.183	0.150
Log CVar	0.681	0.775	0.700	0.500	0.786	0.569	0.409	0.881	0.495	0.589	0.316	0.550	0.780	0.667
Percntls														
Minimum	0.5	0.5	0.5	0.8	1.0	0.8	1.2	0.5	0.9	0.5	1.5	0.9	1.0	1.0
10th	1.2	1.1	1.2	1.5	1.0	1.5	1.7	1.0	1.7	1.4	1.7	1.4	1.0	1.0
20th	1.5	1.4	1.5	1.7	1.0	1.6	2.0	1.3	2.0	1.7	2.0	1.7	1.0	1.2
30th	1.7	1.6	1.7	1.9	1.6	1.7	2.1	1.4	2.2	1.9	2.2	2.2	1.0	1.4
40th	2.0	1.8	2.0	2.1	2.0	1.9	2.3	1.5	2.4	2.2	2.6	3.5	1.7	1.5
50th	2.1	2.0	2.0	2.3	2.1	2.2	2.6	1.7	2.6	2.4	2.8	3.8	2.0	1.5
60th	2.4	2.2	2.3	2.5	2.4	2.3	2.8	1.8	2.9	2.7	2.9	5.5	2.0	1.7
70th	2.8	2.4	2.7	2.8	3.0	2.7	3.2	2.3	3.2	3.3	3.1	6.2	2.0	1.8
80th	3.3	2.8	3.3	3.4	3.4	3.3	3.7	2.5	5.1	3.8	3.5	6.8	2.0	2.0
85th	3.7	3.1	4.0	3.6	4.0	3.5	4.0	3.1	5.6	4.0	3.6	7.8	3.0	2.0
90th	4.4	3.4	4.6	4.0	4.4	3.9	4.2	3.3	6.6	5.0	3.8	7.9	3.0	2.2
95th	5.9	4.7	5.6	4.7	6.1	4.9	5.1	4.6	7.0	7.1	4.0	12.0	3.0	2.2
98th	8.8	6.6	8.7	6.8	8.7	7.3	7.1	5.5	7.6	7.3	4.7	12.0	3.0	3.8
99th	12.0	9.3	16.0	11.0	14.0	8.2	7.1	5.5	7.6	8.1	6.1	16.0	3.0	3.8
Maximum	34.0	18.0	20.0	34.0	17.0	13.0	10.0	10.0	20.0	8.1	6.1	16.0	3.0	3.8

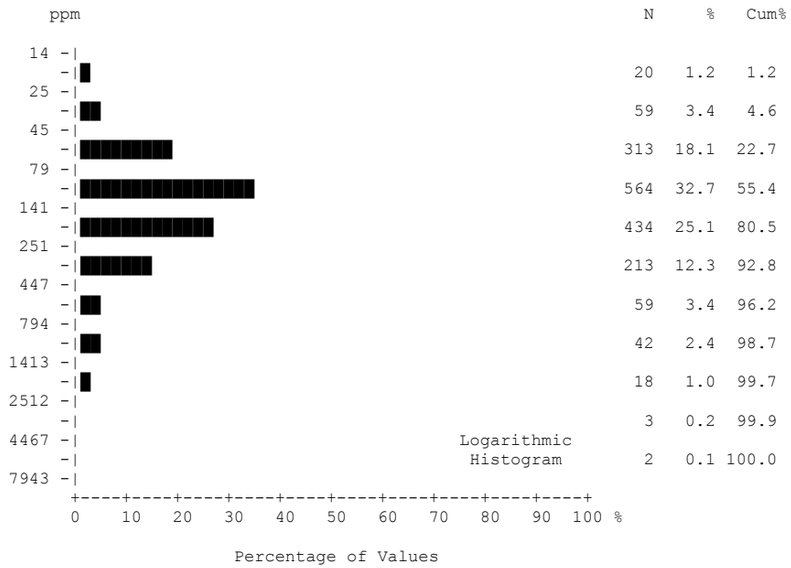
Cesium (Cs)

Stream Sediment

number of values	: 1727
units	: ppm
detection limit	: 0.5
analytical method	: INAA

Cesium by INAA

Summary Statistics - Stream Sites



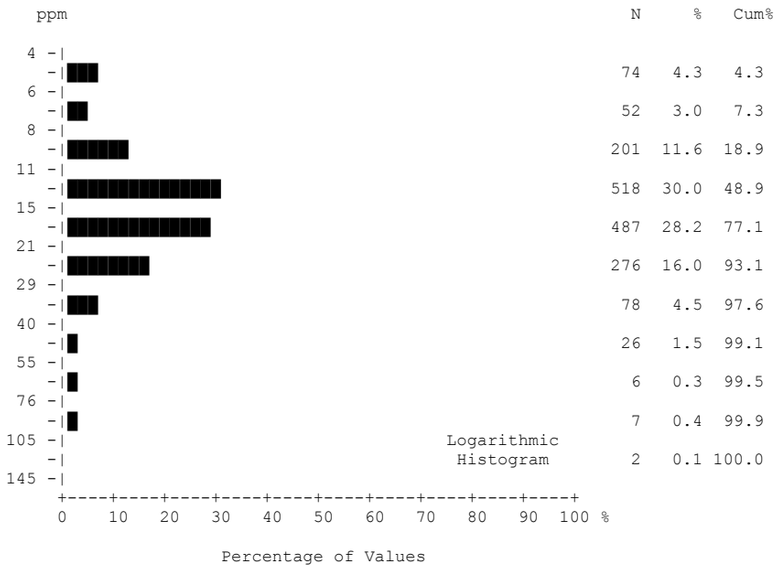
	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	lmJHz	PJKu	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1719	311	238	195	88	85	70	70	52	45	38	28	14	12
Missing	548	149	69	93	43	1	50	4	9	1	10	8	36	0
Mean	212.5	237.0	277.3	116.4	112.0	162.4	158.6	369.0	109.1	195.7	204.3	174.7	134.4	95.3
Median	130.0	180.0	150.0	99.0	99.0	110.0	140.0	220.0	74.0	190.0	170.0	140.0	100.0	66.0
Mode	110.0	160.0	120.0	110.0	110.0	130.0	140.0	170.0	72.0	130.0	160.0	140.0	170.0	34.0
Range	6290	4490	4240	552	322	920	933	2211	391	385	453	545	315	246
St Dev	335.81	306.48	410.79	74.39	61.49	161.19	116.81	440.03	93.60	76.51	96.42	140.03	85.04	81.00
Coef Var	1.580	1.293	1.481	0.639	0.549	0.992	0.737	1.193	0.858	0.391	0.472	0.801	0.633	0.850
Log Mean	2.152	2.234	2.237	2.012	1.993	2.085	2.137	2.396	1.941	2.251	2.274	2.107	2.061	1.880
Geo Mean	141.8	171.3	172.5	102.8	98.4	121.8	137.2	248.7	87.3	178.1	188.1	128.0	115.1	75.8
Log StDv	0.345	0.341	0.383	0.200	0.221	0.305	0.223	0.351	0.262	0.212	0.170	0.368	0.244	0.279
Log CVar	0.160	0.153	0.171	0.990	0.111	0.146	0.104	0.147	0.135	0.094	0.075	0.175	0.118	0.149
Percntls														
Minimum	20	20	20	38	28	40	34	59	29	25	100	23	55	34
10th	59	61	71	61	55	55	75	95	46	120	120	35	55	34
20th	76	93	89	75	62	65	93	130	59	130	140	69	63	43
30th	92	130	110	81	75	78	110	170	69	150	150	78	75	59
40th	110	160	120	90	87	92	130	180	72	170	160	120	80	61
50th	130	180	150	99	99	110	140	220	74	190	170	140	100	66
60th	160	210	180	110	110	130	150	250	79	200	200	170	120	70
70th	190	250	240	110	120	160	180	280	90	240	210	180	170	71
80th	250	310	300	130	140	190	190	400	110	260	220	210	170	91
85th	300	340	360	150	170	240	210	540	120	270	250	340	180	91
90th	360	390	550	170	190	310	230	1080	290	280	320	340	210	250
95th	550	531	1000	250	250	490	290	1200	310	320	370	509	210	250
98th	1130	908	1430	350	270	660	350	2260	410	330	450	509	370	280
99th	1510	1000	1720	430	300	820	350	2260	410	410	553	568	370	280
Maximum	6310	4510	4260	590	350	960	967	2270	420	410	553	568	370	280

Chromium (Cr)
Stream Sediment

number of values : 1727
units : ppm
detection limit : 20
analytical method : INAA

Chromium by INAA

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	lmJHz	PJKu	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1653	292	229	195	87	84	70	64	52	44	38	20	14	12
Missing	548	149	69	93	43	1	50	4	9	1	10	8	36	0
Mean	17.1	16.9	18.4	16.1	14.1	16.4	17.7	20.7	14.5	17.7	18.4	12.1	15.2	17.0
Median	16.0	16.0	16.0	15.0	14.0	15.0	17.0	18.0	13.0	19.0	18.0	10.0	13.0	16.0
Mode	16.0	15.0	13.0	11.0	13.0	10.0	16.0	5.0	12.0	23.0	21.0	5.0	8.0	15.0
Range	125	79	125	66	22	33	37	76	18	25	19	24	16	16
St Dev	9.69	8.21	11.89	6.74	4.61	5.95	5.86	12.65	4.31	6.85	4.40	6.91	6.14	4.09
Coef Var	0.566	0.485	0.647	0.420	0.327	0.364	0.331	0.610	0.298	0.386	0.239	0.571	0.404	0.241
Log Mean	1.183	1.180	1.202	1.179	1.125	1.185	1.228	1.247	1.142	1.208	1.252	1.013	1.147	1.218
Geo Mean	15.2	15.1	15.9	15.1	13.3	15.3	16.9	17.7	13.9	16.1	17.9	10.3	14.0	16.5
Log StDv	0.206	0.214	0.228	0.145	0.148	0.161	0.130	0.253	0.127	0.206	0.108	0.255	0.183	0.110
Log CVar	0.174	0.181	0.190	0.123	0.131	0.136	0.106	0.203	0.111	0.170	0.086	0.252	0.160	0.091
Percntls														
Minimum	5	5	5	6	5	5	8	5	8	5	10	5	8	9
10th	9	7	9	10	9	10	12	6	9	7	13	5	8	9
20th	11	11	11	11	10	11	14	12	10	11	14	5	8	15
30th	13	13	13	13	11	13	15	15	12	12	16	5	9	15
40th	14	15	14	14	13	14	16	16	12	17	16	8	12	16
50th	16	16	16	15	14	15	17	18	13	19	18	10	13	16
60th	17	18	18	16	15	17	17	20	15	21	21	12	16	16
70th	19	20	20	18	16	20	19	22	16	23	21	17	18	17
80th	21	22	23	19	17	21	19	26	18	23	22	19	22	19
85th	23	24	27	20	19	22	23	27	19	23	22	20	23	19
90th	26	26	31	22	19	26	24	33	20	24	24	21	24	23
95th	32	32	39	26	24	26	27	47	22	28	25	23	24	23
98th	41	37	46	31	25	29	32	52	24	29	25	23	24	25
99th	52	38	54	36	26	29	32	52	24	30	29	29	24	25
Maximum	130	84	130	72	27	38	45	81	26	30	29	29	24	25

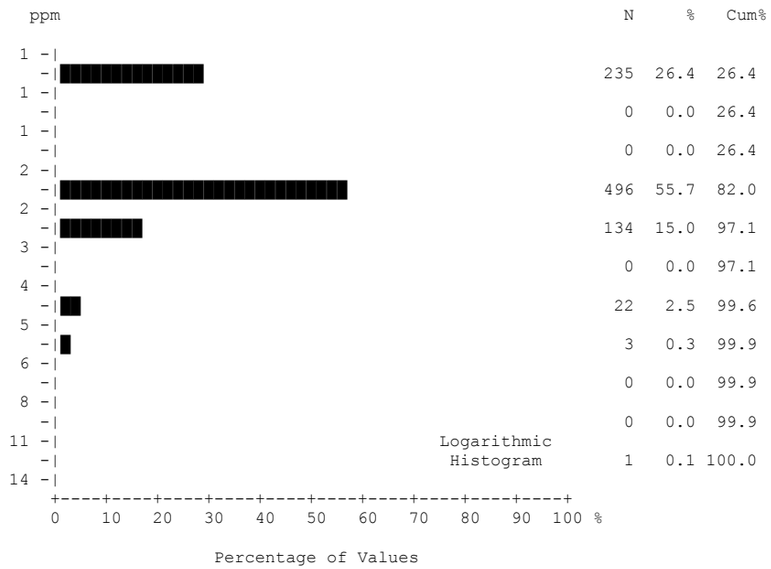
Cobalt (Co)

Stream Sediment

number of values : 1727
units : ppm
detection limit : 5
analytical method : INAA

Cobalt by INAA

Summary Statistics - Stream Sites



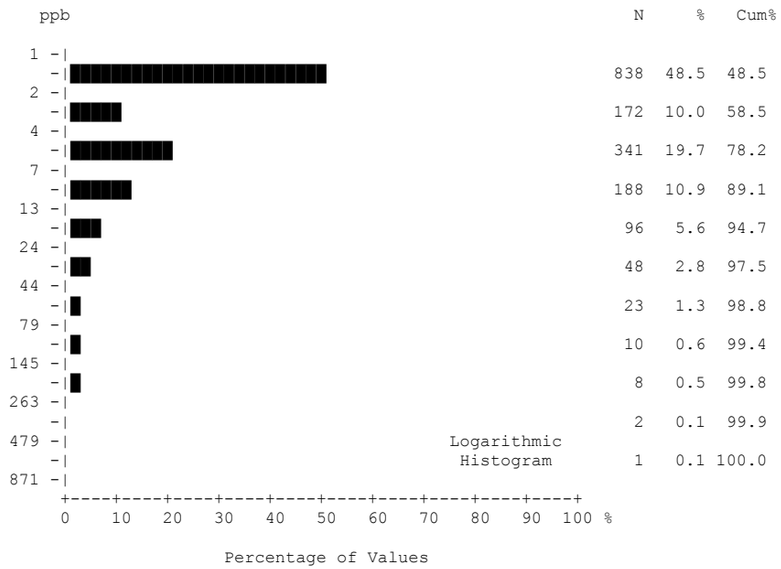
	All	ETEn	MTrCc	TrJTk	MJqd	ETOo	uKKs	PJKu	lmJHz	TrJdr
N	891	186	143	91	82	58	52	26	21	12
N > DL	656	157	97	36	71	44	44	16	19	9
Missing	1384	102	166	373	4	73	9	48	99	0
Mean	2.0	2.2	1.8	1.4	2.1	1.9	2.1	1.6	2.1	2.0
Median	2.0	2.0	2.0	1.0	2.0	2.0	2.0	2.0	2.0	2.0
Mode	2.0	2.0	2.0	1.0	2.0	2.0	2.0	1.0	2.0	2.0
Range	11	5	3	3	3	3	3	1	2	2
St Dev	0.83	0.90	0.69	0.58	0.64	0.74	0.71	0.50	0.54	0.74
Coef Var	0.425	0.402	0.378	0.406	0.300	0.378	0.335	0.307	0.257	0.369
Log Mean	0.258	0.319	0.231	0.124	0.305	0.259	0.304	0.185	0.306	0.270
Geo Mean	1.8	2.1	1.7	1.3	2.0	1.8	2.0	1.5	2.0	1.9
Log StDv	0.175	0.172	0.172	0.159	0.144	0.167	0.156	0.149	0.123	0.179
Log CVar	0.679	0.542	0.748	1.279	0.472	0.646	0.516	0.807	0.405	0.666
Percntls										
Minimum	1	1	1	1	1	1	1	1	1	1
10th	1	1	1	1	1	1	1	1	1	1
20th	1	2	1	1	2	1	2	1	2	1
30th	2	2	1	1	2	2	2	1	2	2
40th	2	2	2	1	2	2	2	1	2	2
50th	2	2	2	1	2	2	2	2	2	2
60th	2	2	2	1	2	2	2	2	2	2
70th	2	2	2	2	2	2	2	2	2	2
80th	2	3	2	2	3	2	3	2	2	3
85th	3	3	2	2	3	2	3	2	3	3
90th	3	3	3	2	3	3	3	2	3	3
95th	3	4	3	2	3	3	3	2	3	3
98th	4	4	3	2	3	4	4	2	3	3
99th	4	6	4	3	3	4	4	2	3	3
Maximum	12	6	4	4	4	4	4	2	3	3

Europium (Eu)
Stream Sediment

number of values	: 891
units	: ppm
detection limit	: 1
analytical method	: INAA

Europium by INAA

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	PJKu	lmJHz	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	889	247	118	40	29	21	55	41	11	44	20	18	5	4
Missing	548	149	69	93	43	1	4	50	9	1	10	8	36	0
Mean	8.2	11.7	6.8	3.9	5.6	3.2	8.3	9.4	2.8	23.1	7.9	4.9	3.5	2.5
Median	3.0	6.0	2.0	2.0	2.0	2.0	5.0	3.0	2.0	11.0	3.0	4.0	2.0	2.0
Mode	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	8.0	2.0	2.0	2.0	2.0
Range	758	263	178	66	108	45	118	323	13	217	148	15	15	3
St Dev	26.56	25.31	16.36	7.41	15.39	5.07	15.97	39.10	2.43	37.90	23.86	3.75	3.96	0.90
Coef Var	3.241	2.171	2.390	1.909	2.730	1.589	1.924	4.140	0.864	1.641	3.022	0.761	1.130	0.362
Log Mean	0.601	0.800	0.563	0.408	0.463	0.398	0.703	0.566	0.382	1.133	0.566	0.596	0.436	0.378
Geo Mean	4.0	6.3	3.7	2.6	2.9	2.5	5.0	3.7	2.4	13.6	3.7	3.9	2.7	2.4
Log StDv	0.399	0.410	0.374	0.280	0.335	0.219	0.353	0.371	0.195	0.385	0.371	0.284	0.256	0.128
Log CVar	0.664	0.513	0.666	0.685	0.726	0.553	0.503	0.656	0.511	0.340	0.657	0.476	0.589	0.338
Percntls														
Minimum	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10th	2	2	2	2	2	2	2	2	2	6	2	2	2	2
20th	2	2	2	2	2	2	2	2	2	8	2	2	2	2
30th	2	4	2	2	2	2	3	2	2	8	2	2	2	2
40th	2	5	2	2	2	2	4	2	2	10	2	3	2	2
50th	3	6	2	2	2	2	5	3	2	11	3	4	2	2
60th	4	7	3	2	2	2	6	3	2	12	4	4	2	2
70th	5	10	4	2	3	2	7	5	2	17	5	6	3	2
80th	8	13	7	3	4	3	8	5	3	19	6	7	3	3
85th	11	17	9	3	4	3	10	7	3	25	6	7	4	3
90th	15	23	12	5	5	4	13	8	4	55	8	8	4	3
95th	24	29	20	13	15	8	15	13	4	71	11	14	4	3
98th	51	53	43	24	29	8	63	67	11	140	15	14	17	5
99th	98	160	98	34	95	10	63	67	11	219	150	17	17	5
Maximum	760	265	180	68	110	47	120	325	15	219	150	17	17	5

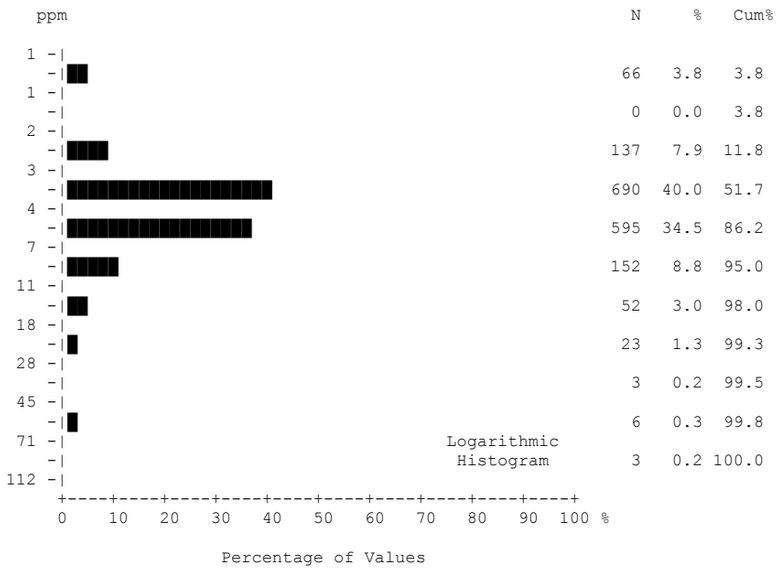
Gold (Au)

Stream Sediment

number of values	: 1727
units	: ppb
detection limit	: 2
analytical method	: INAA

Gold by INAA

Summary Statistics - Stream Sites



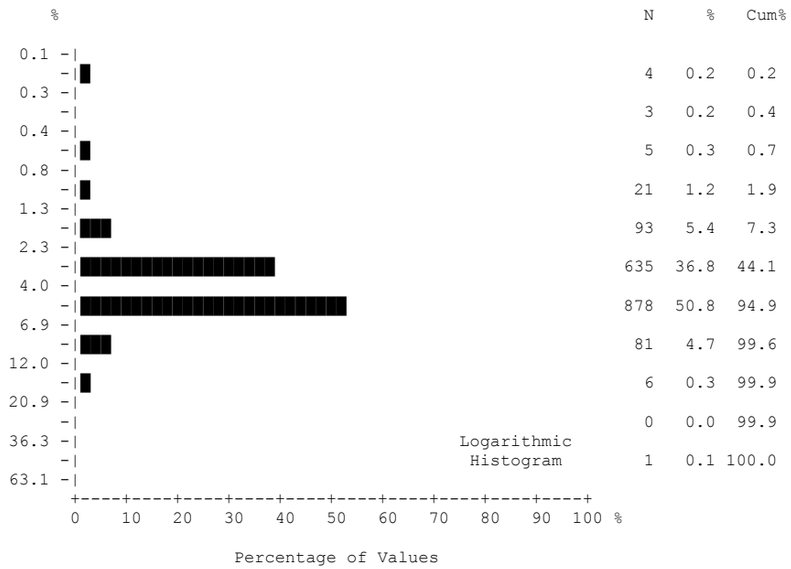
	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	PJKu	lmJHz	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1661	288	230	193	88	85	66	70	52	41	38	28	14	12
Missing	548	149	69	93	43	1	4	50	9	1	10	8	36	0
Mean	5.5	4.1	4.9	6.0	5.9	6.5	3.7	4.4	6.0	5.0	4.6	11.0	5.5	4.0
Median	4.0	4.0	4.0	5.0	5.0	6.0	3.0	4.0	5.0	5.0	4.0	5.0	5.0	4.0
Mode	4.0	4.0	3.0	5.0	5.0	5.0	3.0	4.0	5.0	3.0	4.0	3.0	5.0	4.0
Range	107	25	49	37	48	21	12	9	19	15	5	44	8	4
St Dev	5.87	3.16	3.99	4.08	5.25	3.60	2.13	1.35	2.90	3.06	1.22	11.87	1.87	1.28
Coef Var	1.073	0.762	0.813	0.684	0.898	0.556	0.569	0.304	0.482	0.610	0.269	1.079	0.340	0.320
Log Mean	0.647	0.535	0.621	0.716	0.707	0.759	0.521	0.628	0.747	0.619	0.643	0.839	0.720	0.579
Geo Mean	4.4	3.4	4.2	5.2	5.1	5.7	3.3	4.2	5.6	4.2	4.4	6.9	5.2	3.8
Log StDv	0.258	0.261	0.236	0.213	0.195	0.209	0.212	0.125	0.158	0.285	0.116	0.417	0.136	0.154
Log CVar	0.399	0.488	0.379	0.298	0.276	0.276	0.409	0.200	0.212	0.462	0.180	0.497	0.189	0.267
Percntls														
Minimum	1	1	1	1	2	2	1	2	2	1	3	2	3	2
10th	2	2	2	3	3	3	2	3	4	2	3	2	3	2
20th	3	2	3	4	4	4	2	4	4	3	3	3	5	2
30th	4	3	3	4	4	5	3	4	5	3	4	3	5	4
40th	4	3	4	5	4	5	3	4	5	4	4	5	5	4
50th	4	4	4	5	5	6	3	4	5	5	4	5	5	4
60th	5	4	5	5	5	6	4	4	6	5	5	7	5	4
70th	5	4	5	6	6	7	4	5	6	6	5	13	6	4
80th	6	5	6	7	7	8	4	5	7	7	6	15	6	5
85th	7	5	6	8	8	9	5	6	7	8	6	21	6	5
90th	9	7	7	9	8	11	5	6	8	8	6	25	6	6
95th	12	9	10	11	10	12	8	6	9	10	6	44	6	6
98th	17	17	16	16	12	16	13	7	15	13	6	44	11	6
99th	24	19	17	25	15	20	13	7	15	16	8	46	11	6
Maximum	108	26	50	38	50	23	13	11	21	16	8	46	11	6

Hafnium (Hf)
Stream Sediment

number of values : 1727
units : ppm
detection limit : 1
analytical method : INAA

Hafnium by INAA

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	PJKu	lmJHz	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1723	314	239	195	88	85	70	70	52	45	38	28	14	12
Missing	548	149	69	93	43	1	4	50	9	1	10	8	36	0
Mean	4.31	4.14	4.13	4.39	4.07	4.45	4.85	4.85	4.18	4.96	4.57	3.14	4.40	5.05
Median	4.20	3.90	3.90	4.20	4.10	4.30	4.90	4.50	4.10	5.10	4.70	2.70	3.80	4.80
Mode	4.30	4.20	3.40	4.20	3.80	3.30	5.30	4.30	4.30	2.30	4.60	3.40	3.40	4.30
Range	45.6	11.8	17.8	13.1	7.3	5.6	7.6	6.0	4.8	8.0	5.8	12.1	4.3	6.2
St Dev	1.90	1.78	1.76	1.33	1.15	1.22	1.41	1.19	1.00	1.90	1.05	2.31	1.26	1.55
Coef Var	0.440	0.431	0.427	0.303	0.283	0.275	0.290	0.246	0.240	0.383	0.231	0.736	0.286	0.308
Log Mean	0.600	0.572	0.576	0.627	0.593	0.632	0.664	0.674	0.609	0.655	0.646	0.420	0.628	0.688
Geo Mean	3.98	3.73	3.77	4.24	3.92	4.28	4.61	4.72	4.06	4.52	4.43	2.63	4.25	4.87
Log StDv	0.186	0.217	0.207	0.113	0.125	0.120	0.150	0.106	0.102	0.209	0.118	0.253	0.118	0.116
Log CVar	0.311	0.380	0.360	0.180	0.211	0.191	0.226	0.157	0.168	0.320	0.183	0.604	0.189	0.169
Percntls														
Minimum	0.2	0.2	0.2	1.9	1.5	2.3	1.0	2.4	2.2	0.9	1.6	0.9	2.9	3.2
10th	2.5	2.2	2.6	3.2	2.9	3.0	3.1	3.5	2.9	2.3	3.3	1.0	2.9	3.2
20th	3.2	2.9	3.1	3.5	3.2	3.3	3.6	3.9	3.3	3.0	3.6	1.6	3.4	3.6
30th	3.5	3.3	3.4	3.8	3.4	3.6	4.1	4.2	3.5	3.6	3.9	1.7	3.4	4.3
40th	3.8	3.6	3.6	4.1	3.8	3.9	4.6	4.3	3.7	4.8	4.6	2.4	3.5	4.4
50th	4.2	3.9	3.9	4.2	4.1	4.3	4.9	4.5	4.1	5.1	4.7	2.7	3.8	4.8
60th	4.4	4.2	4.2	4.4	4.2	4.5	5.3	5.0	4.3	5.6	4.9	2.9	4.0	5.2
70th	4.9	4.7	4.6	4.7	4.4	5.3	5.5	5.5	4.6	6.2	5.1	3.4	5.2	5.2
80th	5.4	5.3	5.1	5.1	4.7	5.6	5.7	5.8	4.8	6.7	5.2	3.9	5.3	5.3
85th	5.7	5.7	5.4	5.3	5.0	5.7	6.4	6.0	5.0	7.0	5.3	4.3	5.4	5.3
90th	6.1	6.1	5.9	5.7	5.4	6.0	6.5	6.2	5.5	7.2	5.4	4.3	5.9	5.6
95th	7.0	7.4	6.3	6.2	5.7	6.8	7.3	6.8	5.9	7.5	6.0	6.3	5.9	5.6
98th	8.3	8.8	7.0	6.8	7.1	6.9	7.8	8.3	6.5	7.5	6.0	6.3	7.2	9.4
99th	9.1	9.3	12.0	8.5	7.5	6.9	7.8	8.3	6.5	8.9	7.4	13.0	7.2	9.4
Maximum	45.8	12.0	18.0	15.0	8.8	7.9	8.6	8.4	7.0	8.9	7.4	13.0	7.2	9.4

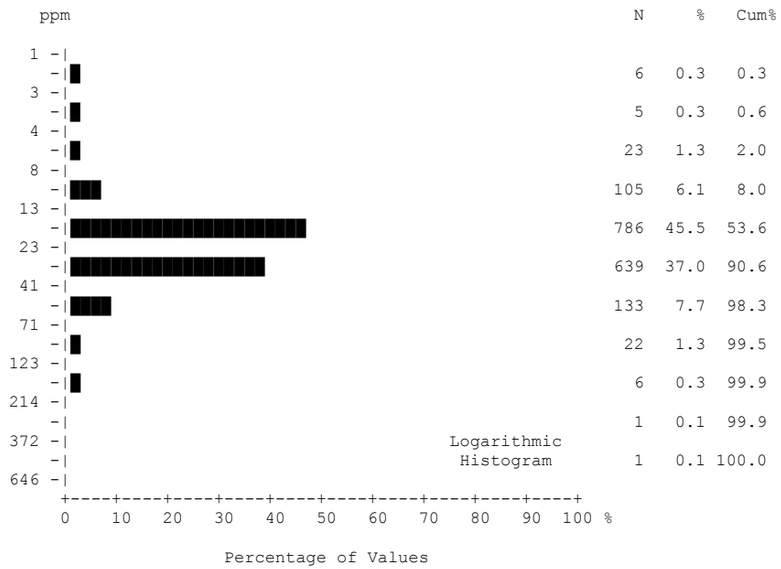
Iron (Fe)

Stream Sediment

number of values	: 1727
units	: %
detection limit	: 0.2
analytical method	: INAA

Iron by INAA

Summary Statistics - Stream Sites



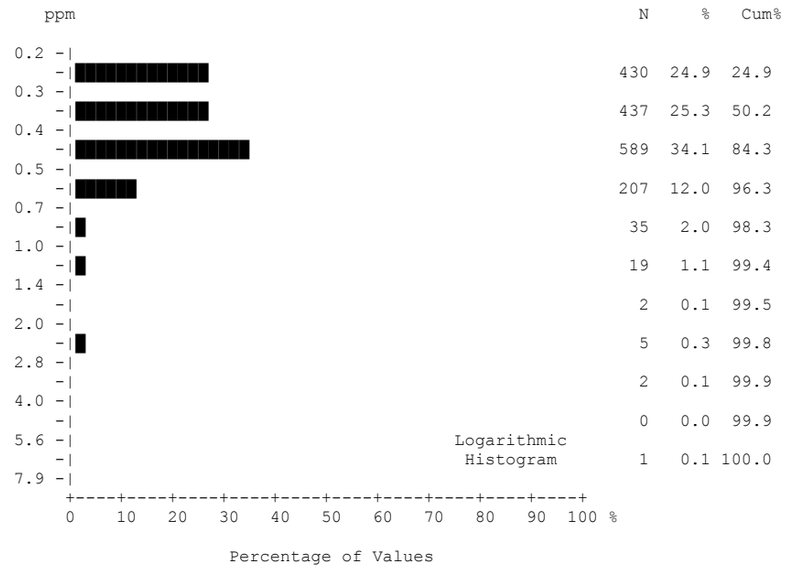
	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	PJKu	lmJHz	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1721	313	239	195	88	85	70	70	52	44	38	28	14	12
Missing	548	149	69	93	43	1	4	50	9	1	10	8	36	0
Mean	26.4	21.8	23.9	30.0	26.8	27.6	17.8	22.9	32.0	20.5	21.5	37.2	20.2	22.3
Median	23.0	19.0	22.0	27.0	24.0	25.0	17.0	22.0	29.0	21.0	21.0	30.0	21.0	22.0
Mode	20.0	18.0	20.0	21.0	22.0	21.0	19.0	20.0	26.0	18.0	24.0	18.0	23.0	24.0
Range	496	148	148	63	47	54	33	24	68	34	15	100	21	11
St Dev	20.24	13.66	12.42	10.63	9.12	10.44	5.40	5.62	11.85	6.34	3.72	25.36	5.28	3.65
Coef Var	0.766	0.626	0.520	0.354	0.341	0.379	0.304	0.246	0.371	0.309	0.173	0.682	0.261	0.164
Log Mean	1.366	1.279	1.337	1.452	1.402	1.412	1.229	1.348	1.481	1.280	1.325	1.495	1.290	1.342
Geo Mean	23.2	19.0	21.7	28.3	25.2	25.8	17.0	22.3	30.3	19.1	21.2	31.3	19.5	22.0
Log StDv	0.212	0.231	0.195	0.147	0.154	0.157	0.138	0.980	0.139	0.199	0.076	0.252	0.125	0.072
Log CVar	0.155	0.180	0.146	0.101	0.110	0.112	0.112	0.073	0.094	0.155	0.058	0.168	0.097	0.053
Percntls														
Minimum	2	2	2	10	6	9	5	16	16	2	15	10	10	17
10th	14	11	15	19	16	17	11	17	20	14	16	18	10	17
20th	17	14	18	21	19	20	14	18	23	16	18	19	14	18
30th	19	16	20	23	21	22	15	19	26	18	19	23	16	20
40th	21	18	21	25	23	23	17	20	28	19	20	27	20	21
50th	23	19	22	27	24	25	17	22	29	21	21	30	21	22
60th	25	21	24	31	28	26	19	23	32	22	23	32	21	23
70th	27	23	25	34	31	29	19	24	34	24	24	35	23	24
80th	32	27	27	38	33	34	21	26	36	26	24	47	23	24
85th	35	29	30	41	37	38	22	27	38	27	25	51	23	24
90th	40	34	34	44	40	43	23	32	45	27	25	62	24	28
95th	48	44	40	49	44	48	28	35	55	30	26	110	24	28
98th	65	61	54	54	45	56	33	39	58	30	29	110	31	28
99th	98	68	65	62	52	57	33	39	58	36	30	110	31	28
Maximum	498	150	150	73	53	63	38	40	84	36	30	110	31	28

Lanthanum (La)
Stream Sediment

number of values : 1727
units : ppm
detection limit : 2
analytical method : INAA

Lanthanum by INAA

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	PJKu	lmJHz	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1297	219	186	151	77	60	60	67	38	26	36	16	12	11
Missing	548	149	69	93	43	1	4	50	9	1	10	8	36	0
Mean	0.40	0.37	0.39	0.40	0.37	0.32	0.43	0.46	0.33	0.37	0.46	0.59	0.36	0.47
Median	0.30	0.30	0.30	0.40	0.30	0.30	0.40	0.40	0.30	0.40	0.50	0.30	0.40	0.50
Mode	0.30	0.20	0.30	0.40	0.30	0.30	0.40	0.30	0.30	0.20	0.60	0.20	0.40	0.50
Range	6.0	1.4	3.3	2.3	0.9	0.6	0.7	0.6	0.6	0.8	0.5	2.8	0.3	0.5
St Dev	0.27	0.18	0.27	0.24	0.15	0.12	0.16	0.15	0.13	0.19	0.13	0.63	0.10	0.14
Coef Var	0.679	0.505	0.690	0.582	0.411	0.374	0.362	0.331	0.401	0.518	0.292	1.063	0.277	0.294
Log Mean	-0.453	-0.480	-0.453	-0.440	-0.455	-0.515	-0.398	-0.361	-0.511	-0.480	-0.357	-0.385	-0.456	-0.352
Geo Mean	0.35	0.33	0.35	0.36	0.35	0.31	0.40	0.44	0.31	0.33	0.44	0.41	0.35	0.45
Log StDv	0.194	0.189	0.185	0.192	0.151	0.150	0.167	0.151	0.153	0.211	0.141	0.350	0.132	0.147
Log CVar	-0.429	-0.393	-0.409	-0.438	-0.332	-0.291	-0.421	-0.419	-0.300	-0.441	-0.394	-0.910	-0.289	-0.420
Percntls														
Minimum	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
10th	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.2	0.2
20th	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.2	0.2	0.3	0.2	0.3	0.3
30th	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.4	0.2	0.3	0.4
40th	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.2	0.4	0.2	0.3	0.4
50th	0.3	0.3	0.3	0.4	0.3	0.3	0.4	0.4	0.3	0.4	0.5	0.3	0.4	0.5
60th	0.4	0.4	0.4	0.4	0.4	0.3	0.5	0.5	0.3	0.4	0.5	0.4	0.4	0.5
70th	0.4	0.4	0.4	0.5	0.4	0.4	0.5	0.6	0.3	0.4	0.6	0.6	0.4	0.5
80th	0.5	0.5	0.5	0.5	0.4	0.4	0.6	0.6	0.4	0.5	0.6	0.8	0.4	0.6
85th	0.6	0.5	0.5	0.6	0.5	0.4	0.6	0.6	0.4	0.6	0.6	1.1	0.5	0.6
90th	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.7	0.5	0.6	0.6	1.1	0.5	0.6
95th	0.7	0.7	0.6	0.7	0.6	0.5	0.7	0.7	0.6	0.6	0.6	1.8	0.5	0.6
98th	0.9	0.8	0.7	0.9	0.8	0.6	0.8	0.7	0.7	0.9	0.7	1.8	0.5	0.7
99th	1.1	1.0	0.9	1.2	0.9	0.7	0.8	0.7	0.7	1.0	0.7	3.0	0.5	0.7
Maximum	6.2	1.6	3.5	2.5	1.1	0.8	0.9	0.8	0.8	1.0	0.7	3.0	0.5	0.7

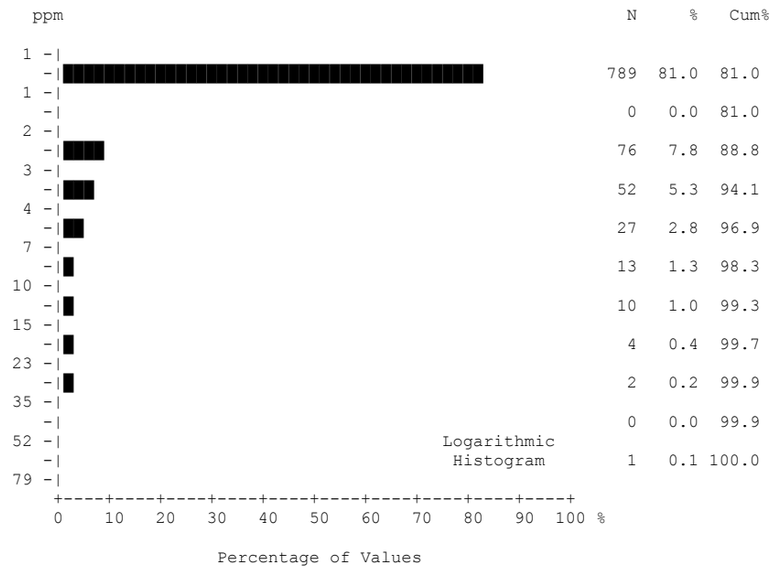
Lutetium (Lu)

Stream Sediment

number of values : 1727
units : ppm
detection limit : 0.2
analytical method : INAA

Lutetium by INAA

Summary Statistics - Stream Sites



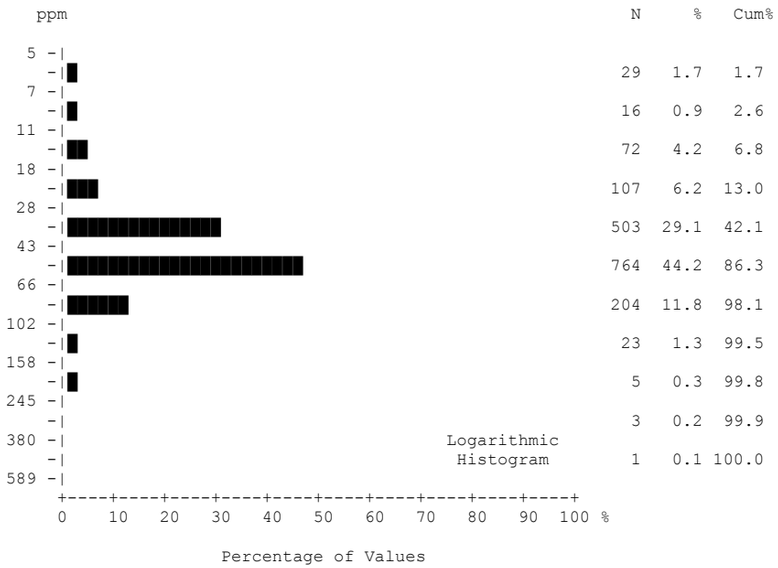
	All	TrJTk	MTrCc	lmJHz	PJKu	lJCl	lKSk	ETOo	EKgd	LTQCh	ETEn
N	974	276	119	51	48	46	38	36	29	14	13
N > DL	185	73	17	3	3	8	0	4	7	3	2
Missing	1301	188	190	69	26	0	10	95	7	36	275
Mean	1.7	1.8	2.2	1.1	1.3	1.3	1.0	1.2	2.6	1.7	1.2
Median	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Mode	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Range	61	21	61	4	7	4	0	3	11	5	2
St Dev	3.09	2.47	6.48	0.63	1.23	0.78	0.00	0.68	3.45	1.64	0.60
Coef Var	1.786	1.360	2.911	0.557	0.970	0.608	0.000	0.557	1.352	0.955	0.487
Log Mean	0.105	0.135	0.990	0.029	0.041	0.068	0.000	0.052	0.187	0.127	0.060
Geo Mean	1.3	1.4	1.3	1.1	1.1	1.2	1.0	1.1	1.5	1.3	1.1
Log StDv	0.251	0.262	0.294	0.124	0.174	0.162	0.000	0.152	0.373	0.272	0.150
Log CVar	2.415	1.954	2.967	4.415	4.254	2.422	0.000	2.988	2.007	2.138	2.550
Percntls											
Minimum	1	1	1	1	1	1	1	1	1	1	1
10th	1	1	1	1	1	1	1	1	1	1	1
20th	1	1	1	1	1	1	1	1	1	1	1
30th	1	1	1	1	1	1	1	1	1	1	1
40th	1	1	1	1	1	1	1	1	1	1	1
50th	1	1	1	1	1	1	1	1	1	1	1
60th	1	1	1	1	1	1	1	1	1	1	1
70th	1	1	1	1	1	1	1	1	1	1	1
80th	1	2	1	1	1	1	1	1	2	1	1
85th	2	2	1	1	1	2	1	1	5	2	1
90th	3	3	2	1	1	2	1	1	9	5	2
95th	5	5	5	1	2	2	1	3	11	5	2
98th	9	7	13	3	6	4	1	3	11	6	3
99th	11	10	34	5	8	5	1	4	12	6	3
Maximum	62	22	62	5	8	5	1	4	12	6	3

Molybdenum (Mo)
Stream Sediment

number of values : 974
units : ppm
detection limit : 1
analytical method : INAA

Molybdenum by INAA

Summary Statistics - Stream Sites



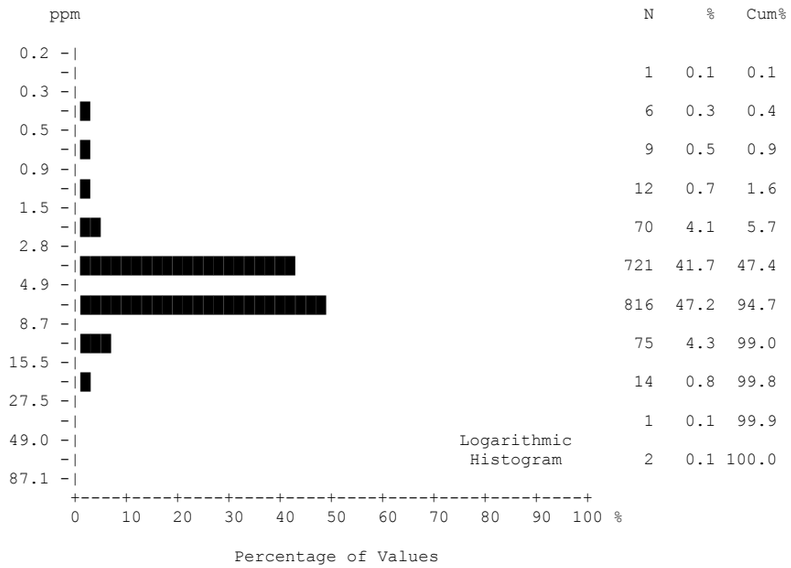
	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	lmJHz	PJKu	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1705	307	235	195	88	85	70	68	52	45	38	28	14	12
Missing	548	149	69	93	43	1	50	4	9	1	10	8	36	0
Mean	48.0	46.7	44.7	46.8	44.5	42.6	49.3	33.5	52.8	68.5	48.2	70.0	45.6	29.7
Median	46.0	47.0	41.0	47.0	45.0	40.0	47.0	33.0	53.0	70.0	47.0	41.0	45.0	29.0
Mode	44.0	38.0	39.0	37.0	15.0	38.0	40.0	33.0	42.0	71.0	47.0	26.0	15.0	14.0
Range	435	125	345	59	84	59	61	95	71	110	41	169	50	30
St Dev	25.64	19.94	29.37	11.39	17.68	11.68	12.04	15.66	14.28	24.26	10.71	53.06	16.47	7.99
Coef Var	0.534	0.427	0.658	0.243	0.398	0.274	0.244	0.467	0.271	0.354	0.222	0.758	0.361	0.269
Log Mean	1.629	1.612	1.587	1.656	1.607	1.612	1.680	1.468	1.705	1.801	1.673	1.707	1.620	1.456
Geo Mean	42.5	40.9	38.6	45.3	40.5	40.9	47.9	29.4	50.7	63.2	47.1	51.0	41.7	28.5
Log StDv	0.229	0.258	0.247	0.118	0.202	0.126	0.104	0.249	0.130	0.196	0.990	0.369	0.210	0.132
Log CVar	0.141	0.160	0.156	0.071	0.126	0.078	0.062	0.169	0.076	0.109	0.059	0.216	0.130	0.091
Percntls														
Minimum	5	5	5	16	13	16	25	5	21	10	31	11	15	14
10th	24	21	22	31	21	29	38	13	30	37	33	13	15	14
20th	32	33	31	37	28	33	40	19	42	52	37	25	33	20
30th	37	38	34	41	33	36	41	28	46	58	42	26	34	27
40th	42	42	38	44	40	38	44	31	49	62	46	37	44	28
50th	46	47	41	47	45	40	47	33	53	70	47	41	45	29
60th	50	51	45	50	52	43	49	35	55	72	49	69	47	30
70th	55	55	48	54	55	49	53	40	60	76	54	99	56	32
80th	60	62	53	57	58	54	60	45	65	83	57	120	58	36
85th	65	65	60	59	60	56	64	51	67	91	58	130	62	36
90th	71	70	64	60	65	58	66	52	68	100	59	130	64	38
95th	82	78	78	64	71	62	72	53	71	120	68	170	64	38
98th	100	87	110	70	78	67	75	57	83	120	69	170	65	44
99th	120	100	130	72	84	67	75	57	83	120	72	180	65	44
Maximum	440	130	350	75	97	75	86	100	92	120	72	180	65	44

Rubidium (Rb)
Stream Sediment

number of values : 1727
units : ppm
detection limit : 5
analytical method : INAA

Rubidium by INAA

Summary Statistics - Stream Sites



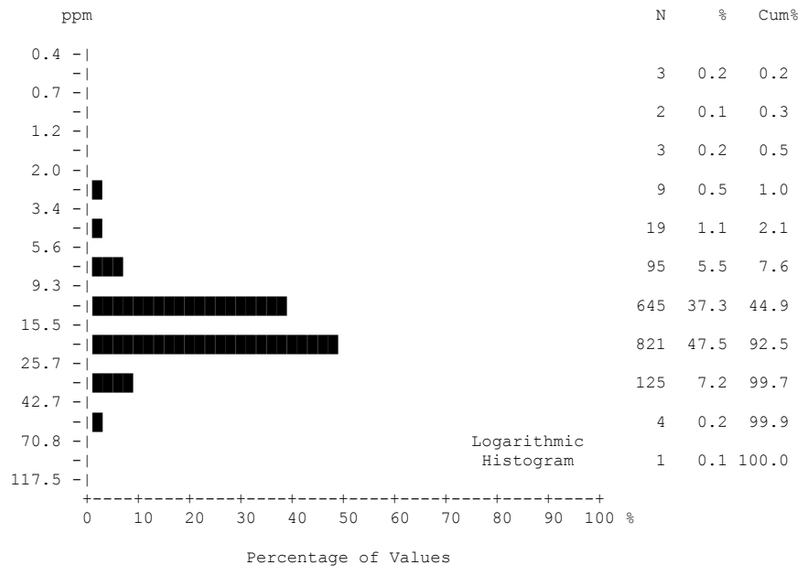
	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	lmJHz	PJKu	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
Missing	548	149	69	93	43	1	50	4	9	1	10	8	36	0
Mean	5.34	4.66	5.06	5.79	5.13	5.29	5.48	4.91	5.59	4.94	5.34	7.51	3.95	5.07
Median	4.90	4.40	4.80	5.30	4.80	5.00	5.30	4.90	5.40	5.20	5.30	6.60	3.80	4.80
Mode	4.80	4.70	4.80	4.70	3.90	5.00	4.90	5.00	5.40	5.20	5.10	7.80	2.90	4.30
Range	68.7	15.9	25.3	13.4	10.3	8.4	7.3	7.2	5.9	7.0	3.6	17.7	2.5	2.7
St Dev	3.03	2.14	2.59	2.01	1.80	1.37	1.12	1.32	1.39	1.52	0.76	3.57	0.71	0.87
Coef Var	0.569	0.459	0.512	0.346	0.351	0.259	0.204	0.268	0.249	0.308	0.142	0.475	0.181	0.172
Log Mean	0.686	0.620	0.663	0.742	0.686	0.711	0.731	0.674	0.735	0.659	0.723	0.841	0.590	0.699
Geo Mean	4.86	4.17	4.60	5.53	4.85	5.14	5.38	4.72	5.43	4.56	5.29	6.93	3.89	5.00
Log StDv	0.192	0.228	0.199	0.127	0.146	0.104	0.082	0.132	0.104	0.213	0.061	0.168	0.078	0.077
Log CVar	0.280	0.368	0.300	0.172	0.213	0.147	0.112	0.196	0.141	0.323	0.085	0.200	0.132	0.111
Percntls														
Minimum	0.2	0.3	0.5	3.0	1.3	3.1	3.4	1.2	3.5	0.4	4.0	3.8	2.9	3.5
10th	3.3	2.5	3.2	3.9	3.4	3.9	4.1	3.4	3.9	2.9	4.3	4.3	2.9	3.5
20th	3.8	3.2	3.7	4.4	3.8	4.2	4.7	3.9	4.4	3.7	4.5	4.8	3.3	4.3
30th	4.2	3.7	4.1	4.7	4.0	4.5	4.9	4.2	4.9	4.5	5.0	5.0	3.5	4.5
40th	4.6	4.0	4.5	5.0	4.5	4.8	5.1	4.6	5.1	4.8	5.1	6.2	3.7	4.6
50th	4.9	4.4	4.8	5.3	4.8	5.0	5.3	4.9	5.4	5.2	5.3	6.6	3.8	4.8
60th	5.2	4.7	5.0	5.8	5.2	5.3	5.6	5.2	5.5	5.6	5.5	6.9	3.9	5.3
70th	5.7	5.1	5.4	6.3	5.5	5.7	5.7	5.4	6.0	5.8	5.7	7.8	4.2	5.3
80th	6.3	5.7	5.8	6.7	5.8	6.3	6.2	5.8	6.5	6.1	5.9	8.8	4.3	6.1
85th	6.7	6.3	6.1	7.4	7.0	6.5	6.4	6.1	6.7	6.4	6.0	10.2	4.7	6.1
90th	7.4	7.0	6.7	7.9	7.6	7.2	6.8	6.4	7.8	6.7	6.0	10.9	4.9	6.2
95th	8.9	8.4	8.0	9.0	8.8	7.6	7.2	7.4	8.2	6.9	6.2	12.3	4.9	6.2
98th	12.2	11.0	10.7	12.5	10.0	8.1	8.4	8.0	8.9	7.3	6.7	12.3	5.4	6.2
99th	14.9	12.5	14.5	13.7	10.6	8.5	8.4	8.0	8.9	7.4	7.6	21.5	5.4	6.2
Maximum	68.9	16.2	25.8	16.4	11.6	11.5	10.7	8.4	9.4	7.4	7.6	21.5	5.4	6.2

Samarium (Sm)
Stream Sediment

number of values : 1727
units : ppm
detection limit : 0.1
analytical method : INAA

Samarium by INAA

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	lmJHz	PJKu	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
Missing	548	149	69	93	43	1	50	4	9	1	10	8	36	0
Mean	16.77	17.84	16.50	16.55	14.78	17.45	19.57	19.31	14.98	21.11	17.29	11.50	12.96	16.67
Median	16.00	17.00	15.00	16.00	14.00	17.00	18.00	19.00	14.00	20.70	17.00	12.00	12.00	16.00
Mode	17.00	16.00	14.00	16.00	14.00	13.00	17.00	19.00	13.00	11.00	18.00	13.00	11.00	17.00
Range	72.5	53.7	72.5	27.3	31.2	23.0	29.6	28.8	24.5	31.6	19.4	17.1	8.5	10.0
St Dev	6.30	7.21	7.23	4.28	4.26	4.68	5.74	5.68	4.12	7.30	3.50	5.27	2.71	3.03
Coef Var	0.376	0.404	0.438	0.259	0.288	0.268	0.293	0.294	0.275	0.346	0.203	0.459	0.209	0.182
Log Mean	1.192	1.207	1.177	1.206	1.153	1.227	1.275	1.265	1.162	1.288	1.229	1.005	1.104	1.215
Geo Mean	15.55	16.10	15.02	16.06	14.22	16.85	18.85	18.40	14.53	19.42	16.93	10.11	12.71	16.42
Log StDv	0.184	0.227	0.212	0.106	0.122	0.116	0.117	0.141	0.106	0.204	0.092	0.240	0.090	0.078
Log CVar	0.155	0.188	0.180	0.088	0.106	0.094	0.092	0.112	0.091	0.159	0.075	0.239	0.081	0.064
Percntls														
Minimum	0.5	0.6	0.5	9.3	4.9	9.4	11.0	6.7	9.0	2.6	8.7	2.9	9.5	12.0
10th	10.0	10.0	10.0	12.0	11.0	12.0	14.0	11.0	11.0	11.0	12.0	4.1	9.5	12.0
20th	12.0	13.0	12.0	13.0	12.0	13.0	15.0	15.0	12.0	15.0	15.0	5.8	10.0	14.0
30th	13.0	15.0	14.0	14.0	12.0	14.0	17.0	16.0	13.0	17.0	16.0	6.3	11.0	15.0
40th	15.0	16.0	14.0	15.0	13.0	16.0	17.0	18.0	13.0	19.0	16.0	8.8	11.0	15.0
50th	16.0	17.0	15.0	16.0	14.0	17.0	18.0	19.0	14.0	20.7	17.0	12.0	12.0	16.0
60th	17.0	19.0	17.0	17.0	15.0	18.0	19.0	20.5	15.0	23.4	18.0	13.0	14.0	17.0
70th	19.0	20.2	18.0	18.0	16.0	20.0	20.5	21.8	16.0	26.4	18.0	14.0	14.0	17.0
80th	20.9	22.4	20.0	19.0	17.0	21.3	21.8	24.5	17.0	28.4	19.0	16.0	15.0	20.0
85th	22.2	23.8	21.1	20.7	18.0	22.6	25.5	25.0	17.0	28.6	20.0	17.0	15.0	20.0
90th	24.2	25.6	22.0	22.4	19.0	23.7	27.8	26.4	20.0	29.2	20.1	18.0	17.0	21.0
95th	27.8	31.8	26.1	23.6	21.4	24.8	29.9	27.9	21.7	30.4	22.7	20.0	17.0	21.0
98th	32.4	36.9	31.0	26.6	22.6	25.9	35.6	30.4	22.8	33.3	23.4	20.0	18.0	22.0
99th	35.5	38.1	44.0	29.2	25.5	29.8	35.6	30.4	22.8	34.2	28.1	20.0	18.0	22.0
Maximum	73.0	54.3	73.0	36.6	36.1	32.4	40.6	35.5	33.5	34.2	28.1	20.0	18.0	22.0

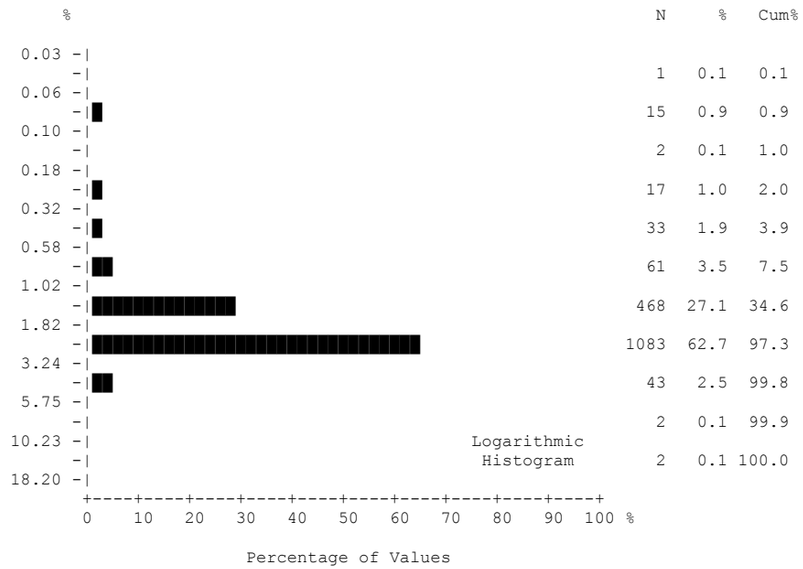
Scandium (Sc)

Stream Sediment

number of values	: 1727
units	: ppm
detection limit	: 0.2
analytical method	: INAA

Scandium by INAA

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	lmJHz	PJKu	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
Missing	548	149	69	93	43	1	50	4	9	1	10	8	36	0
Mean	2.02	2.03	1.90	2.07	1.92	1.99	2.32	1.92	2.00	2.34	2.03	2.34	2.07	1.87
Median	2.08	2.10	1.90	2.18	2.08	2.07	2.30	2.00	2.05	2.40	2.00	2.10	2.03	2.18
Mode	1.90	2.50	1.90	1.80	1.50	1.60	1.90	1.20	1.70	2.30	1.70	3.40	1.72	0.54
Range	13.06	5.60	11.50	3.72	2.59	1.82	2.86	3.30	2.22	3.30	2.40	3.50	0.91	1.85
St Dev	0.78	0.74	0.98	0.54	0.52	0.44	0.59	0.69	0.47	0.71	0.52	1.02	0.26	0.67
Coef Var	0.388	0.367	0.517	0.261	0.272	0.222	0.252	0.362	0.236	0.302	0.256	0.437	0.123	0.360
Log Mean	0.265	0.253	0.225	0.289	0.253	0.287	0.350	0.246	0.285	0.337	0.293	0.313	0.313	0.229
Geo Mean	1.84	1.79	1.68	1.95	1.79	1.94	2.24	1.76	1.93	2.17	1.96	2.06	2.06	1.70
Log StDv	0.224	0.278	0.250	0.181	0.203	0.110	0.120	0.202	0.131	0.197	0.120	0.252	0.052	0.224
Log CVar	0.848	1.104	1.117	0.627	0.807	0.382	0.344	0.826	0.461	0.585	0.409	0.805	0.167	0.979
Percntls														
Minimum	0.04	0.10	0.10	0.18	0.10	0.94	0.84	0.40	0.57	0.40	0.80	0.40	1.72	0.54
10th	1.20	1.10	1.00	1.50	1.30	1.30	1.60	1.00	1.40	1.40	1.40	0.90	1.72	0.54
20th	1.50	1.50	1.36	1.80	1.50	1.60	1.90	1.20	1.70	1.80	1.70	1.40	1.82	0.69
30th	1.80	1.80	1.60	2.00	1.80	1.80	2.00	1.50	1.80	2.20	1.70	1.70	1.83	1.80
40th	1.90	2.00	1.80	2.08	1.92	1.90	2.10	1.80	1.90	2.30	1.80	1.90	2.02	2.13
50th	2.08	2.10	1.90	2.18	2.08	2.07	2.30	2.00	2.05	2.40	2.00	2.10	2.03	2.18
60th	2.20	2.24	2.03	2.27	2.17	2.18	2.40	2.20	2.20	2.60	2.00	2.70	2.07	2.21
70th	2.31	2.40	2.15	2.36	2.25	2.27	2.60	2.30	2.33	2.80	2.20	3.10	2.12	2.23
80th	2.47	2.50	2.27	2.41	2.30	2.40	2.70	2.50	2.42	2.90	2.30	3.40	2.18	2.33
85th	2.52	2.66	2.35	2.43	2.36	2.47	3.00	2.60	2.43	3.00	2.70	3.50	2.32	2.33
90th	2.70	2.80	2.41	2.48	2.43	2.49	3.00	2.70	2.50	3.10	2.80	3.50	2.42	2.38
95th	3.00	3.00	2.70	2.55	2.47	2.52	3.50	2.90	2.53	3.10	2.80	3.80	2.42	2.38
98th	3.40	3.30	3.50	2.63	2.59	2.66	3.60	3.30	2.53	3.20	2.90	3.80	2.63	2.39
99th	3.60	3.40	4.30	3.50	2.66	2.68	3.60	3.30	2.53	3.70	3.20	3.90	2.63	2.39
Maximum	13.10	5.70	11.60	3.90	2.69	2.76	3.70	3.70	2.79	3.70	3.20	3.90	2.63	2.39

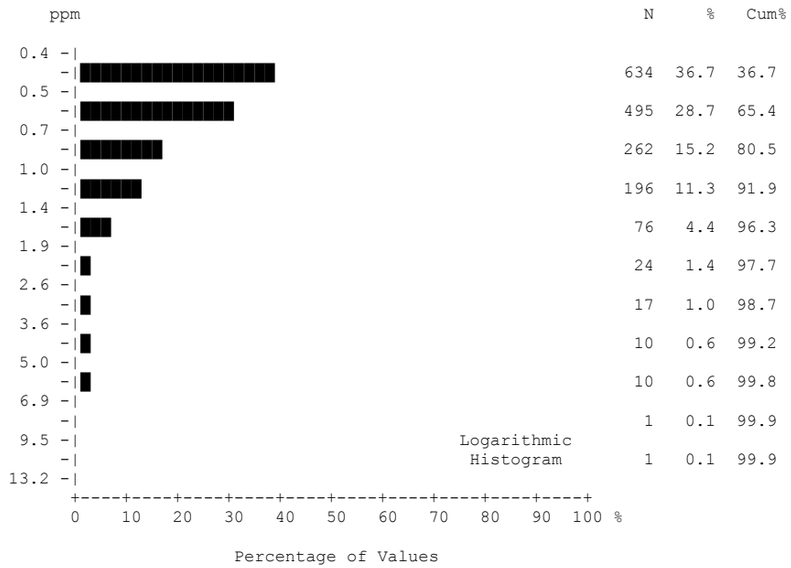
Sodium (Na)

Stream Sediment

number of values : 1727
units : %
detection limit : 0.02
analytical method : INAA

Sodium by INAA

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	lmJHz	PJKu	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1093	177	145	124	49	64	48	39	43	32	27	22	6	2
Missing	548	149	69	93	43	1	50	4	9	1	10	8	36	0
Mean	0.83	0.78	0.81	0.69	0.73	0.69	0.65	0.66	0.75	0.85	0.66	2.28	0.76	0.53
Median	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.70	0.70	0.60	1.00	0.50	0.50
Mode	0.50	0.50	0.50	0.50	0.50	0.60	0.50	0.50	0.80	0.50	0.50	0.50	0.50	0.50
Range	13.5	4.9	9.5	1.4	1.2	1.0	1.2	2.2	0.6	2.2	0.5	6.8	1.4	0.3
St Dev	0.75	0.54	0.74	0.24	0.30	0.20	0.19	0.31	0.19	0.42	0.14	2.14	0.46	0.09
Coef Var	0.898	0.701	0.914	0.349	0.409	0.284	0.287	0.464	0.250	0.495	0.217	0.939	0.606	0.166
Log Mean	-0.144	-0.162	-0.152	-0.184	-0.169	-0.174	-0.198	-0.203	-0.138	-0.112	-0.191	0.169	-0.169	-0.277
Geo Mean	0.72	0.69	0.70	0.65	0.68	0.67	0.63	0.63	0.73	0.77	0.64	1.48	0.68	0.53
Log StDv	0.196	0.186	0.189	0.126	0.153	0.110	0.101	0.132	0.109	0.181	0.092	0.414	0.202	0.061
Log CVar	-1.372	-1.148	-1.250	-0.687	-0.911	-0.634	-0.512	-0.654	-0.788	-1.633	-0.481	2.452	-1.198	-0.221
Percntls														
Minimum	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
10th	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
20th	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5
30th	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.6	0.6	0.5	0.7	0.5	0.5
40th	0.6	0.5	0.6	0.6	0.5	0.6	0.6	0.5	0.7	0.6	0.6	0.8	0.5	0.5
50th	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	1.0	0.5	0.5
60th	0.7	0.6	0.7	0.7	0.7	0.7	0.6	0.6	0.8	0.9	0.7	1.5	0.5	0.5
70th	0.8	0.8	0.8	0.7	0.8	0.7	0.7	0.7	0.8	1.0	0.7	3.2	0.7	0.5
80th	0.9	0.9	0.9	0.8	0.9	0.8	0.7	0.7	0.9	1.2	0.8	3.7	0.9	0.5
85th	1.0	1.0	1.0	0.9	1.0	0.9	0.8	0.8	1.0	1.2	0.8	5.3	0.9	0.5
90th	1.2	1.2	1.2	1.0	1.1	0.9	0.8	0.9	1.0	1.3	0.8	5.9	1.7	0.6
95th	1.7	1.7	1.7	1.1	1.3	1.0	1.0	1.2	1.1	1.4	0.9	6.4	1.7	0.6
98th	2.8	2.3	1.9	1.4	1.6	1.2	1.1	1.3	1.1	1.6	0.9	6.4	1.9	0.8
99th	4.1	3.9	3.0	1.7	1.7	1.3	1.1	1.3	1.1	2.7	1.0	7.3	1.9	0.8
Maximum	14.0	5.4	10.0	1.9	1.7	1.5	1.7	2.7	1.1	2.7	1.0	7.3	1.9	0.8

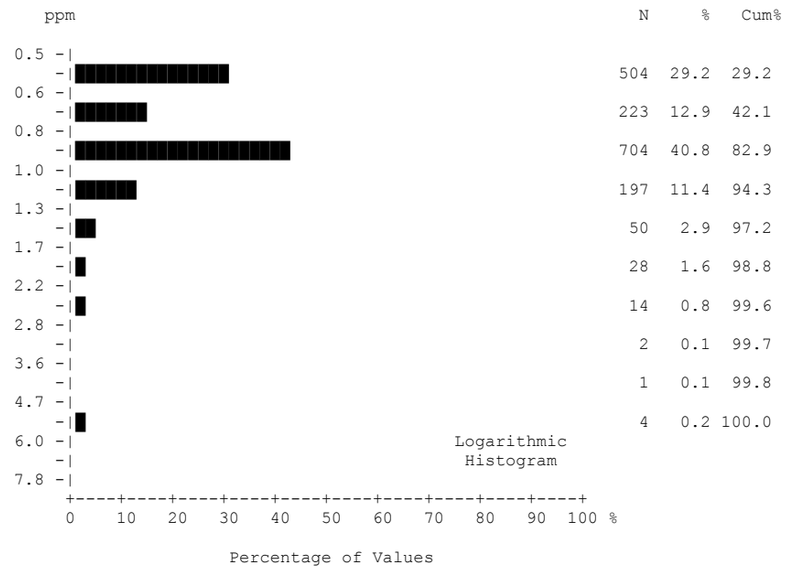
Tantalum (Ta)

Stream Sediment

number of values : 1727
units : ppm
detection limit : 0.5
analytical method : INAA

Tantalum by INAA

Summary Statistics - Stream Sites



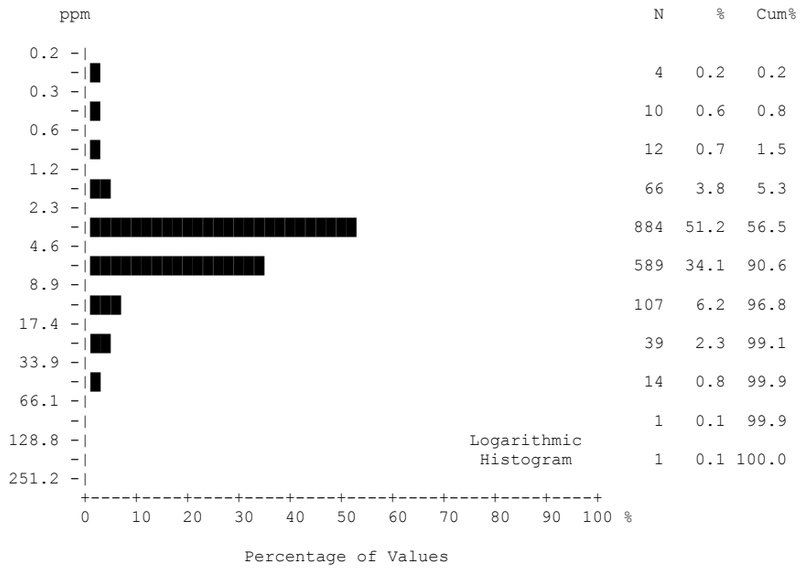
	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	lmJHz	PJKu	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1403	218	192	185	64	80	69	58	46	38	38	27	7	11
Missing	548	149	69	93	43	1	50	4	9	1	10	8	36	0
Mean	0.85	0.78	0.84	0.89	0.77	0.84	0.92	0.80	0.88	0.88	0.91	1.28	0.60	0.80
Median	0.80	0.70	0.80	0.80	0.70	0.80	0.90	0.80	0.90	0.90	0.90	1.20	0.50	0.80
Mode	0.50	0.50	0.50	0.80	0.50	0.80	0.80	0.90	0.90	1.00	0.90	1.20	0.50	0.60
Range	5.4	1.9	5.0	2.0	1.5	1.0	1.5	1.0	1.1	1.1	0.8	3.0	0.4	0.5
St Dev	0.40	0.30	0.43	0.31	0.30	0.20	0.23	0.24	0.24	0.25	0.17	0.62	0.13	0.18
Coef Var	0.463	0.383	0.517	0.351	0.388	0.237	0.249	0.303	0.277	0.286	0.189	0.486	0.217	0.226
Log Mean	-0.980	-0.136	-0.109	-0.070	-0.138	-0.088	-0.050	-0.116	-0.071	-0.074	-0.051	0.065	-0.230	-0.108
Geo Mean	0.80	0.73	0.78	0.85	0.73	0.82	0.89	0.77	0.85	0.84	0.89	1.16	0.59	0.78
Log StDv	0.151	0.147	0.151	0.128	0.145	0.102	0.990	0.127	0.124	0.130	0.083	0.191	0.087	0.104
Log CVar	-1.543	-1.086	-1.385	-1.861	-1.052	-1.162	-2.018	-1.094	-1.750	-1.775	-1.656	2.982	-0.378	-0.969
Percntls														
Minimum	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5
10th	0.5	0.5	0.5	0.6	0.5	0.6	0.7	0.5	0.5	0.5	0.7	0.7	0.5	0.5
20th	0.6	0.5	0.5	0.7	0.5	0.7	0.7	0.6	0.6	0.7	0.8	0.8	0.5	0.6
30th	0.7	0.5	0.6	0.7	0.6	0.7	0.8	0.6	0.8	0.8	0.8	0.8	0.5	0.7
40th	0.7	0.6	0.7	0.8	0.6	0.8	0.8	0.7	0.8	0.8	0.9	1.0	0.5	0.7
50th	0.8	0.7	0.8	0.8	0.7	0.8	0.9	0.8	0.9	0.9	0.9	1.2	0.5	0.8
60th	0.9	0.8	0.8	0.9	0.8	0.9	0.9	0.9	0.9	1.0	0.9	1.3	0.6	0.8
70th	0.9	0.9	0.9	1.0	0.9	0.9	1.0	0.9	1.0	1.0	1.0	1.5	0.6	0.9
80th	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.9	1.1	1.0	1.0	1.6	0.7	1.0
85th	1.1	1.1	1.0	1.1	1.0	1.0	1.1	1.0	1.1	1.1	1.1	1.8	0.7	1.0
90th	1.2	1.1	1.1	1.2	1.1	1.1	1.1	1.0	1.2	1.2	1.1	1.8	0.8	1.0
95th	1.4	1.2	1.3	1.3	1.4	1.2	1.3	1.3	1.3	1.3	1.1	2.2	0.8	1.0
98th	1.8	1.5	1.7	1.9	1.5	1.2	1.5	1.5	1.3	1.3	1.2	2.2	0.9	1.0
99th	2.2	1.9	2.4	2.3	1.9	1.4	1.5	1.5	1.3	1.6	1.4	3.5	0.9	1.0
Maximum	5.9	2.4	5.5	2.5	2.0	1.5	2.0	1.5	1.6	1.6	1.4	3.5	0.9	1.0

Terbium (Tb)
Stream Sediment

number of values : 1727
units : ppm
detection limit : 0.5
analytical method : INAA

Terbium by INAA

Summary Statistics - Stream Sites



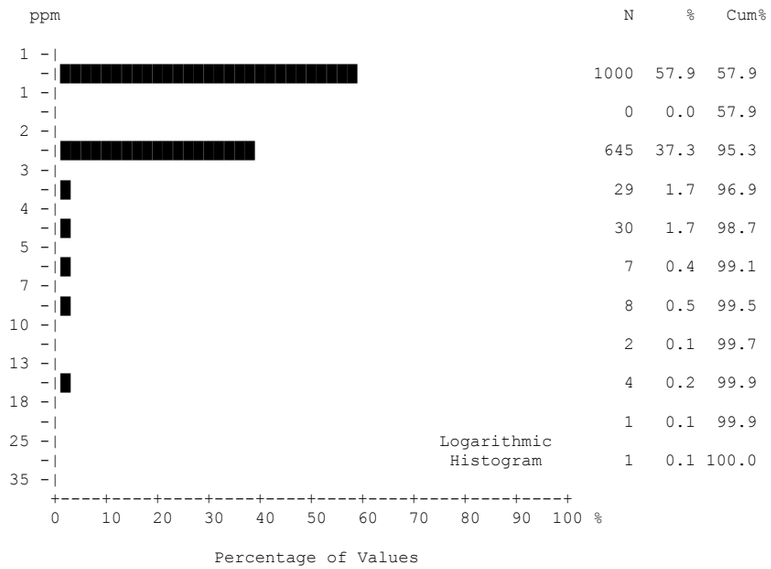
	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	lmJHz	PJKu	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1726	315	240	195	88	85	70	70	52	45	38	28	14	12
Missing	548	149	69	93	43	1	50	4	9	1	10	8	36	0
Mean	5.65	4.91	4.69	4.65	4.84	4.80	4.30	3.58	5.87	5.00	4.45	11.05	4.65	3.32
Median	4.20	3.80	4.10	4.20	4.40	4.20	4.10	3.40	5.80	4.50	4.60	9.40	4.60	3.20
Mode	3.50	2.90	3.50	3.50	4.10	3.80	3.20	2.60	3.80	4.00	4.60	13.00	4.60	3.70
Range	172.8	37.7	40.9	11.5	9.9	11.0	9.3	10.9	13.3	18.4	2.6	30.8	5.1	2.1
St Dev	6.97	4.11	3.20	1.68	1.75	2.01	1.34	1.44	2.13	2.86	0.66	7.46	1.65	0.60
Coef Var	1.234	0.838	0.682	0.362	0.361	0.418	0.311	0.403	0.363	0.572	0.149	0.675	0.354	0.180
Log Mean	0.657	0.600	0.619	0.644	0.658	0.652	0.619	0.527	0.745	0.644	0.643	0.946	0.638	0.514
Geo Mean	4.54	3.98	4.16	4.41	4.55	4.49	4.16	3.37	5.55	4.41	4.39	8.83	4.34	3.27
Log StDv	0.252	0.277	0.208	0.137	0.157	0.154	0.106	0.148	0.145	0.226	0.070	0.304	0.174	0.079
Log CVar	0.384	0.462	0.335	0.213	0.239	0.236	0.171	0.281	0.195	0.352	0.110	0.321	0.273	0.154
Percntls														
Minimum	0.2	0.3	0.4	2.5	1.1	2.0	2.7	1.1	2.7	0.6	3.0	3.1	2.1	2.4
10th	2.6	2.4	2.7	3.1	3.0	3.2	3.2	2.5	3.5	2.4	3.2	3.5	2.1	2.4
20th	3.2	2.7	3.2	3.4	3.4	3.5	3.4	2.6	3.8	2.9	3.9	3.8	2.6	2.5
30th	3.5	3.0	3.5	3.6	3.9	3.8	3.6	2.9	4.7	4.0	4.2	4.8	3.5	3.0
40th	3.9	3.4	3.8	3.9	4.1	3.9	3.9	3.2	5.2	4.1	4.5	6.9	4.6	3.1
50th	4.2	3.8	4.1	4.2	4.4	4.2	4.1	3.4	5.8	4.5	4.6	9.4	4.6	3.2
60th	4.7	4.3	4.5	4.5	4.9	4.7	4.3	3.6	6.4	4.8	4.8	13.0	4.8	3.3
70th	5.3	4.8	4.9	5.2	5.4	5.2	4.5	3.7	6.7	5.3	4.9	14.0	5.7	3.7
80th	6.2	5.8	5.4	5.8	6.0	5.9	4.7	4.0	7.2	5.7	4.9	15.0	5.7	3.7
85th	6.9	6.4	5.9	6.2	6.4	6.2	5.0	4.5	7.3	6.1	5.0	19.0	6.1	3.7
90th	8.5	8.7	6.3	6.6	7.0	6.6	5.3	4.8	7.5	8.1	5.1	20.2	7.1	3.8
95th	13.0	11.0	8.3	6.9	7.7	8.6	5.9	6.2	7.9	9.1	5.1	22.2	7.1	3.8
98th	22.2	20.0	12.0	9.1	8.7	12.0	8.3	6.4	10.0	10.0	5.3	22.2	7.2	4.5
99th	30.9	21.6	16.0	11.0	11.0	12.0	8.3	6.4	10.0	19.0	5.6	33.9	7.2	4.5
Maximum	173.0	38.0	41.3	14.0	11.0	13.0	12.0	12.0	16.0	19.0	5.6	33.9	7.2	4.5

Thorium (Th)
Stream Sediment

number of values : 1727
units : ppm
detection limit : 0.2
analytical method : INAA

Thorium by INAA

Summary Statistics - Stream Sites



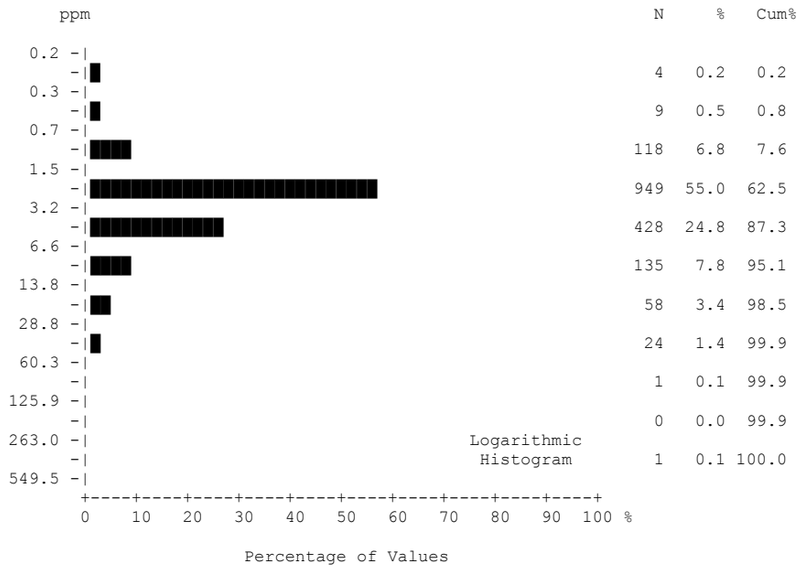
	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	lmJHz	PJKu	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	727	210	70	18	11	7	51	46	6	45	37	25	1	1
Missing	548	149	69	93	43	1	50	4	9	1	10	8	36	0
Mean	1.6	2.1	1.4	1.1	1.2	1.2	1.8	1.7	1.2	2.1	2.0	2.4	1.2	1.1
Median	1.0	2.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	2.0	2.0	2.0	1.0	1.0
Mode	1.0	2.0	1.0	1.0	1.0	1.0	2.0	2.0	1.0	2.0	1.0	2.0	1.0	1.0
Range	27	27	15	3	9	5	7	4	3	2	1	7	3	1
St Dev	1.36	2.35	1.25	0.40	1.04	0.69	0.88	0.64	0.50	0.33	0.16	1.67	0.80	0.29
Coef Var	0.855	1.142	0.864	0.362	0.839	0.590	0.484	0.373	0.434	0.160	0.082	0.686	0.660	0.266
Log Mean	0.144	0.233	0.104	0.031	0.049	0.036	0.230	0.206	0.041	0.312	0.293	0.327	0.043	0.025
Geo Mean	1.4	1.7	1.3	1.1	1.1	1.1	1.7	1.6	1.1	2.0	2.0	2.1	1.1	1.1
Log StDv	0.191	0.216	0.184	0.101	0.150	0.131	0.160	0.158	0.120	0.051	0.049	0.205	0.161	0.087
Log CVar	1.328	0.928	1.769	3.375	3.132	3.647	0.696	0.769	2.991	0.166	0.167	0.630	3.742	3.476
Percntls														
Minimum	1	1	1	1	1	1	1	1	1	2	1	1	1	1
10th	1	1	1	1	1	1	1	1	1	2	2	1	1	1
20th	1	1	1	1	1	1	1	1	1	2	2	2	1	1
30th	1	1	1	1	1	1	2	1	1	2	2	2	1	1
40th	1	2	1	1	1	1	2	2	1	2	2	2	1	1
50th	1	2	1	1	1	1	2	2	1	2	2	2	1	1
60th	2	2	1	1	1	1	2	2	1	2	2	2	1	1
70th	2	2	1	1	1	1	2	2	1	2	2	2	1	1
80th	2	2	2	1	1	1	2	2	1	2	2	2	1	1
85th	2	2	2	1	1	1	2	2	1	2	2	2	1	1
90th	2	2	2	1	2	1	2	2	2	2	2	2	1	1
95th	2	4	2	2	2	2	2	2	2	2	2	7	1	1
98th	4	7	4	2	2	3	3	3	2	3	2	7	4	2
99th	6	15	6	2	4	4	3	3	2	4	2	8	4	2
Maximum	28	28	16	4	10	6	8	5	4	4	2	8	4	2

Tungsten (W)
Stream Sediment

number of values : 1727
units : ppm
detection limit : 1
analytical method : INAA

Tungsten by INAA

Summary Statistics - Stream Sites



	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	lmJHz	PJKu	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	1725	315	239	195	88	85	70	70	52	45	38	28	14	12
Missing	548	149	69	93	43	1	50	4	9	1	10	8	36	0
Mean	4.56	3.49	3.88	3.34	3.76	4.10	2.58	2.63	4.70	3.76	2.39	16.68	3.01	3.30
Median	2.70	2.50	2.50	2.80	2.90	2.80	2.30	2.20	3.50	3.00	2.40	13.00	2.90	2.70
Mode	2.20	1.80	1.90	2.30	2.70	2.30	2.40	2.20	1.90	2.20	2.20	3.10	1.50	2.60
Range	297.8	29.1	43.0	12.8	22.9	41.3	5.8	13.1	46.3	17.7	1.7	74.7	6.3	4.7
St Dev	9.23	3.59	5.27	1.92	2.99	4.89	1.02	1.83	6.36	2.93	0.35	17.42	1.61	1.52
Coef Var	2.021	1.027	1.359	0.575	0.794	1.193	0.394	0.697	1.352	0.780	0.148	1.045	0.535	0.460
Log Mean	0.498	0.434	0.457	0.478	0.507	0.517	0.389	0.370	0.568	0.491	0.375	1.007	0.434	0.486
Geo Mean	3.15	2.72	2.86	3.00	3.21	3.29	2.45	2.35	3.70	3.10	2.37	10.17	2.72	3.06
Log StDv	0.306	0.276	0.282	0.186	0.220	0.240	0.133	0.183	0.240	0.274	0.065	0.458	0.197	0.167
Log CVar	0.616	0.635	0.617	0.389	0.434	0.465	0.341	0.496	0.423	0.558	0.173	0.455	0.455	0.344
Percntls														
Minimum	0.2	0.4	0.2	1.2	1.4	1.3	1.4	0.9	1.6	0.3	1.7	1.8	1.5	1.9
10th	1.7	1.3	1.6	1.9	1.8	2.0	1.8	1.6	2.0	1.9	2.1	2.4	1.5	1.9
20th	2.0	1.7	1.9	2.2	2.1	2.3	2.0	1.8	2.3	2.3	2.1	3.1	1.6	2.2
30th	2.2	1.9	2.1	2.3	2.5	2.4	2.1	2.0	2.9	2.5	2.2	4.3	2.0	2.6
40th	2.4	2.2	2.3	2.5	2.7	2.6	2.2	2.1	3.3	2.7	2.3	6.7	2.2	2.6
50th	2.7	2.5	2.5	2.8	2.9	2.8	2.3	2.2	3.5	3.0	2.4	13.0	2.9	2.7
60th	3.0	2.8	2.9	3.1	3.3	3.2	2.4	2.3	3.8	3.2	2.5	15.0	2.9	2.7
70th	3.6	3.4	3.3	3.5	3.9	3.8	2.5	2.5	4.0	3.6	2.6	19.0	3.3	3.0
80th	4.7	4.0	4.0	4.0	4.6	4.8	2.8	2.7	5.2	4.2	2.6	24.6	3.4	3.6
85th	5.7	4.8	4.5	4.5	4.8	5.4	3.0	2.9	5.3	4.8	2.7	28.5	3.7	3.6
90th	7.8	6.5	5.3	5.0	5.7	6.4	3.5	3.4	7.0	6.2	2.8	31.7	4.0	6.2
95th	13.0	9.0	8.2	6.3	8.5	7.7	5.0	6.1	7.4	10.0	2.9	57.9	4.0	6.2
98th	24.6	15.0	23.7	9.2	11.0	9.0	6.1	9.1	10.0	11.0	3.0	57.9	7.8	6.6
99th	34.6	22.3	31.9	11.0	13.0	20.2	6.1	9.1	10.0	18.0	3.4	76.5	7.8	6.6
Maximum	298.0	29.5	43.2	14.0	24.3	42.6	7.2	14.0	47.9	18.0	3.4	76.5	7.8	6.6

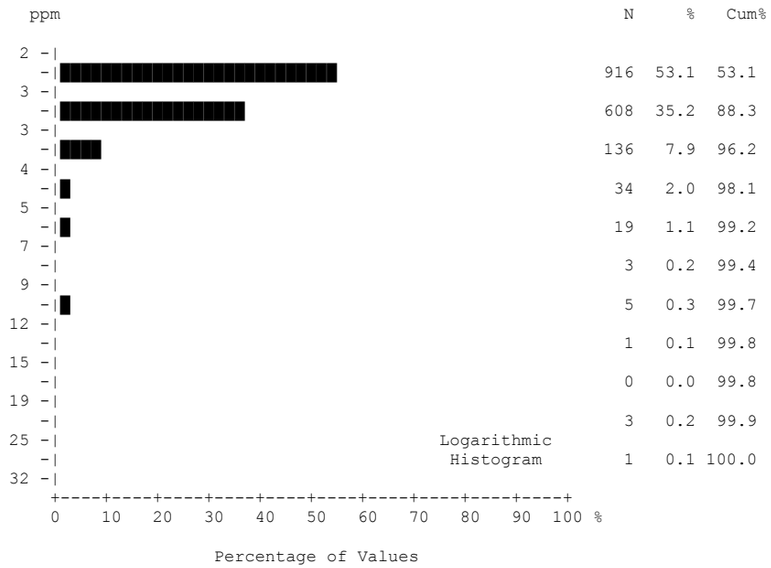
Uranium (U)

Stream Sediment

number of values	: 1727
units	: ppm
detection limit	: 0.2
analytical method	: INAA

Uranium by INAA

Summary Statistics - Stream Sites



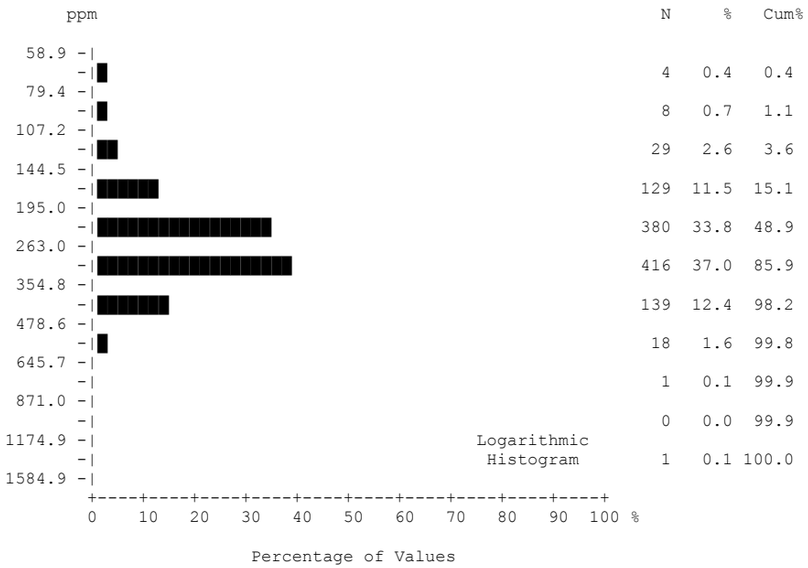
	All	TrJTk	MTrCc	ETEn	ETOo	MJqd	lmJHz	PJKu	uKKs	lJCl	lKSk	EKgd	LTQCh	TrJdr
N	1727	315	240	195	88	85	70	70	52	45	38	28	14	12
N > DL	810	119	104	92	34	39	50	40	25	29	26	20	5	6
Missing	548	149	69	93	43	1	50	4	9	1	10	8	36	0
Mean	2.7	2.5	2.7	2.6	2.6	2.5	3.1	2.8	2.6	2.8	2.8	4.3	2.4	2.5
Median	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.0	2.0	3.0	3.0	3.0	2.0	2.0
Mode	2.0	2.0	2.0	2.0	2.0	2.0	3.0	2.0	2.0	3.0	3.0	2.0	2.0	2.0
Range	26	5	19	9	6	2	3	3	3	4	2	9	1	1
St Dev	1.38	0.83	1.57	1.02	0.97	0.57	0.83	0.84	0.77	0.85	0.62	2.51	0.50	0.52
Coef Var	0.511	0.329	0.585	0.385	0.377	0.228	0.272	0.302	0.295	0.299	0.223	0.581	0.211	0.209
Log Mean	0.406	0.384	0.398	0.401	0.388	0.386	0.469	0.425	0.401	0.437	0.435	0.572	0.364	0.389
Geo Mean	2.5	2.4	2.5	2.5	2.4	2.4	2.9	2.7	2.5	2.7	2.7	3.7	2.3	2.4
Log StDv	0.135	0.118	0.138	0.124	0.127	0.096	0.122	0.122	0.116	0.119	0.990	0.235	0.088	0.092
Log CVar	0.331	0.308	0.347	0.310	0.326	0.248	0.261	0.288	0.289	0.273	0.229	0.411	0.241	0.236
Percntls														
Minimum	2	2	2	2	2	2	2	2	2	2	2	2	2	2
10th	2	2	2	2	2	2	2	2	2	2	2	2	2	2
20th	2	2	2	2	2	2	2	2	2	2	2	2	2	2
30th	2	2	2	2	2	2	3	2	2	2	2	2	2	2
40th	2	2	2	2	2	2	3	2	2	3	3	3	2	2
50th	2	2	2	2	2	2	3	3	2	3	3	3	2	2
60th	3	2	3	3	2	3	3	3	3	3	3	4	2	3
70th	3	3	3	3	3	3	4	3	3	3	3	5	3	3
80th	3	3	3	3	3	3	4	3	3	3	3	6	3	3
85th	3	3	3	3	3	3	4	3	3	3	3	7	3	3
90th	4	4	3	3	3	3	4	4	3	4	3	7	3	3
95th	4	4	4	4	4	3	4	5	4	4	4	10	3	3
98th	5	5	5	5	5	4	5	5	5	5	4	10	3	3
99th	7	5	9	7	6	4	5	5	5	6	4	11	3	3
Maximum	28	7	21	11	8	4	5	5	5	6	4	11	3	3

Ytterbium (Yb)
Stream Sediment

number of values : 1727
units : ppm
detection limit : 2
analytical method : INAA

Ytterbium by INAA

Summary Statistics - Stream Sites



	All	ETEn	MTrCc	TrJTk	MJqd	lmJHz	ETOo	uKKs	PJKu	TrJdr
N	1125	261	143	130	82	63	62	61	26	12
N > DL	1125	261	143	130	82	63	62	61	26	12
Missing	1150	27	166	334	4	57	69	0	48	0
Mean	274.8	285.1	273.9	240.5	294.9	241.8	284.9	316.0	264.2	220.0
Median	270.0	280.0	280.0	240.0	290.0	235.0	270.0	310.0	270.0	230.0
Mode	230.0	230.0	230.0	250.0	240.0	160.0	250.0	310.0	290.0	230.0
Range	1160	460	460	350	380	350	350	520	520	260
St Dev	85.49	79.10	72.16	66.12	70.80	83.59	69.24	76.95	118.33	62.96
Coef Var	0.311	0.277	0.263	0.275	0.240	0.346	0.243	0.244	0.448	0.286
Log Mean	2.419	2.437	2.421	2.364	2.458	2.359	2.442	2.487	2.377	2.328
Geo Mean	262.2	273.8	263.6	231.2	286.9	228.5	276.7	306.6	238.0	212.8
Log StDv	0.136	0.128	0.126	0.126	0.103	0.147	0.107	0.111	0.212	0.114
Log CVar	0.056	0.053	0.052	0.053	0.042	0.062	0.044	0.045	0.089	0.049
Percntls										
Minimum	60	60	70	80	150	110	150	110	70	130
10th	180	190	190	165	220	145	190	230	110	130
20th	210	220	220	180	240	165	230	250	150	160
30th	230	230	240	200	260	190	250	280	210	200
40th	250	260	260	230	280	200	260	300	220	200
50th	270	280	280	240	290	235	270	310	270	230
60th	290	300	290	250	300	245	290	330	280	230
70th	310	330	300	260	320	270	320	350	290	230
80th	340	350	320	290	330	295	350	370	340	230
85th	350	370	340	300	350	340	360	370	350	230
90th	380	390	350	330	390	360	360	400	400	230
95th	420	430	400	350	420	410	410	410	480	230
98th	470	470	430	400	490	440	420	490	480	390
99th	500	480	500	420	500	440	420	490	590	390
Maximum	1220	520	530	430	530	460	500	630	590	390

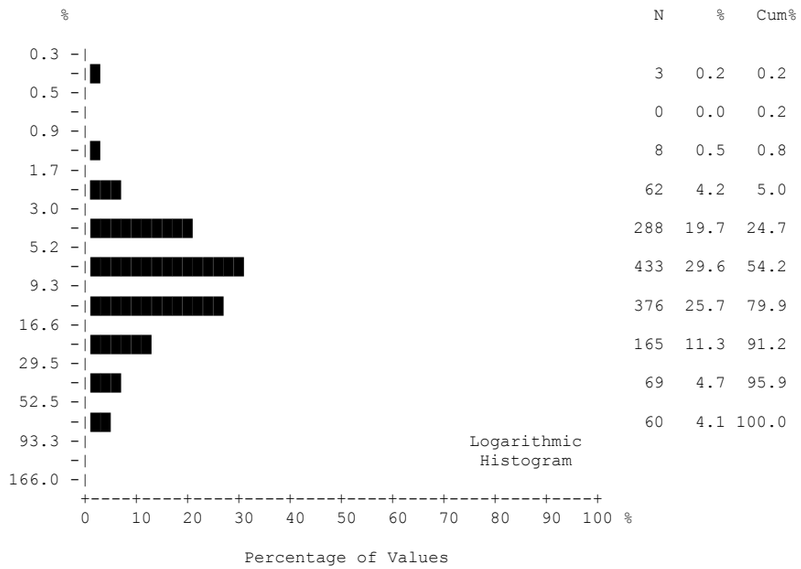
Fluorine (F)

Stream Sediment

number of values	: 1125
units	: ppm
detection limit	: 10
analytical method	: ION

Fluorine by ION

Summary Statistics - Stream Sites



	All	othr	TrJTk	MTrCc	ETOo	MJqd	lmJHz	uKKs	KTpg	LTQCh	PJKu	TrJdr	lKSk
N	1464	277	256	201	101	82	70	61	44	38	26	12	10
N > DL	1464	277	256	201	101	82	70	61	44	38	26	12	10
Missing	811	227	208	108	30	4	50	0	2	12	48	0	38
Mean	13.35	10.06	18.60	13.93	10.44	12.72	7.84	10.14	32.58	24.52	10.61	15.68	9.78
Median	8.70	8.10	10.40	8.60	7.70	9.40	6.10	7.70	16.80	14.80	7.70	13.30	6.60
Mode	4.00	4.00	5.00	3.80	5.00	8.00	4.00	4.40	13.60	5.60	5.30	5.20	3.00
Range	91.3	56.4	90.0	78.0	53.8	41.0	42.0	50.7	89.4	85.6	49.9	39.1	41.3
St Dev	14.65	7.86	19.97	16.15	9.02	9.11	6.83	8.23	27.80	24.42	10.12	11.09	11.75
Coef Var	1.097	0.782	1.073	1.160	0.864	0.716	0.871	0.812	0.853	0.996	0.954	0.707	1.202
Log Mean	0.967	0.901	1.073	0.986	0.910	1.008	0.798	0.900	1.336	1.161	0.917	1.109	0.769
Geo Mean	9.26	7.97	11.82	9.69	8.13	10.17	6.28	7.95	21.68	14.48	8.25	12.86	5.88
Log StDv	0.351	0.297	0.407	0.334	0.295	0.290	0.272	0.298	0.417	0.480	0.288	0.282	0.496
Log CVar	0.363	0.330	0.380	0.339	0.324	0.288	0.342	0.331	0.312	0.414	0.314	0.254	0.646
Percntls													
Minimum	0.3	0.3	1.0	2.4	2.2	2.7	2.0	2.0	2.2	1.0	2.6	5.2	0.5
10th	3.7	3.5	3.8	3.8	3.4	4.2	2.8	3.7	6.8	3.6	3.4	5.2	0.5
20th	4.7	4.3	5.2	5.1	4.6	5.6	3.4	4.1	9.0	5.6	5.1	6.1	3.0
30th	6.0	5.6	7.1	6.0	5.2	7.3	4.2	4.4	11.2	6.4	5.3	6.9	3.0
40th	7.3	7.0	8.9	7.6	6.2	8.0	5.4	5.4	13.6	9.4	6.9	11.2	5.6
50th	8.7	8.1	10.4	8.6	7.7	9.4	6.1	7.7	16.8	14.8	7.7	13.3	6.6
60th	10.4	9.2	13.0	10.7	9.0	10.3	7.0	10.0	28.4	17.6	9.0	14.4	7.3
70th	12.5	11.1	17.6	12.8	11.0	12.5	8.0	11.2	50.2	28.2	9.9	14.8	8.8
80th	16.6	12.7	27.0	15.4	14.0	21.2	10.4	15.4	62.4	50.6	12.2	20.8	9.2
85th	20.1	14.9	36.4	18.0	16.3	23.8	11.3	17.0	65.4	53.0	15.3	20.8	12.0
90th	27.2	18.6	50.2	25.4	18.3	26.3	13.0	18.8	75.2	63.2	16.2	26.4	12.0
95th	44.3	25.7	64.8	52.2	26.2	30.4	17.0	22.3	86.6	75.6	27.4	26.4	41.8
98th	71.4	36.2	83.6	77.6	40.8	33.8	36.9	27.9	87.8	76.6	27.4	44.3	41.8
99th	79.4	41.1	85.4	79.6	43.6	40.0	36.9	27.9	91.6	86.6	52.5	44.3	41.8
Maximum	91.6	56.7	91.0	80.4	56.0	43.7	44.0	52.7	91.6	86.6	52.5	44.3	41.8

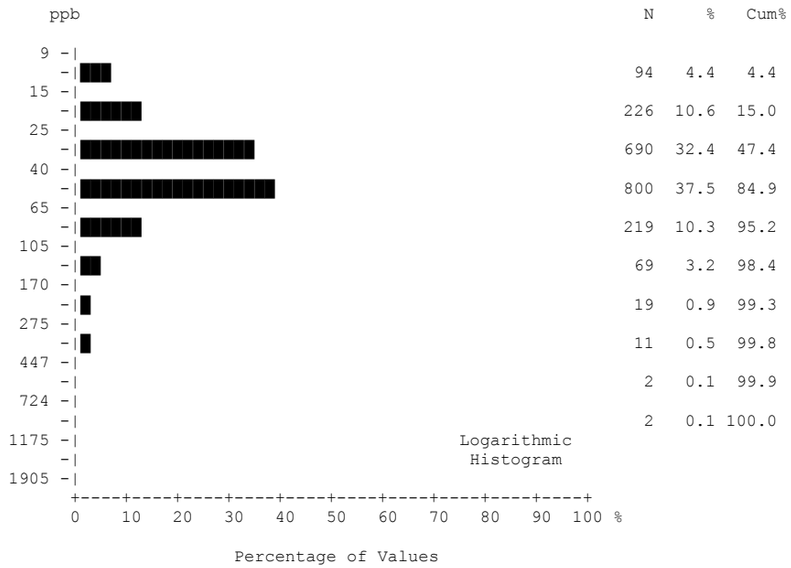
Loss on Ignition (LOI)

Stream Sediment

number of values : 1464
units : %
detection limit : 0.1
analytical method : GRAV

Loss on Ignition by GRAV

Summary Statistics - Stream Sites



	All	TrJTk	ETEn	MTrCc	ETOo	lmJHz	MJqd	PJKu	uKKs	lJCl	lKSk	KTpg	EKgd	LTQCh	TrJdr
N	2132	442	273	268	121	120	83	71	57	46	44	41	36	33	11
N > DL	2039	433	268	248	121	119	77	69	57	46	44	37	33	33	11
Missing	143	22	15	41	10	0	3	3	4	0	4	5	0	17	1
Mean	48.3	37.6	58.9	45.0	62.1	48.6	63.9	32.1	72.7	42.0	49.5	35.6	29.8	66.1	33.2
Median	40.0	36.0	50.0	40.0	50.0	40.0	40.0	30.0	50.0	36.0	44.0	30.0	28.0	52.0	20.0
Mode	40.0	30.0	40.0	40.0	40.0	40.0	30.0	20.0	40.0	28.0	34.0	26.0	32.0	40.0	20.0
Range	1140	130	280	150	310	140	590	56	410	216	80	100	50	144	80
St Dev	48.17	13.53	34.59	27.40	46.75	24.30	85.41	11.19	64.03	34.34	17.79	20.48	10.86	36.37	24.32
Coef Var	0.998	0.360	0.587	0.608	0.753	0.500	1.337	0.348	0.880	0.818	0.360	0.576	0.365	0.550	0.733
Log Mean	1.601	1.549	1.713	1.581	1.721	1.645	1.635	1.480	1.762	1.570	1.672	1.491	1.443	1.769	1.453
Geo Mean	39.9	35.4	51.6	38.1	52.6	44.2	43.1	30.2	57.9	37.2	47.0	31.0	27.7	58.8	28.4
Log StDv	0.248	0.155	0.223	0.258	0.232	0.183	0.348	0.156	0.277	0.174	0.134	0.232	0.176	0.203	0.229
Log CVar	0.155	0.100	0.130	0.163	0.135	0.111	0.213	0.105	0.157	0.111	0.080	0.156	0.122	0.115	0.158
Percntls															
Minimum	10	10	10	10	20	10	10	10	20	24	30	10	10	26	20
10th	20	24	30	20	28	28	20	20	30	26	34	10	20	36	20
20th	28	28	40	26	34	32	20	22	40	28	36	23	22	40	20
30th	30	30	40	30	40	36	30	26	40	30	38	26	26	42	20
40th	36	34	48	34	44	38	30	28	46	34	42	28	28	44	20
50th	40	36	50	40	50	40	40	30	50	36	44	30	28	52	20
60th	42	38	60	42	54	46	46	30	60	38	46	34	30	58	25
70th	50	41	60	50	68	50	60	36	78	40	50	36	32	74	30
80th	60	46	76	60	80	60	70	40	94	42	56	42	32	80	40
85th	66	50	84	70	88	60	90	42	100	42	62	48	38	90	40
90th	80	52	90	78	100	80	100	50	150	46	74	66	40	140	50
95th	100	60	120	100	110	110	160	52	160	56	90	74	50	140	50
98th	150	72	170	130	230	120	350	58	200	140	92	86	52	150	100
99th	220	80	210	140	300	130	360	58	200	240	110	110	60	170	100
Maximum	1150	140	290	160	330	150	600	66	430	240	110	110	60	170	100

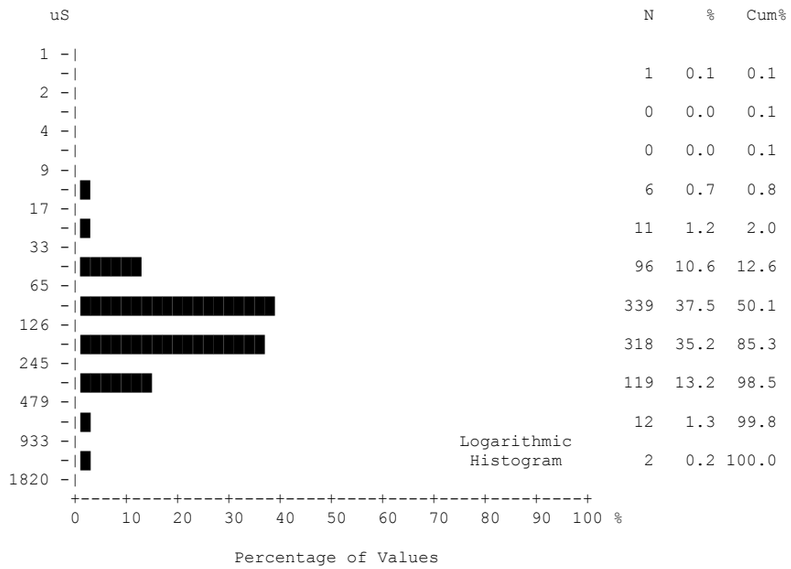
Fluoride (FW)

Stream Water

number of values	: 2132
units	: ppb
detection limit	: 10
analytical method	: ION

Fluoride by ION

Summary Statistics - Stream Sites



	All	ETEn	MTrCc	TrJTk	MJqd	ETOo	uKKs	PJKu	lmJHz	TrJdr
N	904	172	132	114	79	53	48	24	21	11
N > DL	904	172	132	114	79	53	48	24	21	11
Missing	1371	116	177	350	7	78	13	50	99	1
Mean	156.9	120.1	224.4	160.2	145.2	136.4	160.5	163.6	146.8	90.2
Median	125.0	100.0	200.0	144.0	115.0	110.0	140.0	142.0	137.0	69.0
Mode	90.0	61.0	59.0	130.0	75.0	70.0	90.0	73.0	64.0	70.0
Range	1682	614	690	486	416	577	417	224	297	234
St Dev	123.31	75.24	138.32	91.90	89.66	94.71	90.30	69.17	82.46	65.42
Coef Var	0.786	0.626	0.616	0.574	0.617	0.695	0.563	0.423	0.562	0.725
Log Mean	2.104	2.015	2.264	2.139	2.095	2.055	2.150	2.171	2.087	1.880
Geo Mean	127.1	103.5	183.6	137.6	124.6	113.4	141.3	148.3	122.3	75.9
Log StDv	0.285	0.234	0.293	0.246	0.235	0.272	0.215	0.204	0.288	0.252
Log CVar	0.135	0.116	0.129	0.115	0.112	0.133	0.100	0.094	0.138	0.134
Percntls										
Minimum	2	12	20	30	34	10	55	64	30	30
10th	60	58	80	59	67	56	83	73	36	30
20th	77	65	101	81	81	70	93	78	64	52
30th	93	75	128	109	93	85	101	112	74	55
40th	110	88	162	130	104	95	114	125	110	57
50th	125	100	200	144	115	110	140	142	137	69
60th	148	117	227	157	121	136	154	189	155	70
70th	174	137	264	180	142	154	171	218	194	70
80th	211	161	332	210	204	164	194	221	216	119
85th	243	173	396	229	237	178	262	223	231	119
90th	286	193	436	280	259	210	291	237	255	140
95th	370	261	455	310	348	295	329	282	267	140
98th	461	317	573	465	379	366	413	288	327	264
99th	566	340	629	510	395	366	472	288	327	264
Maximum	1684	626	710	516	450	587	472	288	327	264

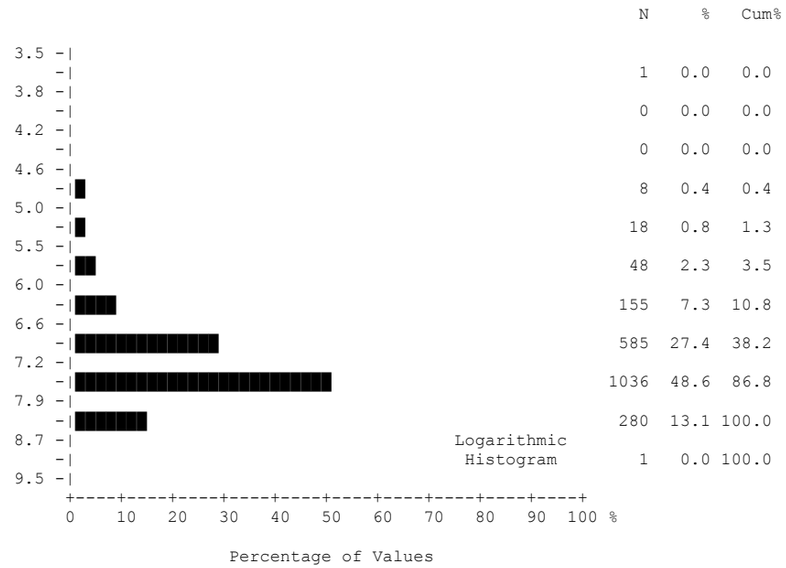
Conductivity (CND)

Stream Water

number of values	: 904
units	: uS
detection limit	: 1
analytical method	: ISE

Conductivity by ISE

Summary Statistics - Stream Sites



	All	TrJTk	ETEn	MTrCc	ETOo	lmJHz	MJqd	PJKu	uKKs	lJCl	lKSk	KTpg	EKgd	LTQCh	TrJdr
N	2132	442	273	268	121	120	83	71	57	46	44	41	36	33	11
N > DL	2132	442	273	268	121	120	83	71	57	46	44	41	36	33	11
Missing	143	22	15	41	10	0	3	3	4	0	4	5	0	17	1
Mean	7.33	7.27	7.40	7.48	7.03	7.23	7.67	7.62	7.76	7.02	7.20	6.22	7.18	7.16	7.23
Median	7.40	7.30	7.40	7.50	7.30	7.30	7.60	7.70	7.80	7.00	7.30	6.30	7.10	7.20	7.20
Mode	7.50	7.50	7.30	7.50	7.60	7.00	7.60	7.70	7.80	7.00	7.50	5.90	7.00	7.10	6.90
Range	5.2	3.7	4.8	3.7	3.5	3.2	1.5	1.6	1.7	2.6	2.5	3.0	1.9	2.4	1.0
St Dev	0.60	0.52	0.65	0.57	0.88	0.56	0.36	0.36	0.47	0.46	0.48	0.70	0.36	0.60	0.29
Coef Var	0.082	0.072	0.088	0.076	0.124	0.077	0.047	0.047	0.060	0.065	0.067	0.113	0.051	0.084	0.041
Log Mean	0.864	0.860	0.867	0.873	0.844	0.858	0.884	0.882	0.889	0.845	0.856	0.791	0.855	0.854	0.859
Geo Mean	7.31	7.25	7.37	7.46	6.98	7.21	7.66	7.61	7.75	7.00	7.18	6.19	7.17	7.14	7.22
Log StDv	0.038	0.033	0.042	0.035	0.056	0.036	0.020	0.021	0.027	0.030	0.031	0.050	0.022	0.038	0.017
Log CVar	0.044	0.038	0.048	0.040	0.067	0.042	0.023	0.024	0.030	0.036	0.036	0.063	0.026	0.044	0.020
Percntls															
Minimum	3.7	4.6	3.7	5.2	5.0	4.9	7.0	6.7	6.7	5.1	5.4	4.8	6.1	5.7	6.9
10th	6.6	6.6	6.7	6.8	5.7	6.6	7.2	7.0	7.1	6.4	6.5	5.2	6.9	6.1	6.9
20th	6.9	6.9	7.0	7.1	6.2	6.9	7.4	7.4	7.2	6.7	6.9	5.6	6.9	6.6	6.9
30th	7.1	7.0	7.1	7.3	6.4	7.0	7.5	7.5	7.6	7.0	7.1	5.9	7.0	6.7	7.0
40th	7.3	7.2	7.3	7.4	6.7	7.2	7.5	7.6	7.8	7.0	7.2	6.0	7.0	7.1	7.1
50th	7.4	7.3	7.4	7.5	7.3	7.3	7.6	7.7	7.8	7.0	7.3	6.3	7.1	7.2	7.2
60th	7.5	7.5	7.6	7.6	7.6	7.4	7.7	7.7	8.0	7.1	7.4	6.4	7.2	7.4	7.2
70th	7.6	7.6	7.7	7.8	7.6	7.6	7.8	7.8	8.1	7.2	7.5	6.6	7.3	7.5	7.3
80th	7.8	7.7	8.0	7.9	7.7	7.7	8.0	7.9	8.2	7.3	7.5	6.8	7.4	7.7	7.4
85th	7.9	7.8	8.2	8.0	7.9	7.7	8.2	8.0	8.2	7.4	7.6	6.8	7.6	7.7	7.4
90th	8.0	7.9	8.2	8.1	8.1	7.8	8.2	8.0	8.3	7.5	7.6	7.0	7.6	7.8	7.5
95th	8.2	8.0	8.3	8.3	8.3	7.9	8.3	8.1	8.3	7.7	7.7	7.1	7.7	7.9	7.5
98th	8.3	8.1	8.4	8.4	8.4	8.0	8.4	8.3	8.4	7.7	7.9	7.8	7.8	8.0	7.9
99th	8.4	8.2	8.4	8.5	8.4	8.0	8.5	8.3	8.4	7.7	7.9	7.8	8.0	8.1	7.9
Maximum	8.9	8.3	8.5	8.9	8.5	8.1	8.5	8.3	8.4	7.7	7.9	7.8	8.0	8.1	7.9

pH

Stream Water

number of values	: 2132
units	:
detection limit	: 0.1
analytical method	: ISE

pH by ISE