



Regional Stream Sediment and Water Geochemical Data

PINE PASS (NTS 930), BRITISH COLUMBIA

***** APPENDIX B – SUMMARY STATISTICS *****

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Notes:

- Calculations ignore missing values and analytical results from the second ($STA=20$) of paired field duplicate samples.
- Data reported by the labs at less than detection limit is set at half the detection limit.
- Geological sub-divisions were determined from Massey *et al.*, 2005.

Summary Statistics

Variable	S T R E A M S E D I M E N T																
	Al	Sb	As	Ba	Bi	Cd	Ca	Cr	Co	Cu	Ga	Fe	La	Pb	Mg	Mn	Hg
Units	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	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	0.01	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
N	854	854	854	854	854	854	854	854	854	854	854	854	854	854	854	854	854
N > DL	854	853	854	854	847	854	854	854	854	854	854	854	854	854	854	854	823
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.67	0.69	7.88	141.31	0.13	1.08	1.58	14.48	7.68	14.77	2.45	1.91	10.97	12.69	0.56	422.9	43.73
Median	0.58	0.36	6.90	118.10	0.10	0.36	0.73	12.00	6.20	12.96	2.10	1.64	7.50	11.69	0.40	315.0	40.00
Mode	0.35	0.20	6.90	28.00	0.06	0.06	0.45	10.00	3.80	9.20	1.40	0.88	3.50	11.41	0.44	179.0	15.00
Range	2.62	11.60	44.7	771.3	3.53	23.71	9.88	89.5	34.1	71.02	8.9	5.85	60.0	48.52	7.22	7238	287.5
St Dev	0.40	1.18	4.97	111.47	0.15	2.36	2.21	10.23	4.64	7.96	1.39	0.96	8.82	5.65	0.74	447.00	30.14
Coef Var	0.591	1.696	0.631	0.789	1.139	2.177	1.395	0.707	0.605	0.539	0.567	0.504	0.804	0.445	1.308	1.057	0.689
Log Mean	-0.253	-0.413	0.825	2.008	-0.969	-0.423	-0.055	1.079	0.820	1.115	0.322	0.232	0.924	1.063	-0.404	2.513	1.526
Geo Mean	0.56	0.39	6.68	101.76	0.11	0.38	0.88	12.00	6.61	13.03	2.10	1.71	8.39	11.55	0.39	325.7	33.56
Log StDv	0.274	0.424	0.256	0.370	0.269	0.586	0.434	0.260	0.232	0.217	0.243	0.204	0.311	0.196	0.332	0.297	0.349
Log CVar	-1.083	-1.026	0.311	0.184	-0.278	-1.390	-7.893	0.241	0.282	0.195	0.754	0.882	0.337	0.185	-0.823	0.118	0.229
Percntls																	
Minimum	0.07	0.02	0.8	11.0	0.01	0.03	0.12	1.5	1.0	1.58	0.3	0.26	1.0	0.64	0.05	32	2.5
10th	0.23	0.12	3.1	30.2	0.06	0.07	0.28	5.5	3.6	6.95	1.0	0.95	3.5	7.20	0.15	142	10.0
20th	0.31	0.17	4.8	41.0	0.06	0.10	0.39	7.0	4.1	8.69	1.2	1.12	4.2	8.32	0.20	177	15.0
30th	0.38	0.22	5.6	56.0	0.08	0.14	0.48	8.5	4.7	10.13	1.5	1.29	4.7	9.42	0.27	208	25.0
40th	0.46	0.30	6.3	81.8	0.09	0.23	0.59	10.0	5.2	11.35	1.8	1.45	6.0	10.51	0.34	255	30.0
50th	0.58	0.36	6.9	118.1	0.10	0.36	0.73	12.0	6.2	12.96	2.1	1.64	7.5	11.69	0.40	315	40.0
60th	0.74	0.44	7.6	151.0	0.12	0.50	0.91	13.9	7.3	14.47	2.5	1.88	10.0	12.88	0.44	390	45.0
70th	0.87	0.56	8.5	188.0	0.14	0.70	1.30	16.3	8.9	16.55	3.0	2.24	12.5	14.31	0.53	481	55.0
80th	1.02	0.72	9.7	220.5	0.18	1.08	2.01	20.0	10.8	19.83	3.5	2.61	17.5	16.36	0.66	593	65.0
85th	1.13	0.94	11.1	241.5	0.20	1.41	2.56	22.5	12.1	22.36	3.9	2.83	20.5	17.54	0.80	670	70.0
90th	1.25	1.36	12.9	284.4	0.24	2.38	3.84	25.0	13.6	24.74	4.3	3.19	24.0	19.23	0.95	758	80.0
95th	1.38	2.62	17.3	356.5	0.30	5.58	7.94	32.0	16.5	29.56	5.0	3.75	30.0	22.70	1.51	964	95.0
98th	1.59	4.40	22.1	439.5	0.38	8.62	10.00	45.5	21.3	37.30	6.1	4.61	34.5	27.93	2.55	1354	115.0
99th	1.67	6.04	25.5	496.7	0.45	11.96	10.00	53.5	24.1	44.68	6.7	5.18	36.0	31.30	4.56	1765	130.0
Maximum	2.69	11.62	45.5	782.3	3.54	23.74	10.00	91.0	35.1	72.60	9.2	6.11	61.0	49.16	7.27	7270	290.0

Summary Statistics

Variable	S T R E A M S E D I M E N T																		
	Mo	Ni	P	K	Sc	Se	Ag	Na	Sr	S	Te	Tl	Th	Ti	W	U	V	Zn	
	Units D.L. Anal Mth	ppm 0.01 ICPMS	ppm 0.1 ICPMS	% 0.001 ICPMS	% 0.01 ICPMS	ppm 0.1 ICPMS	ppm 0.1 ICPMS	ppb 2 ICPMS	% 0.001 ICPMS	ppm 0.5 ICPMS	% 0.01 ICPMS	ppm 0.02 ICPMS	ppm 0.02 ICPMS	ppm 0.1 ICPMS	% 0.001 ICPMS	ppm 0.1 ICPMS	ppm 0.1 ICPMS	ppm 2 ICPMS	ppm 0.1 ICPMS
N	854	854	854	854	854	854	854	854	854	854	854	854	854	854	854	854	854	854	854
N > DL	854	854	854	850	854	735	854	854	854	827	179	745	854	551	9	854	848	854	854
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	1.79	22.33	0.12	0.05	2.05	1.03	138.6	0.03	47.18	0.05	0.02	0.19	2.99	0.01	0.10	1.21	32.3	86.84	
Median	0.70	19.70	0.09	0.04	1.80	0.90	120.0	0.03	28.50	0.04	0.01	0.08	2.00	0.002	0.10	0.80	16.0	65.00	
Mode	0.36	15.10	0.07	0.04	1.70	0.05	10.0	0.02	20.50	0.04	0.01	0.04	1.30	0.001	0.10	0.60	14.0	49.00	
Range	43.37	173.3	0.968	0.255	9.8	5.95	1130	0.118	858.5	0.57	0.23	10.91	30.8	0.084	0.7	11.9	773	1262.9	
St Dev	3.68	12.34	0.16	0.03	1.04	0.86	128.51	0.01	68.08	0.04	0.02	0.54	2.61	0.02	0.03	1.13	51.62	89.10	
Coef Var	2.050	0.553	1.283	0.627	0.506	0.841	0.927	0.338	1.443	0.756	1.007	2.791	0.873	1.658	0.333	0.928	1.598	1.026	
Log Mean	-0.051	1.304	-1.022	-1.332	0.265	-0.198	1.852	-1.600	1.514	-1.341	-1.775	-1.054	0.364	-2.442	-0.995	-0.015	1.304	1.846	
Geo Mean	0.89	20.12	0.10	0.05	1.84	0.63	71.1	0.03	32.64	0.05	0.02	0.09	2.31	0.00	0.10	0.97	20.1	70.20	
Log StDv	0.428	0.192	0.240	0.231	0.202	0.511	0.595	0.127	0.323	0.263	0.280	0.462	0.294	0.597	0.053	0.268	0.373	0.251	
Log CVar	-8.553	0.147	-0.235	-0.173	0.762	-2.594	0.321	-0.080	0.214	-0.196	-0.158	-0.439	0.811	-0.244	-0.053	-19.162	0.286	0.136	
Percntls																			
Minimum	0.15	4.0	0.022	0.005	0.4	0.05	10	0.005	5.5	0.01	0.01	0.01	0.3	0.001	0.1	0.2	1	10.1	
10th	0.32	12.5	0.059	0.027	1.0	0.05	10	0.017	15.5	0.02	0.01	0.02	1.1	0.001	0.1	0.5	8	39.1	
20th	0.41	14.7	0.066	0.030	1.3	0.20	10	0.019	19.3	0.03	0.01	0.04	1.3	0.001	0.1	0.6	11	48.0	
30th	0.51	16.2	0.074	0.033	1.5	0.50	60	0.021	22.2	0.04	0.01	0.06	1.5	0.001	0.1	0.7	13	53.1	
40th	0.61	17.9	0.079	0.040	1.7	0.70	80	0.023	25.2	0.04	0.01	0.06	1.7	0.002	0.1	0.7	14	58.6	
50th	0.70	19.7	0.086	0.044	1.8	0.90	120	0.025	28.5	0.04	0.01	0.08	2.0	0.002	0.1	0.8	16	65.0	
60th	0.87	21.8	0.093	0.050	2.1	1.10	160	0.027	33.5	0.06	0.02	0.10	2.3	0.003	0.1	1.0	20	72.7	
70th	1.07	24.0	0.104	0.060	2.3	1.30	200	0.029	40.0	0.06	0.02	0.12	3.1	0.007	0.1	1.3	26	82.8	
80th	1.51	27.7	0.117	0.070	2.6	1.58	240	0.032	52.2	0.08	0.04	0.16	4.6	0.012	0.1	1.6	39	96.4	
85th	2.26	30.5	0.132	0.080	2.9	1.70	260	0.033	64.5	0.08	0.04	0.22	5.3	0.026	0.1	1.8	48	111.8	
90th	3.99	34.8	0.155	0.090	3.4	2.10	300	0.036	85.7	0.08	0.04	0.38	6.4	0.042	0.1	2.3	70	142.0	
95th	7.18	41.9	0.249	0.111	3.9	2.60	360	0.041	141.0	0.11	0.06	0.66	7.9	0.053	0.1	3.0	110	223.0	
98th	13.27	56.6	0.980	0.160	5.1	3.30	440	0.048	265.5	0.17	0.08	1.30	10.6	0.063	0.1	4.7	166	296.9	
99th	16.32	65.4	0.990	0.200	5.6	4.30	500	0.053	297.0	0.20	0.10	1.80	12.3	0.072	0.1	5.7	252	513.4	
Maximum	43.52	177.3	0.990	0.260	10.2	6.00	1140	0.123	864.0	0.58	0.24	10.92	31.1	0.085	0.8	12.1	774	1273.0	

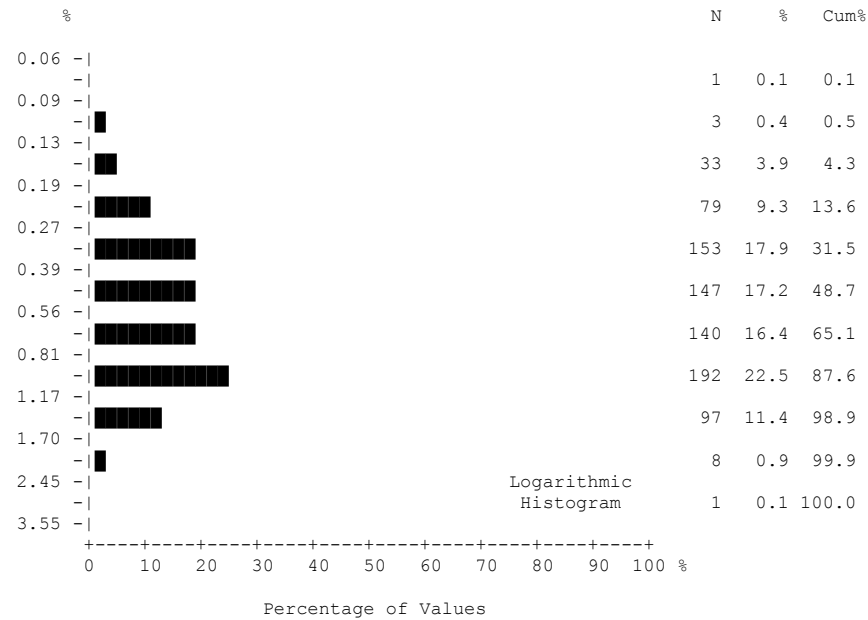
Summary Statistics

Variable	S T R E A M S E D I M E N T																	
	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	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	854	854	854	854	854	854	854	854	854	854	854	854	854	854	854	854	854	854
N > DL	842	852	854	847	853	852	849	658	261	166	853	854	854	588	199	854	854	854
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	1.11	7.37	619.4	4.28	91.0	2.70	71.9	9.32	1.17	2.4	10.7	2.49	44.2	0.37	1.80	67.2	6.80	8.70
Median	0.80	6.00	530.0	3.00	56.0	2.50	68.0	8.00	0.50	1.0	10.0	2.10	29.0	0.30	0.50	64.0	4.60	8.10
Mode	0.80	10.00	530.0	1.00	150.0	2.20	60.0	2.50	0.50	1.0	10.0	1.30	19.0	0.30	0.50	110.0	3.70	10.00
Range	13.5	46.5	2223	64.45	1005	7.5	540	39.5	5.5	149	49	6.6	493	1.2	44.5	170	67.5	30.4
St Dev	1.42	5.16	281.93	4.74	81.48	1.16	34.56	5.88	0.97	7.70	6.03	1.23	37.82	0.23	3.72	25.43	5.34	3.78
Coef Var	1.277	0.699	0.455	1.108	0.896	0.431	0.480	0.631	0.830	3.178	0.562	0.496	0.856	0.628	2.066	0.378	0.785	0.435
Log Mean	-0.120	0.785	2.752	0.482	1.839	0.392	1.825	0.883	-0.051	0.154	0.959	0.344	1.541	-0.531	-0.053	1.796	0.744	0.901
Geo Mean	0.76	6.09	565.5	3.03	69.0	2.47	66.8	7.63	0.89	1.4	9.1	2.21	34.8	0.29	0.88	62.5	5.54	7.96
Log StDv	0.351	0.275	0.185	0.352	0.309	0.186	0.164	0.286	0.307	0.303	0.269	0.212	0.285	0.300	0.414	0.171	0.262	0.185
Log CVar	-2.947	0.350	0.067	0.729	0.168	0.476	0.090	0.325	-6.023	1.970	0.281	0.615	0.185	-0.567	-7.815	0.095	0.352	0.205
Percentls																		
Minimum	0.1	0.5	77	0.25	5	0.3	10	2.5	0.5	1	1	0.5	5	0.1	0.5	10	1.4	1.9
10th	0.3	3.1	360	1.10	32	1.4	45	2.5	0.5	1	3	1.2	17	0.1	0.5	36	2.9	4.5
20th	0.4	4.2	410	1.50	38	1.7	53	5.0	0.5	1	7	1.4	20	0.1	0.5	45	3.3	5.5
30th	0.5	4.8	460	1.90	43	2.0	59	6.0	0.5	1	8	1.6	22	0.2	0.5	52	3.7	6.3
40th	0.6	5.5	500	2.50	49	2.2	63	7.0	0.5	1	9	1.9	26	0.3	0.5	58	4.1	7.0
50th	0.8	6.0	530	3.00	56	2.5	68	8.0	0.5	1	10	2.1	29	0.3	0.5	64	4.6	8.1
60th	0.8	6.9	590	3.70	71	2.8	73	9.0	1.0	1	11	2.5	36	0.4	0.5	71	5.6	9.0
70th	1.0	7.9	680	4.60	110	3.1	78	11.0	2.0	1	12	3.0	49	0.4	1.0	78	7.6	10.0
80th	1.3	10.0	820	5.90	150	3.6	85	13.0	2.0	2	14	3.6	68	0.5	2.0	86	10.4	12.0
85th	1.5	11.0	910	6.80	170	3.8	89	15.0	2.0	3	16	3.8	78	0.6	2.0	92	11.6	12.0
90th	2.0	13.0	1000	8.20	190	4.1	97	17.0	3.0	3	18	4.2	88	0.7	4.0	100	13.1	14.0
95th	3.6	17.0	1100	11.00	230	5.0	110	20.0	3.0	5	22	4.9	110	0.8	8.0	110	15.8	16.0
98th	6.2	22.0	1300	17.00	300	5.9	150	25.0	4.0	10	27	5.6	150	1.0	13.0	130	19.8	18.0
99th	7.7	25.0	1500	21.00	350	6.4	190	27.0	4.0	29	31	5.9	170	1.0	17.0	140	22.7	20.9
Maximum	13.6	47.0	2300	64.70	1010	7.8	550	42.0	6.0	150	50	7.1	498	1.3	45.0	180	68.9	32.3

Summary Statistics

Variable	S T R E A M S E D I M E N T							W A T E R				
	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	854	854	854	854	854	854	854	854	854	794	794	794
N > DL	854	747	484	854	175	854	282	854	854	784	794	794
Missing	0	0	0	0	0	0	0	0	0	60	60	60
Mean	0.65	1.13	0.72	11.82	0.97	3.69	2.2	434.3	8.13	50.3	175.5	7.70
Median	0.50	0.90	0.60	7.50	0.50	3.00	1.0	400.0	6.80	37.0	174.0	7.83
Mode	1.00	0.80	0.25	10.00	0.50	2.30	1.0	380.0	4.90	26.0	90.0	8.11
Range	2.56	4.85	5.65	171.0	5.5	27.2	7	1268	86.1	1295	1133	2.95
St Dev	0.51	0.73	0.53	11.20	0.76	2.32	1.54	173.31	5.68	70.40	111.58	0.47
Coef Var	0.796	0.643	0.736	0.948	0.786	0.628	0.711	0.399	0.699	1.400	0.636	0.061
Log Mean	-0.321	-0.028	-0.244	0.961	-0.107	0.512	0.240	2.607	0.837	1.583	2.142	0.885
Geo Mean	0.48	0.94	0.57	9.14	0.78	3.25	1.7	404.2	6.87	38.2	138.7	7.68
Log StDv	0.345	0.270	0.301	0.293	0.261	0.206	0.278	0.165	0.249	0.294	0.337	0.028
Log CVar	-1.077	-10.013	-1.234	0.305	-2.436	0.403	1.162	0.063	0.298	0.186	0.158	0.031
Percntls												
Minimum	0.03	0.25	0.25	2.0	0.5	0.7	1	32	0.3	5	5	5.48
10th	0.16	0.50	0.25	4.4	0.5	1.9	1	250	3.4	17	38	6.98
20th	0.22	0.60	0.25	5.2	0.5	2.3	1	310	4.3	22	77	7.32
30th	0.27	0.70	0.25	5.8	0.5	2.5	1	350	5.2	26	115	7.54
40th	0.36	0.80	0.50	6.7	0.5	2.7	1	370	6.1	31	149	7.71
50th	0.50	0.90	0.60	7.5	0.5	3.0	1	400	6.8	37	174	7.83
60th	0.65	1.00	0.70	9.3	1.0	3.4	2	430	7.9	43	196	7.91
70th	0.80	1.30	0.90	13.0	1.0	4.1	3	470	9.0	51	221	8.01
80th	0.93	1.70	1.20	18.0	2.0	4.8	4	540	10.6	67	256	8.09
85th	1.10	1.90	1.30	20.6	2.0	5.2	4	580	11.9	77	274	8.11
90th	1.40	2.10	1.40	23.6	2.0	5.9	5	670	14.0	91	290	8.17
95th	1.70	2.50	1.60	28.5	2.0	7.3	5	790	17.3	120	331	8.22
98th	2.20	3.20	2.00	39.6	3.0	10.0	6	930	23.7	150	388	8.28
99th	2.32	3.40	2.30	49.6	4.0	12.0	6	980	28.6	210	424	8.33
Maximum	2.59	5.10	5.90	173.0	6.0	27.9	8	1300	86.4	1300	1138	8.43

Summary Statistics



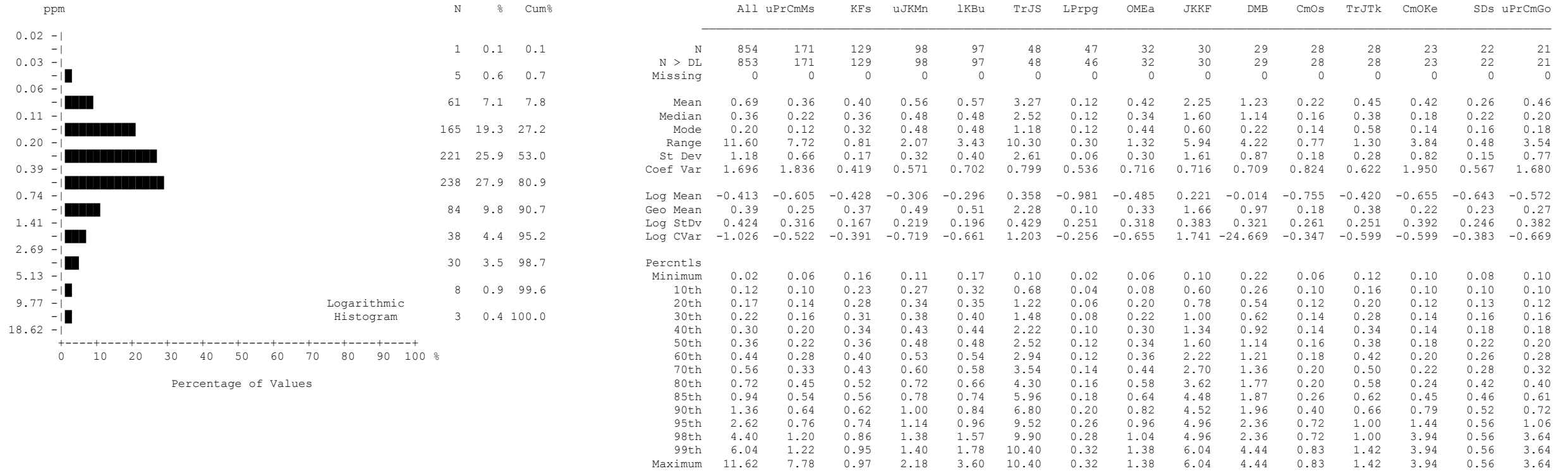
	All	uPrCmMs	KFs	uJKMn	lKBu	TrJS	LPrpg	OMeA	JKKF	DMB	CmOs	TrJTk	CmOke	SDs	uPrCmGo
N	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
N > DL	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.67	1.02	0.42	0.35	0.26	0.48	1.04	1.04	0.45	0.60	0.95	1.02	0.69	0.61	0.96
Median	0.58	0.98	0.42	0.33	0.23	0.41	0.97	1.04	0.43	0.57	0.87	1.01	0.69	0.46	0.85
Mode	0.35	0.91	0.35	0.29	0.16	0.38	0.97	0.78	0.29	0.36	0.68	1.01	0.40	0.17	0.64
Range	2.62	1.49	0.77	1.03	0.47	1.06	2.23	1.18	0.80	0.91	1.01	0.70	1.21	1.46	1.23
St Dev	0.40	0.28	0.14	0.15	0.09	0.20	0.42	0.32	0.17	0.22	0.26	0.19	0.33	0.39	0.33
Coef Var	0.591	0.270	0.340	0.432	0.352	0.408	0.408	0.308	0.382	0.359	0.278	0.186	0.479	0.641	0.342
Log Mean	-0.253	-0.008	-0.399	-0.492	-0.613	-0.346	-0.013	-0.004	-0.382	-0.248	-0.037	-0.001	-0.227	-0.298	-0.042
Geo Mean	0.56	0.98	0.40	0.32	0.24	0.45	0.97	0.99	0.42	0.57	0.92	1.00	0.59	0.50	0.91
Log StDv	0.274	0.128	0.151	0.175	0.141	0.155	0.161	0.142	0.206	0.150	0.115	0.084	0.271	0.285	0.157
Log CVar	-1.083	-18.259	-0.377	-0.357	-0.230	-0.447	-12.406	-47.232	-0.540	-0.607	-3.114	-84.146	-1.200	-0.958	-3.729
Percentls															
Minimum	0.07	0.32	0.16	0.10	0.13	0.24	0.46	0.53	0.07	0.32	0.61	0.65	0.11	0.17	0.38
10th	0.23	0.73	0.25	0.20	0.16	0.31	0.58	0.60	0.28	0.36	0.63	0.74	0.16	0.18	0.59
20th	0.31	0.81	0.30	0.23	0.18	0.33	0.65	0.65	0.32	0.37	0.69	0.89	0.40	0.27	0.64
30th	0.38	0.87	0.34	0.25	0.20	0.36	0.82	0.79	0.34	0.47	0.78	0.92	0.46	0.31	0.77
40th	0.46	0.91	0.38	0.29	0.22	0.38	0.90	0.97	0.37	0.51	0.83	0.95	0.56	0.38	0.84
50th	0.58	0.98	0.42	0.33	0.23	0.41	0.97	1.04	0.43	0.57	0.87	1.01	0.69	0.46	0.85
60th	0.74	1.09	0.44	0.35	0.26	0.46	1.03	1.14	0.49	0.59	0.93	1.02	0.71	0.56	0.99
70th	0.87	1.16	0.47	0.40	0.28	0.56	1.15	1.19	0.50	0.66	1.09	1.08	0.83	0.78	1.09
80th	1.02	1.25	0.54	0.43	0.31	0.62	1.29	1.35	0.58	0.73	1.13	1.16	0.98	0.88	1.26
85th	1.13	1.32	0.57	0.46	0.34	0.70	1.31	1.38	0.64	0.85	1.20	1.25	1.12	1.06	1.29
90th	1.25	1.41	0.61	0.50	0.37	0.72	1.35	1.42	0.64	0.86	1.22	1.26	1.12	1.17	1.45
95th	1.38	1.50	0.67	0.63	0.42	0.78	1.92	1.49	0.75	0.95	1.55	1.32	1.17	1.20	1.49
98th	1.59	1.59	0.77	0.70	0.50	0.83	2.02	1.59	0.75	0.95	1.55	1.32	1.32	1.63	1.61
99th	1.67	1.62	0.85	0.74	0.51	1.30	2.69	1.71	0.87	1.23	1.62	1.35	1.32	1.63	1.61
Maximum	2.69	1.81	0.93	1.13	0.60	1.30	2.69	1.71	0.87	1.23	1.62	1.35	1.32	1.63	1.61

Aluminum (Al)
Stream Sediment

number of values : 854
units : %
detection limit : 0.01
analytical method : ICPMS

Aluminum by ICPMS

Summary Statistics

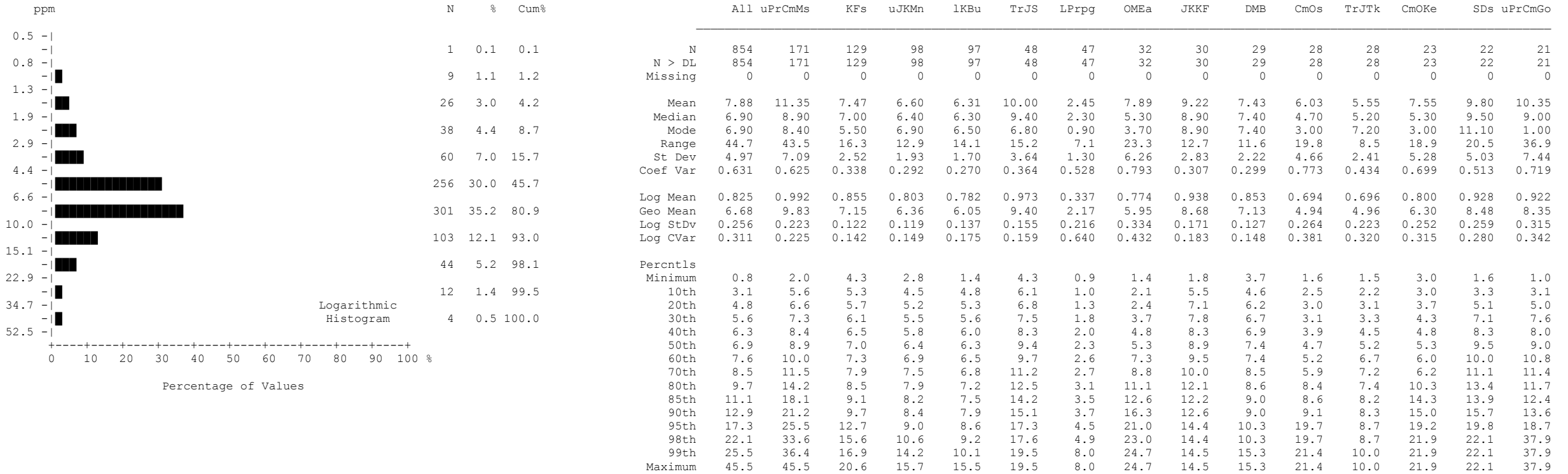


Antimony (Sb)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.02
 analytical method : ICPMS

Antimony by ICPMS

Summary Statistics

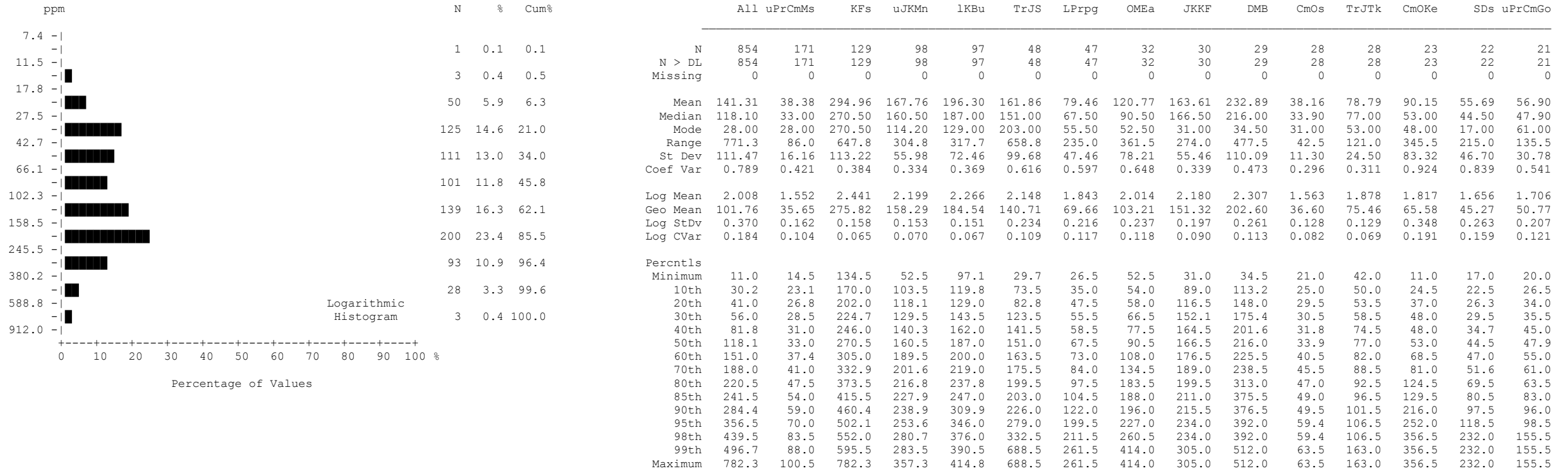


Arsenic (As)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.1
 analytical method : ICPMS

Arsenic by ICPMS

Summary Statistics

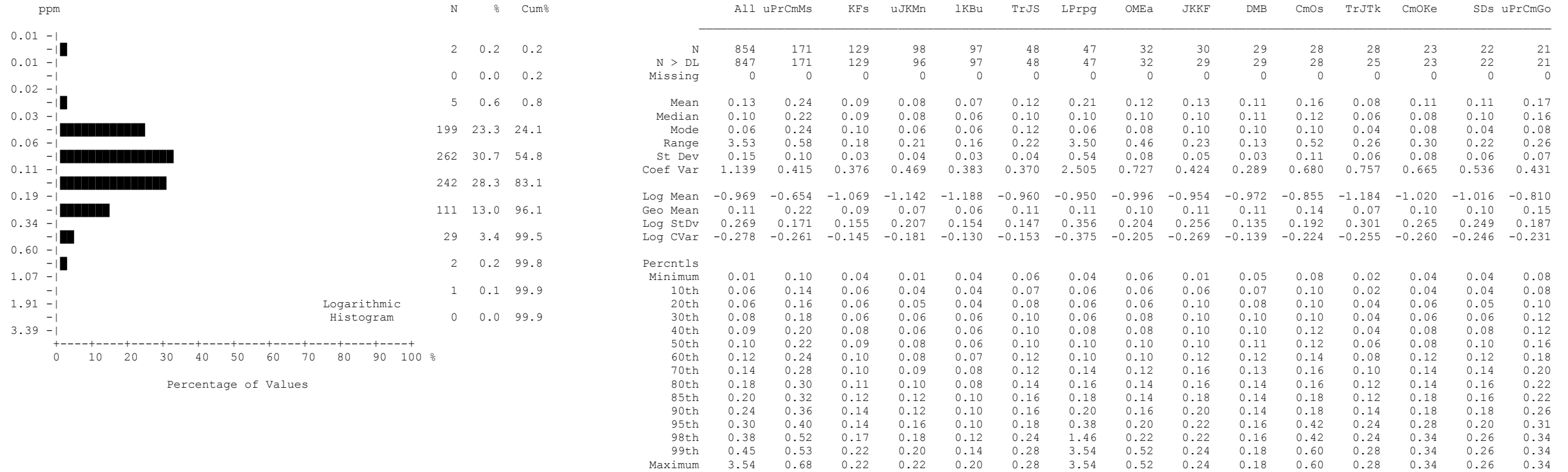


Barium (Ba)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.5
 analytical method : ICPMS

Barium by ICPMS

Summary Statistics

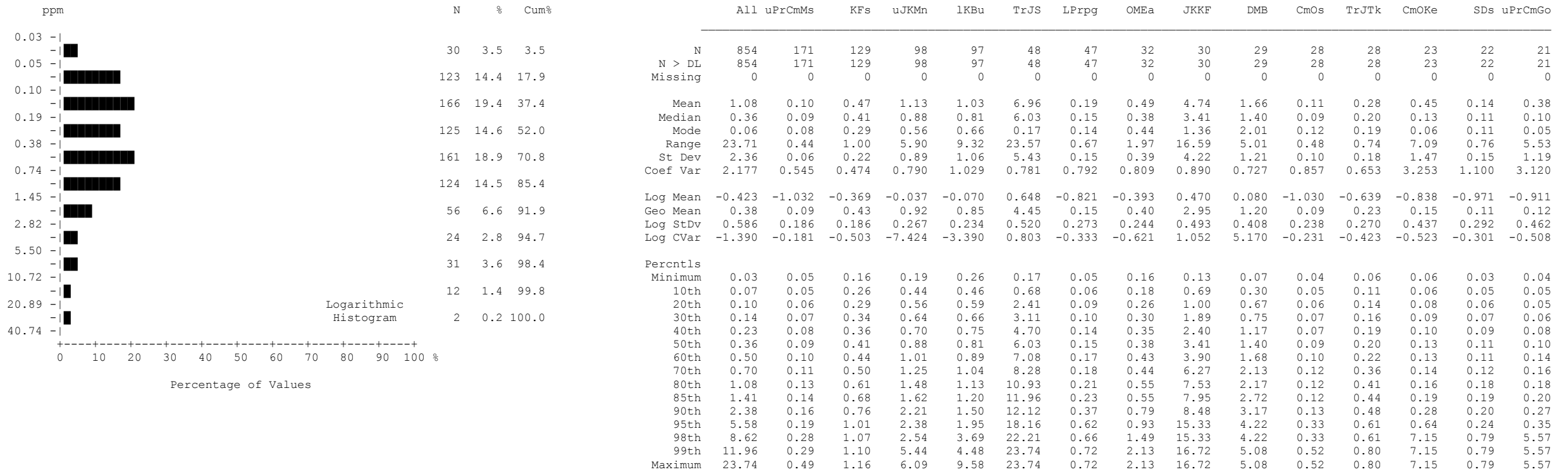


Bismuth (Bi)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.02
 analytical method : ICPMS

Bismuth by ICPMS

Summary Statistics

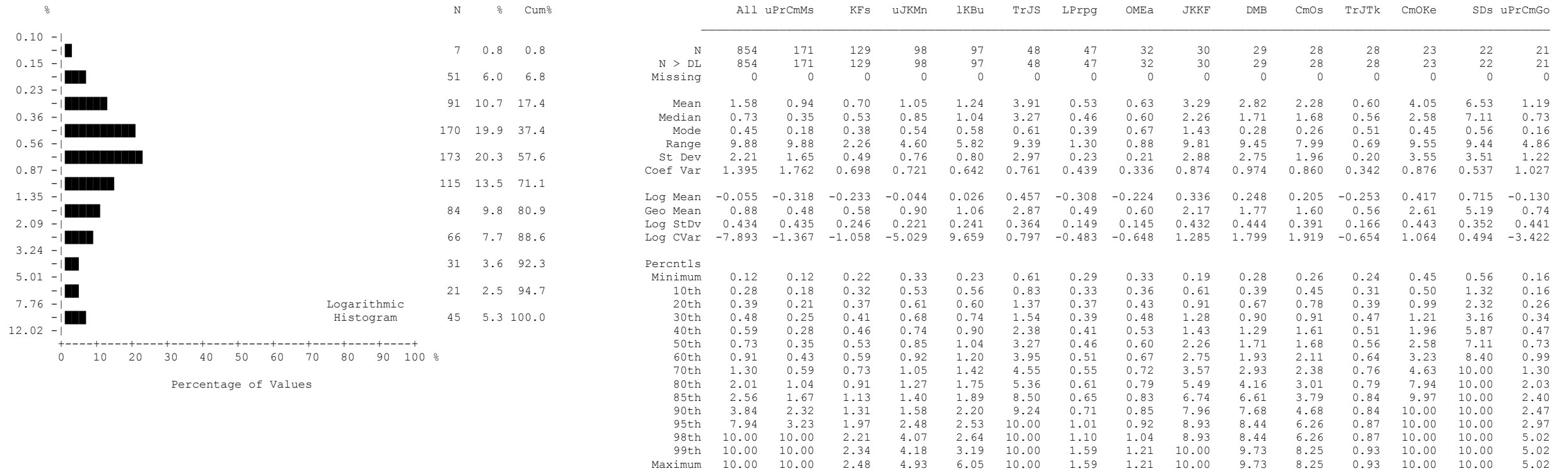


Cadmium (Cd)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.01
 analytical method : ICPMS

Cadmium by ICPMS

Summary Statistics

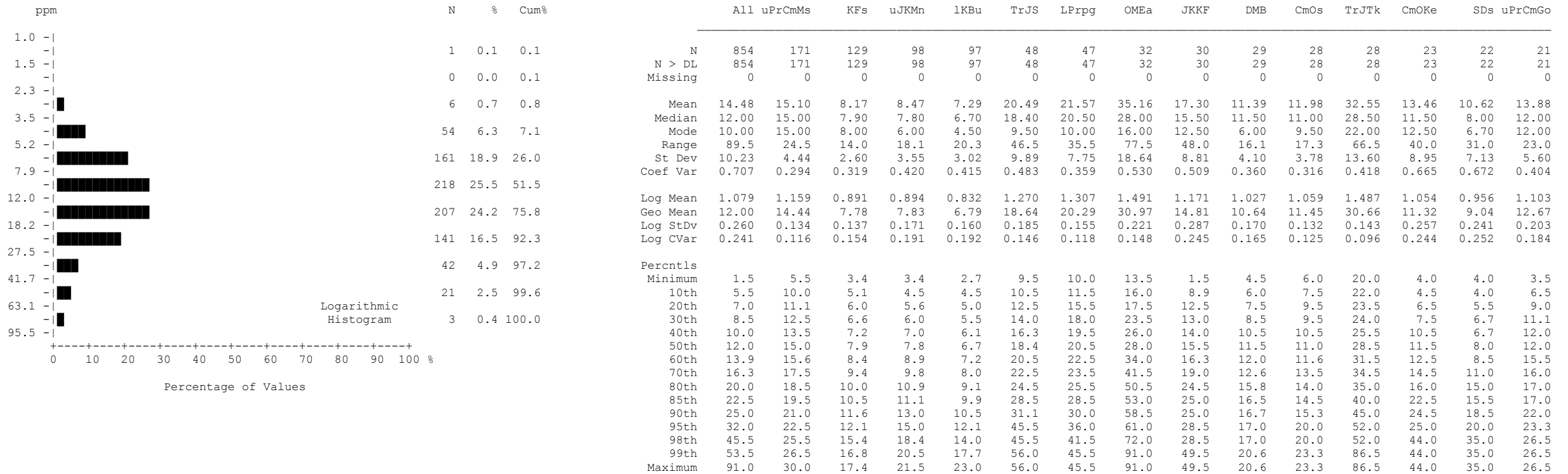


Calcium (Ca)
Stream Sediment

number of values : 854
 units : %
 detection limit : 0.01
 analytical method : ICPMS

Calcium by ICPMS

Summary Statistics

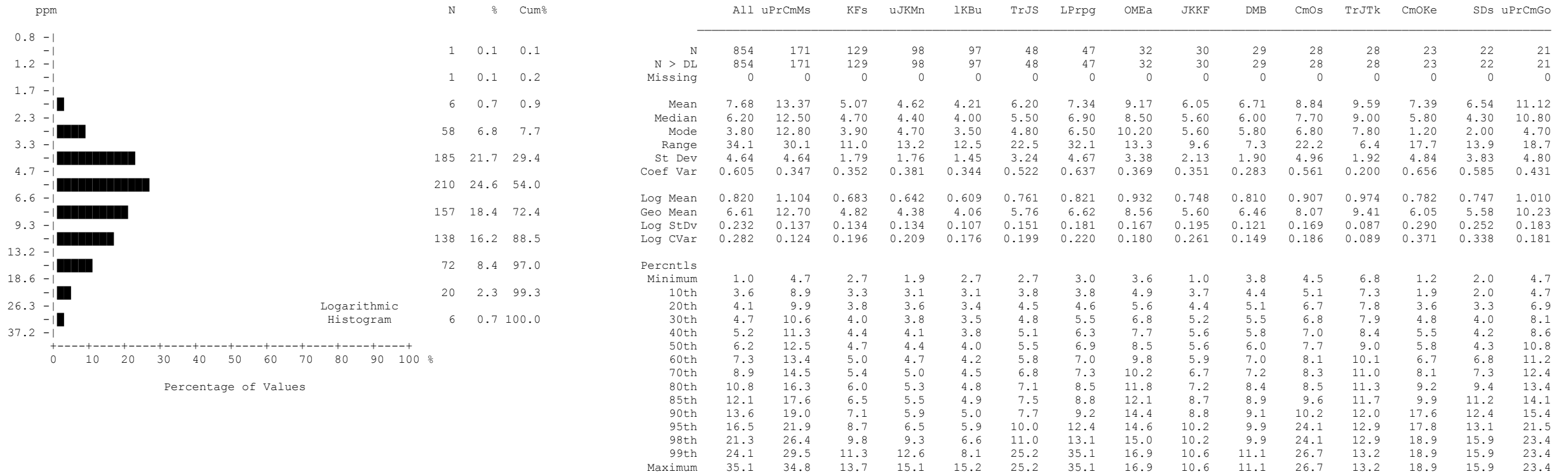


Chromium (Cr)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.5
 analytical method : ICPMS

Chromium by ICPMS

Summary Statistics



Cobalt (Co)
Stream Sediment

number of values : 854
units : ppm
detection limit : 0.1
analytical method : ICPMS

Cobalt by ICPMS

Summary Statistics

ppm	N	%	Cum%	All	uPrCmMs	KFs	uJKMn	lKBu	TrJS	LPrpg	OMEa	JKKF	DMB	CmOs	TrJTk	CmOke	SDs	uPrCmGo	
1.26	1	0.1	0.1	N	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
1.86	0	0.0	0.1	N > DL	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
2.75	10	1.2	1.3	Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.07	35	4.1	5.4	Mean	14.77	21.15	11.18	11.49	10.08	18.04	10.58	22.54	16.91	14.55	14.12	19.25	10.75	9.65	14.38
6.03	136	15.9	21.3	Median	12.96	19.71	10.67	10.89	9.70	17.26	10.02	16.35	15.81	15.15	11.04	18.00	7.78	7.04	11.40
8.91	255	29.9	51.2	Mode	9.20	12.47	9.38	10.94	4.72	5.85	4.65	7.78	1.58	4.06	6.04	9.91	2.86	5.12	5.12
13.18	235	27.5	78.7	Range	71.02	40.79	25.33	22.34	13.44	31.47	14.70	64.82	23.87	18.30	39.61	24.15	25.89	18.47	29.82
19.50	137	16.0	94.7	St Dev	7.96	8.28	4.43	4.55	3.03	7.24	3.75	14.77	5.42	4.34	9.52	6.97	7.60	4.89	7.44
28.84	34	4.0	98.7	Coef Var	0.539	0.391	0.396	0.396	0.301	0.401	0.354	0.655	0.321	0.299	0.674	0.362	0.707	0.507	0.517
42.66	10	1.2	99.9	Log Mean	1.115	1.295	1.020	1.026	0.984	1.220	0.996	1.278	1.192	1.139	1.092	1.258	0.941	0.936	1.108
63.10	1	0.1	100.0	Geo Mean	13.03	19.72	10.48	10.61	9.64	16.60	9.91	18.98	15.54	13.78	12.35	18.11	8.73	8.63	12.84
93.33				Log StDv	0.217	0.162	0.153	0.180	0.132	0.184	0.162	0.252	0.222	0.157	0.207	0.154	0.282	0.207	0.209
				Log CVar	0.195	0.125	0.150	0.175	0.135	0.151	0.163	0.197	0.186	0.138	0.190	0.122	0.300	0.221	0.189
				Percentls															
				Minimum	1.58	8.11	5.08	3.25	4.72	5.85	4.65	7.78	1.58	4.06	6.04	9.91	2.86	3.88	5.12
				10th	6.95	11.89	6.63	6.26	6.23	9.14	5.36	8.92	10.40	9.27	6.87	10.88	3.22	4.77	7.11
				20th	8.69	14.06	7.52	7.60	7.07	11.77	7.09	10.18	13.66	11.30	8.73	13.09	4.63	5.12	8.50
				30th	10.13	15.71	8.65	8.78	8.20	13.46	8.88	13.27	14.27	12.19	9.08	14.26	6.17	6.33	9.72
				40th	11.35	17.60	9.64	9.89	8.83	15.38	9.44	14.78	15.00	12.78	10.12	16.38	6.78	6.88	10.05
				50th	12.96	19.71	10.67	10.89	9.70	17.26	10.02	16.35	15.81	15.15	11.04	18.00	7.78	7.04	11.40
				60th	14.47	22.50	11.34	12.36	10.60	19.29	10.53	20.74	17.86	15.75	12.37	19.63	10.05	9.63	13.29
				70th	16.55	24.37	11.77	13.31	11.68	20.52	12.07	25.10	19.86	16.35	13.77	22.11	10.41	10.29	16.13
				80th	19.83	26.40	13.60	14.47	12.99	22.74	13.70	30.79	21.73	18.23	15.78	22.71	14.26	13.96	19.22
				85th	22.36	27.97	14.51	15.22	13.40	24.33	14.10	33.01	23.20	18.58	16.68	27.75	15.80	15.04	22.93
				90th	24.74	30.21	15.71	16.23	14.03	27.03	15.77	39.59	24.15	20.11	17.37	29.60	25.29	15.67	23.91
				95th	29.56	37.30	22.14	20.64	14.99	31.60	17.57	42.09	25.06	21.16	44.68	33.48	28.67	18.47	25.82
				98th	37.30	45.91	23.09	22.63	17.11	35.12	18.80	55.58	25.06	21.16	44.68	33.48	28.75	22.35	34.94
				99th	44.68	47.57	25.97	24.74	17.47	37.32	19.35	72.60	25.45	22.36	45.65	34.06	28.75	22.35	34.94
				Maximum	72.60	48.90	30.41	25.59	18.16	37.32	19.35	72.60	25.45	22.36	45.65	34.06	28.75	22.35	34.94

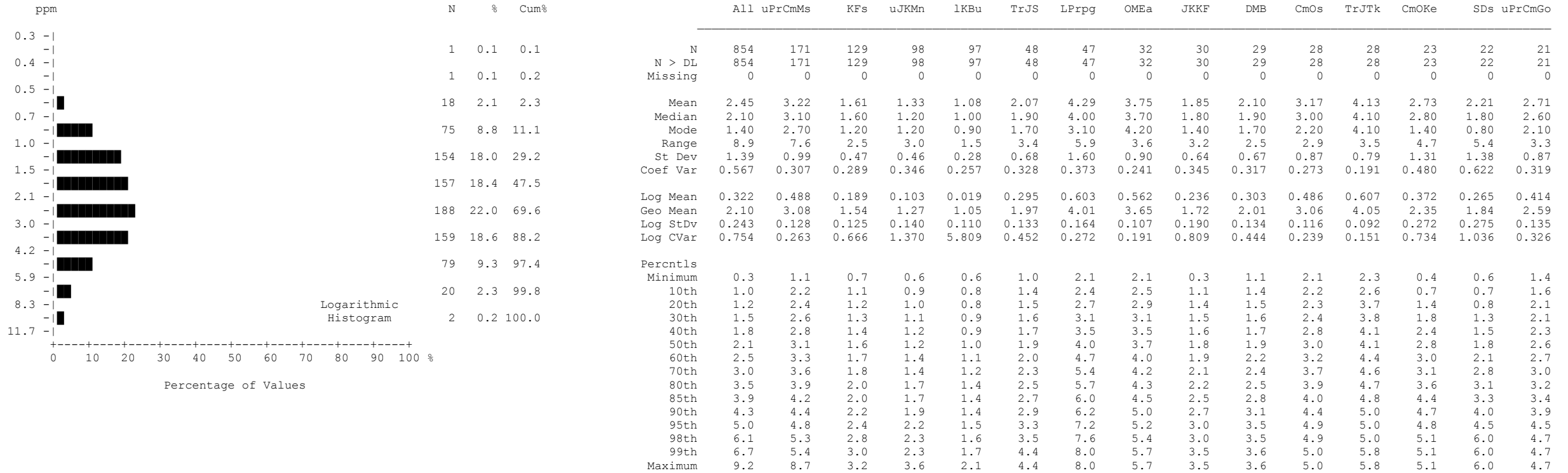
Copper (Cu)

Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.01
 analytical method : ICPMS

Copper by ICPMS

Summary Statistics

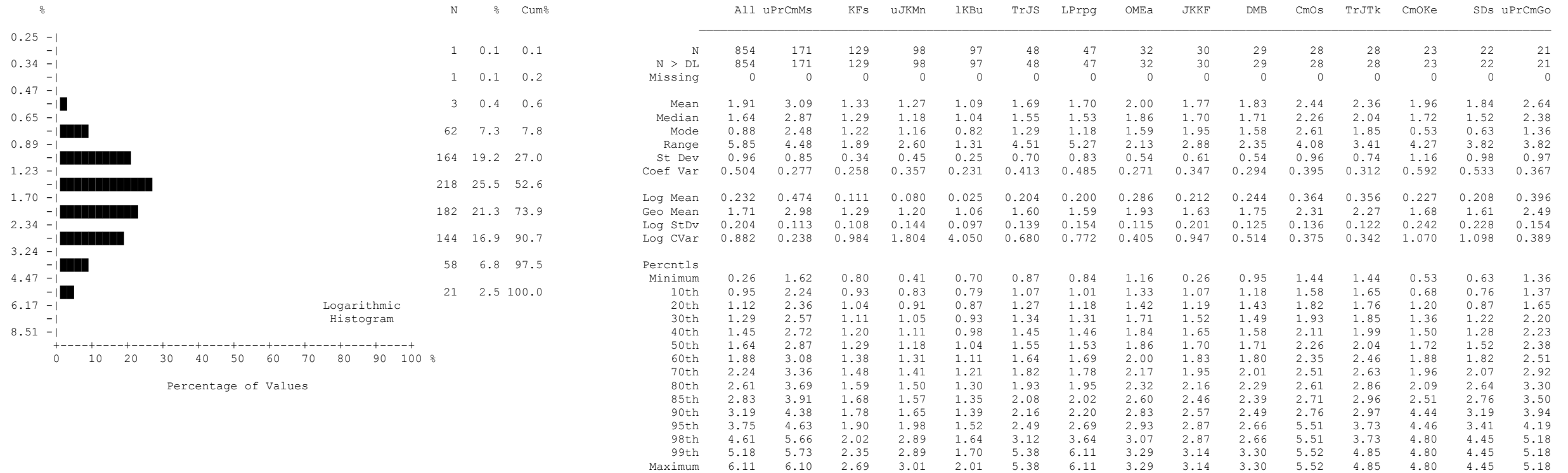


Gallium (Ga)
Stream Sediment

number of values : 854
units : ppm
detection limit : 0.1
analytical method : ICPMS

Gallium by ICPMS

Summary Statistics



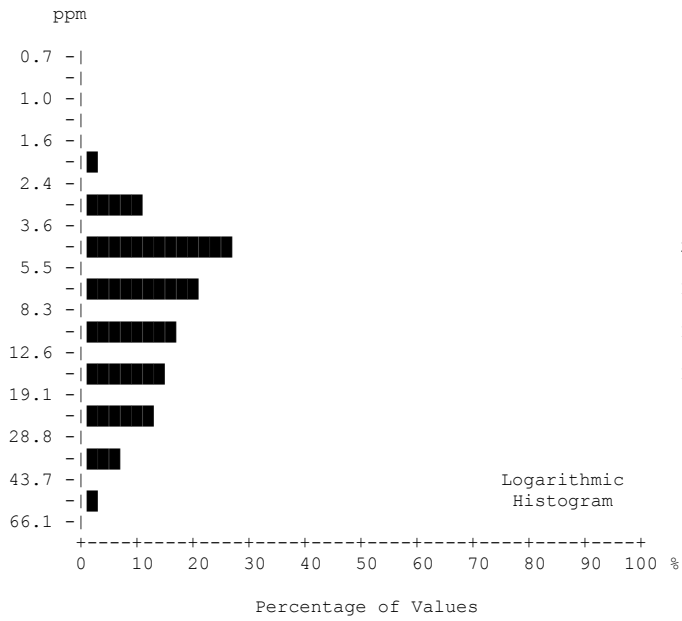
Iron (Fe)
Stream Sediment

number of values : 854
 units : %
 detection limit : 0.01
 analytical method : ICPMS

Iron by ICPMS

Summary Statistics

ppm	N	%	Cum%	All	uPrCmMs	KFs	uJKMn	lKBu	TrJS	LPrpg	OMEa	JKKF	DMB	CmOs	TrJTk	CmOke	SDs	uPrCmGo	
0.7	1	0.1	0.1	N	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
1.0	0	0.0	0.1	N > DL	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
1.6	2	0.2	0.4	Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.4	82	9.6	10.0	Mean	10.97	22.98	4.49	4.65	4.34	9.24	12.73	10.09	7.91	9.45	12.51	6.52	13.39	11.82	18.06
3.6	221	25.9	35.8	Median	7.50	22.00	4.40	4.50	4.00	9.50	12.00	9.50	7.00	8.50	11.10	6.00	12.50	10.50	18.50
5.5	162	19.0	54.8	Mode	3.50	18.00	3.50	3.50	4.00	10.50	6.50	7.50	7.00	8.00	6.50	5.50	16.50	11.50	20.00
8.3	134	15.7	70.5	Range	60.0	56.0	7.9	10.8	6.0	9.5	32.0	15.5	12.5	26.8	18.0	6.5	25.5	27.0	27.5
12.6	108	12.6	83.1	St Dev	8.82	9.31	1.17	1.66	1.05	2.41	6.23	3.60	2.92	4.95	5.33	1.76	6.40	6.77	7.11
19.1	92	10.8	93.9	Coef Var	0.804	0.405	0.260	0.356	0.242	0.261	0.489	0.356	0.369	0.523	0.426	0.269	0.478	0.573	0.394
28.8	48	5.6	99.5	Log Mean	0.924	1.325	0.640	0.645	0.626	0.950	1.058	0.977	0.859	0.939	1.057	0.800	1.074	1.007	1.216
43.7	4	0.5	100.0	Geo Mean	8.39	21.12	4.36	4.42	4.22	8.91	11.44	9.48	7.23	8.70	11.39	6.31	11.85	10.17	16.44
66.1				Log StDv	0.311	0.185	0.100	0.137	0.101	0.121	0.204	0.160	0.214	0.166	0.197	0.112	0.230	0.247	0.209
				Log CVar	0.337	0.139	0.157	0.212	0.162	0.127	0.193	0.163	0.249	0.177	0.186	0.141	0.214	0.245	0.172
				Percentls															
				Minimum	1.0	5.0	2.6	1.7	2.0	4.5	4.0	4.0	1.0	4.7	4.5	4.0	4.5	3.5	5.0
				10th	3.5	11.6	3.3	3.2	3.5	6.0	6.5	6.0	5.3	5.5	6.0	4.5	4.5	4.0	6.3
				20th	4.2	15.5	3.5	3.5	3.5	7.0	7.0	7.0	5.5	6.5	8.0	5.0	7.5	5.5	10.5
				30th	4.7	17.5	4.0	3.5	3.7	7.9	9.0	7.5	6.5	7.5	8.4	5.5	9.5	7.5	11.5
				40th	6.0	20.0	4.0	4.0	4.0	8.4	10.0	8.0	7.0	8.0	9.5	5.5	10.5	10.0	17.5
				50th	7.5	22.0	4.4	4.5	4.0	9.5	12.0	9.5	7.0	8.5	11.1	6.0	12.5	10.5	18.5
				60th	10.0	24.0	4.5	4.7	4.4	10.0	13.5	10.5	8.0	9.0	13.5	6.5	15.5	11.5	20.0
				70th	12.5	27.5	4.7	5.0	4.5	10.5	14.5	11.0	8.9	9.5	16.5	7.5	16.5	12.5	20.5
				80th	17.5	30.5	5.0	5.3	5.0	11.0	15.5	13.5	10.5	11.0	17.0	7.5	17.5	15.5	24.5
				85th	20.5	32.0	5.3	5.8	5.3	12.0	16.5	14.5	11.5	11.5	18.0	8.0	18.5	16.0	25.5
				90th	24.0	34.0	5.8	6.3	5.5	12.1	20.5	15.0	12.0	11.5	20.5	9.0	21.0	21.0	26.5
				95th	30.0	36.0	6.3	7.4	6.6	13.5	24.5	15.0	13.0	16.5	21.5	10.5	22.5	24.5	27.0
				98th	34.5	45.0	7.4	10.0	7.0	13.5	26.5	15.5	13.0	16.5	21.5	10.5	30.0	30.5	32.5
				99th	36.0	50.5	9.5	10.5	7.0	14.0	36.0	19.5	13.5	31.5	22.5	10.5	30.0	30.5	32.5
				Maximum	61.0	61.0	10.5	12.5	8.0	14.0	36.0	19.5	13.5	31.5	22.5	10.5	30.0	30.5	32.5

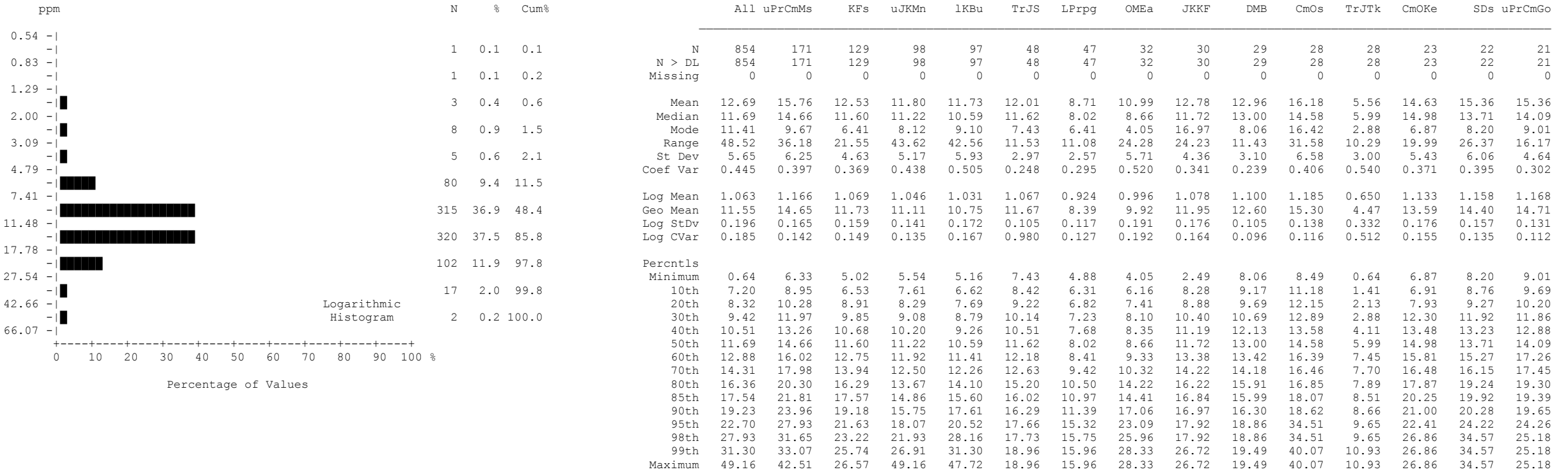


Lanthanum (La) Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.5
 analytical method : ICPMS

Lanthanum by ICPMS

Summary Statistics

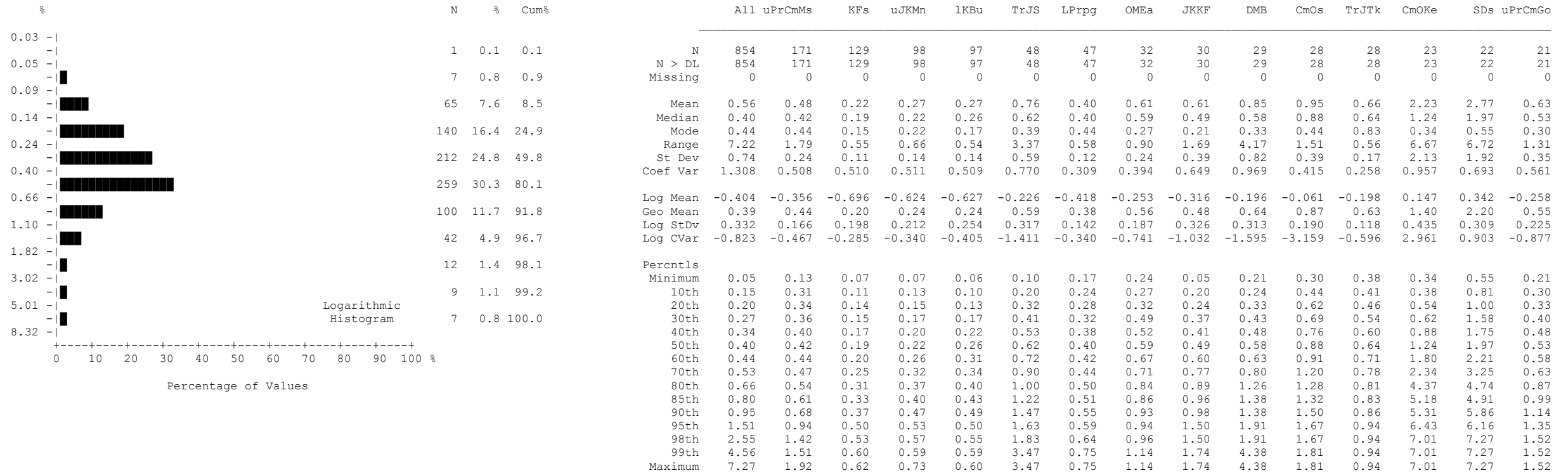


Lead (Pb)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.01
 analytical method : ICPMS

Lead by ICPMS

Summary Statistics



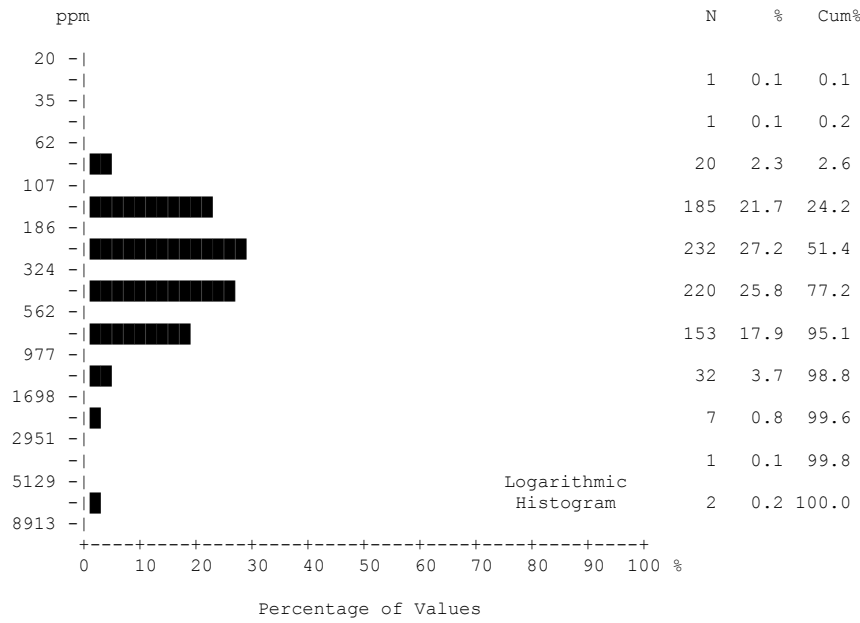
Magnesium (Mg) Stream Sediment

number of values : 854
 units : %
 detection limit : 0.01
 analytical method : ICPMS

Magnesium by ICPMS

Summary Statistics

ppm	N	%	Cum%	All	uPrCmMs	KFs	uJKMn	lKBu	TrJS	LPrpg	OMEa	JKKF	DMB	CmOs	TrJTk	CmOke	SDs	uPrCmGo	
20	1	0.1	0.1	N	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
35	1	0.1	0.2	N > DL	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
62	20	2.3	2.6	Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	185	21.7	24.2	Mean	422.9	652.6	195.0	209.0	196.0	352.9	534.6	655.0	271.0	375.2	582.6	591.8	876.0	475.9	825.4
186	232	27.2	51.4	Median	315.0	592.0	177.0	184.0	179.0	301.0	301.0	377.0	239.0	348.0	545.0	471.0	593.0	451.0	718.0
324	220	25.8	77.2	Mode	179.0	312.0	161.0	135.0	160.0	178.0	285.0	186.0	45.0	114.0	599.0	303.0	160.0	182.0	265.0
562	153	17.9	95.1	Range	7238	1676	695	776	750	946	5278	4605	601	486	1118	1310	7110	536	2132
977	32	3.7	98.8	St Dev	447.00	271.98	94.73	110.68	91.25	169.89	855.34	841.37	114.14	122.41	214.15	332.92	1414.36	149.26	473.82
1698	7	0.8	99.6	Coef Var	1.057	0.417	0.486	0.529	0.466	0.481	1.600	1.285	0.421	0.326	0.368	0.563	1.615	0.314	0.574
2951	1	0.1	99.8	Log Mean	2.513	2.783	2.252	2.275	2.264	2.505	2.540	2.678	2.395	2.549	2.741	2.714	2.772	2.655	2.860
5129	2	0.2	100.0	Geo Mean	325.7	606.3	178.6	188.5	183.6	320.2	346.4	476.1	248.2	354.1	551.1	517.8	591.2	451.4	724.0
8913				Log StDv	0.297	0.164	0.176	0.195	0.145	0.193	0.334	0.294	0.199	0.158	0.145	0.224	0.319	0.150	0.224
				Log CVar	0.118	0.059	0.078	0.086	0.064	0.077	0.132	0.110	0.083	0.062	0.053	0.082	0.115	0.057	0.078
				Percentls															
				Minimum	32	175	68	32	95	80	98	186	45	114	245	214	160	182	265
				10th	142	393	109	122	125	181	145	250	184	228	407	274	179	285	372
				20th	177	446	134	136	140	243	192	307	194	277	419	306	366	349	420
				30th	208	498	147	148	154	270	234	337	213	287	450	375	449	376	501
				40th	255	547	161	170	163	296	277	343	225	336	503	390	495	401	581
				50th	315	592	177	184	179	301	301	377	239	348	545	471	593	451	718
				60th	390	660	189	199	186	333	350	473	260	410	599	578	678	489	816
				70th	481	698	209	231	212	374	409	515	300	419	625	658	772	555	934
				80th	593	816	232	251	229	438	475	576	324	461	677	784	819	634	1155
				85th	670	856	247	278	240	479	587	679	331	527	727	849	858	658	1165
				90th	758	981	284	290	256	558	634	1224	335	562	757	1117	874	685	1252
				95th	964	1117	396	366	308	683	2094	1430	534	587	935	1228	1106	692	1354
				98th	1354	1478	462	576	441	761	2626	1927	534	587	935	1228	7270	718	2397
				99th	1765	1483	484	659	448	1026	5376	4791	646	600	1363	1524	7270	718	2397
				Maximum	7270	1851	763	808	845	1026	5376	4791	646	600	1363	1524	7270	718	2397

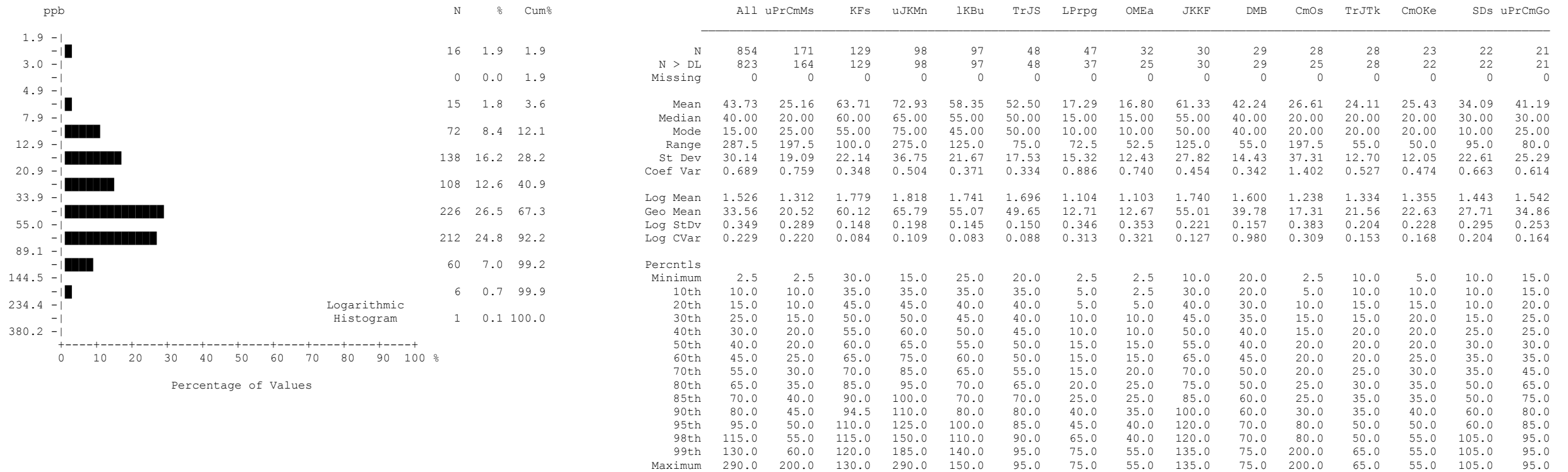


Manganese (Mn)
Stream Sediment

number of values : 854
units : ppm
detection limit : 1
analytical method : ICPMS

Manganese by ICPMS

Summary Statistics

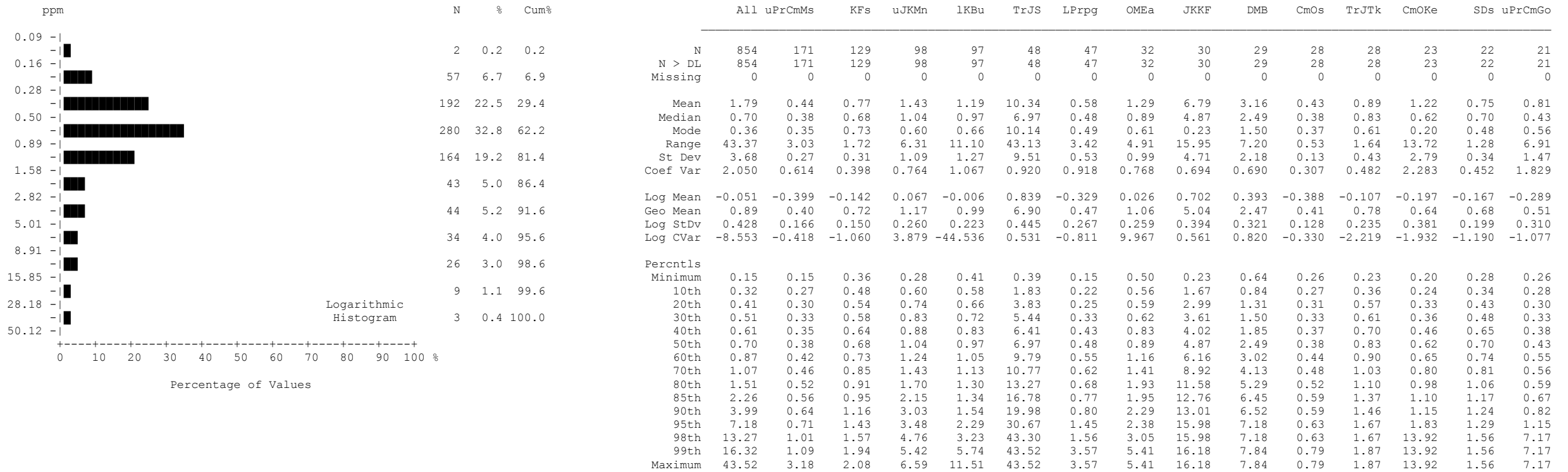


Mercury (Hg)
Stream Sediment

number of values : 854
units : ppb
detection limit : 5
analytical method : ICPMS

Mercury by ICPMS

Summary Statistics

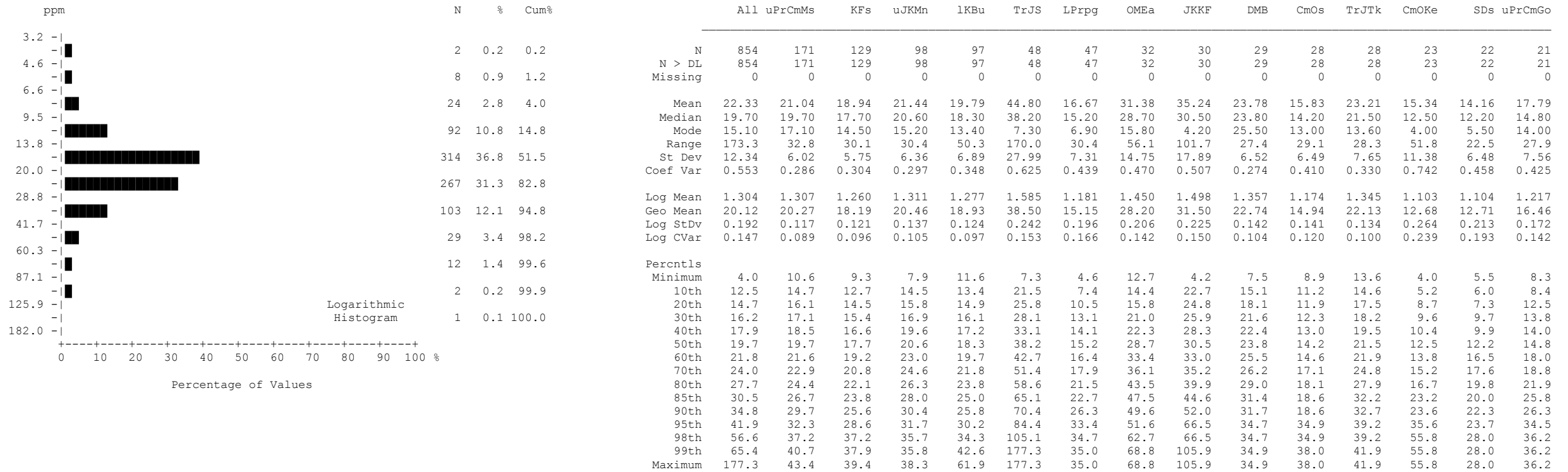


Molybdenum (Mo)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.01
 analytical method : ICPMS

Molybdenum by ICPMS

Summary Statistics

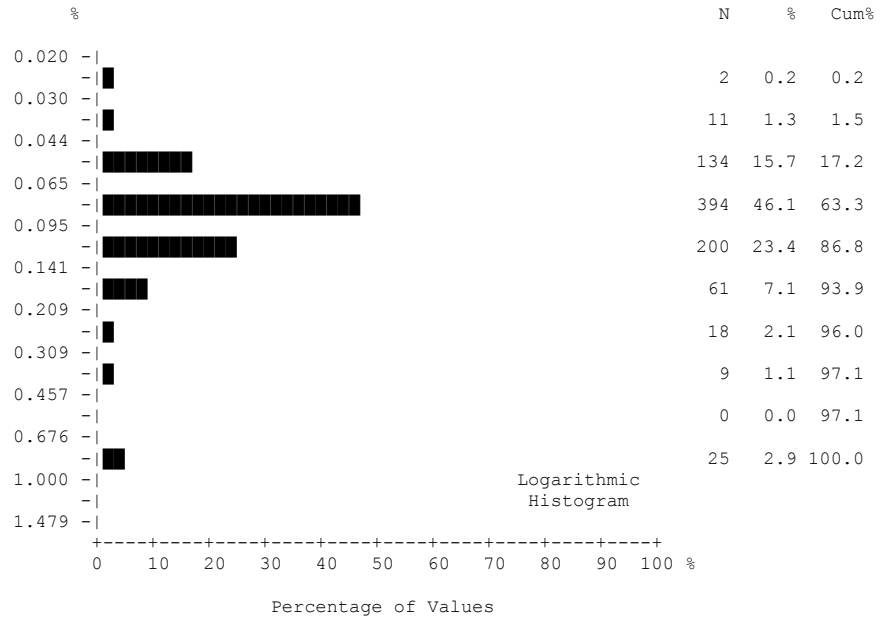


Nickel (Ni)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.1
 analytical method : ICPMS

Nickel by ICPMS

Summary Statistics



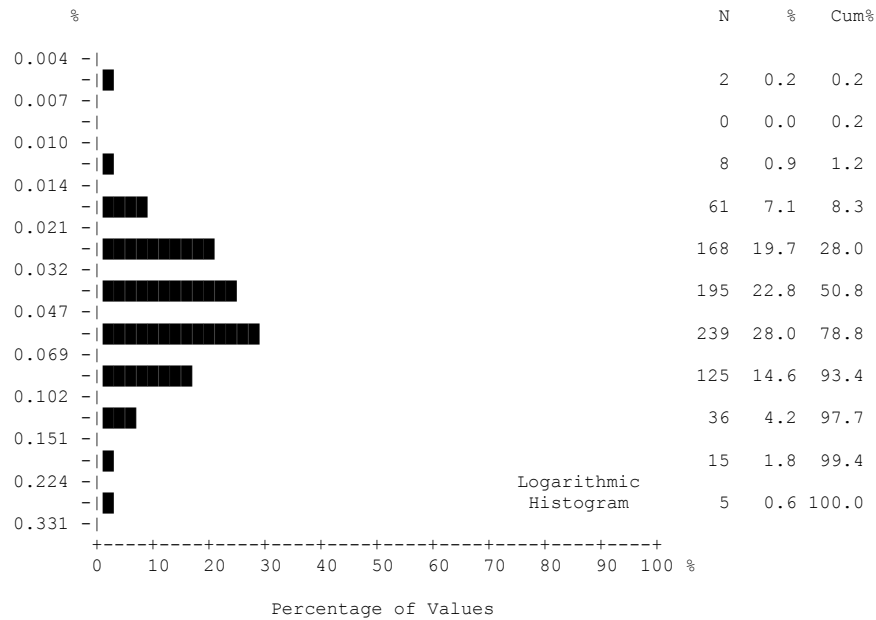
	All	uPrCmMs	KFs	uJKMn	lKBu	TrJS	LPrpg	OMeA	JKKF	DMB	CmOs	TrJTk	CmOke	SDs	uPrCmGo
N	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
N > DL	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.12	0.09	0.10	0.15	0.15	0.18	0.12	0.09	0.16	0.10	0.12	0.09	0.22	0.20	0.10
Median	0.09	0.08	0.08	0.11	0.09	0.15	0.08	0.08	0.15	0.09	0.08	0.09	0.09	0.07	0.08
Mode	0.07	0.07	0.06	0.10	0.09	0.11	0.06	0.06	0.13	0.08	0.08	0.05	0.06	0.06	0.06
Range	0.968	0.938	0.938	0.932	0.928	0.337	0.958	0.296	0.260	0.160	0.946	0.105	0.944	0.968	0.328
St Dev	0.16	0.10	0.16	0.18	0.22	0.08	0.19	0.06	0.06	0.04	0.17	0.03	0.31	0.32	0.07
Coef Var	1.283	1.144	1.555	1.208	1.449	0.461	1.592	0.607	0.362	0.393	1.489	0.284	1.440	1.624	0.698
Log Mean	-1.022	-1.116	-1.101	-0.928	-0.970	-0.778	-1.085	-1.076	-0.828	-1.015	-1.054	-1.067	-0.920	-1.008	-1.054
Geo Mean	0.10	0.08	0.08	0.12	0.11	0.17	0.08	0.08	0.15	0.10	0.09	0.09	0.12	0.10	0.09
Log StDv	0.240	0.152	0.207	0.210	0.257	0.186	0.281	0.200	0.198	0.150	0.235	0.121	0.412	0.442	0.176
Log CVar	-0.235	-0.137	-0.188	-0.226	-0.265	-0.239	-0.259	-0.186	-0.239	-0.148	-0.223	-0.113	-0.448	-0.438	-0.167
Percentls															
Minimum	0.022	0.042	0.052	0.058	0.062	0.081	0.032	0.030	0.026	0.060	0.044	0.051	0.046	0.022	0.058
10th	0.059	0.056	0.060	0.086	0.073	0.095	0.044	0.054	0.095	0.066	0.054	0.054	0.048	0.042	0.059
20th	0.066	0.062	0.063	0.093	0.082	0.110	0.053	0.061	0.114	0.070	0.065	0.067	0.059	0.047	0.060
30th	0.074	0.066	0.066	0.101	0.088	0.126	0.060	0.065	0.127	0.076	0.069	0.079	0.068	0.061	0.074
40th	0.079	0.071	0.071	0.104	0.091	0.143	0.063	0.068	0.143	0.081	0.078	0.080	0.076	0.070	0.079
50th	0.086	0.075	0.075	0.108	0.094	0.154	0.075	0.076	0.154	0.093	0.082	0.086	0.093	0.072	0.084
60th	0.093	0.077	0.078	0.112	0.097	0.172	0.082	0.083	0.158	0.095	0.089	0.088	0.101	0.082	0.092
70th	0.104	0.082	0.080	0.117	0.102	0.197	0.097	0.102	0.181	0.110	0.095	0.091	0.114	0.091	0.093
80th	0.117	0.088	0.084	0.124	0.107	0.257	0.105	0.109	0.202	0.121	0.101	0.104	0.145	0.125	0.096
85th	0.132	0.091	0.086	0.128	0.111	0.292	0.122	0.109	0.209	0.138	0.106	0.113	0.379	0.128	0.100
90th	0.155	0.095	0.090	0.149	0.120	0.312	0.133	0.131	0.231	0.144	0.109	0.116	0.980	0.980	0.101
95th	0.249	0.107	0.097	0.196	0.980	0.332	0.158	0.195	0.274	0.190	0.145	0.141	0.980	0.990	0.148
98th	0.980	0.148	0.980	0.990	0.980	0.400	0.980	0.219	0.274	0.190	0.145	0.141	0.990	0.990	0.386
99th	0.990	0.218	0.990	0.990	0.980	0.418	0.990	0.326	0.286	0.220	0.990	0.156	0.990	0.990	0.386
Maximum	0.990	0.980	0.990	0.990	0.990	0.418	0.990	0.326	0.286	0.220	0.990	0.156	0.990	0.990	0.386

Phosphorus (P)
Stream Sediment

number of values : 854
 units : %
 detection limit : 0.001
 analytical method : ICPMS

Phosphorus by ICPMS

Summary Statistics



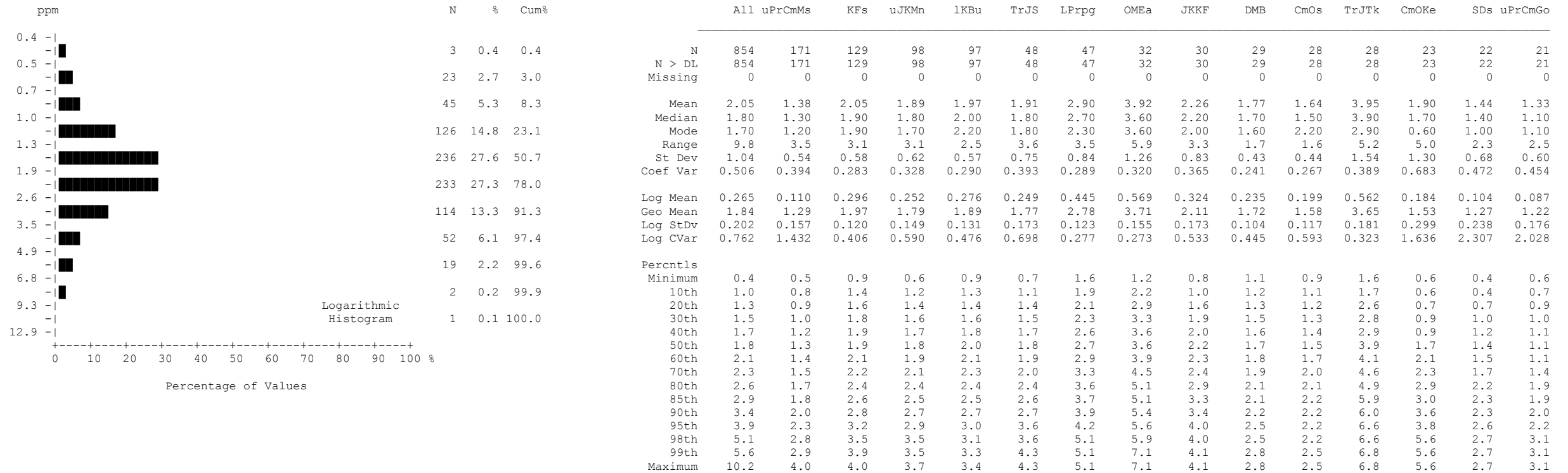
	All	uPrCmMs	KFs	uJKMn	lKBu	TrJS	LPrpg	OMEa	JKKF	DMB	CmOs	TrJTk	CmOke	SDs	uPrCmGo
N	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
N > DL	850	169	128	98	97	48	47	32	29	29	28	28	23	22	21
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.05	0.04	0.05	0.05	0.04	0.07	0.11	0.07	0.07	0.08	0.04	0.04	0.06	0.06	0.06
Median	0.04	0.03	0.04	0.04	0.03	0.07	0.10	0.06	0.06	0.07	0.04	0.04	0.04	0.04	0.05
Mode	0.04	0.03	0.05	0.04	0.03	0.06	0.07	0.07	0.06	0.10	0.04	0.04	0.03	0.04	0.04
Range	0.255	0.105	0.087	0.085	0.050	0.112	0.230	0.090	0.115	0.108	0.107	0.100	0.140	0.200	0.087
St Dev	0.03	0.02	0.02	0.02	0.01	0.02	0.06	0.02	0.02	0.03	0.02	0.02	0.04	0.05	0.02
Coef Var	0.627	0.484	0.360	0.366	0.315	0.318	0.542	0.357	0.330	0.349	0.486	0.519	0.644	0.741	0.367
Log Mean	-1.332	-1.464	-1.368	-1.365	-1.462	-1.187	-1.008	-1.199	-1.212	-1.121	-1.427	-1.409	-1.306	-1.281	-1.281
Geo Mean	0.05	0.03	0.04	0.04	0.03	0.07	0.10	0.06	0.06	0.08	0.04	0.04	0.05	0.05	0.05
Log StDv	0.231	0.199	0.167	0.165	0.146	0.141	0.249	0.156	0.238	0.145	0.188	0.182	0.245	0.249	0.187
Log CVar	-0.173	-0.136	-0.122	-0.121	-0.100	-0.119	-0.247	-0.130	-0.197	-0.129	-0.131	-0.129	-0.187	-0.195	-0.146
Percentls															
Minimum	0.005	0.005	0.010	0.015	0.015	0.028	0.030	0.030	0.005	0.042	0.013	0.020	0.020	0.020	0.013
10th	0.027	0.020	0.027	0.028	0.020	0.040	0.040	0.040	0.046	0.053	0.020	0.020	0.030	0.027	0.040
20th	0.030	0.027	0.030	0.031	0.027	0.050	0.060	0.050	0.050	0.053	0.028	0.030	0.030	0.030	0.040
30th	0.033	0.030	0.040	0.032	0.030	0.056	0.070	0.050	0.060	0.060	0.028	0.030	0.030	0.040	0.040
40th	0.040	0.030	0.040	0.040	0.031	0.060	0.090	0.060	0.060	0.067	0.030	0.030	0.040	0.040	0.050
50th	0.044	0.030	0.044	0.044	0.033	0.069	0.100	0.060	0.060	0.070	0.040	0.040	0.040	0.040	0.050
60th	0.050	0.040	0.048	0.050	0.040	0.070	0.110	0.070	0.069	0.080	0.040	0.040	0.050	0.053	0.060
70th	0.060	0.040	0.053	0.056	0.042	0.080	0.130	0.070	0.070	0.083	0.050	0.040	0.060	0.060	0.060
80th	0.070	0.050	0.056	0.060	0.048	0.083	0.160	0.090	0.083	0.100	0.050	0.050	0.060	0.080	0.070
85th	0.080	0.050	0.065	0.065	0.048	0.083	0.200	0.090	0.090	0.100	0.050	0.050	0.110	0.080	0.080
90th	0.090	0.060	0.066	0.069	0.050	0.090	0.200	0.100	0.090	0.110	0.056	0.060	0.120	0.130	0.090
95th	0.111	0.070	0.069	0.070	0.056	0.111	0.230	0.110	0.110	0.140	0.060	0.100	0.120	0.140	0.090
98th	0.160	0.090	0.083	0.080	0.060	0.120	0.250	0.120	0.110	0.140	0.060	0.100	0.160	0.220	0.100
99th	0.200	0.110	0.097	0.090	0.060	0.140	0.260	0.120	0.120	0.150	0.120	0.120	0.160	0.220	0.100
Maximum	0.260	0.110	0.097	0.100	0.065	0.140	0.260	0.120	0.120	0.150	0.120	0.120	0.160	0.220	0.100

Potassium (K)
Stream Sediment

number of values : 854
 units : %
 detection limit : 0.01
 analytical method : ICPMS

Potassium by ICPMS

Summary Statistics

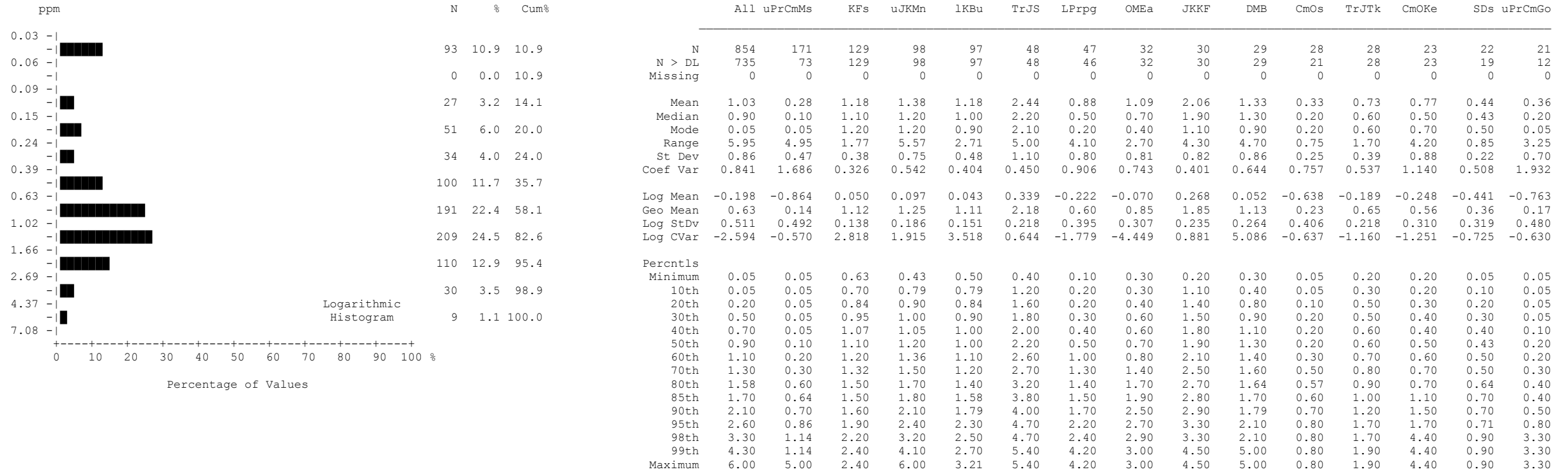


Scandium (Sc)
Stream Sediment

number of values : 854
units : ppm
detection limit : 0.1
analytical method : ICPMS

Scandium by ICPMS

Summary Statistics

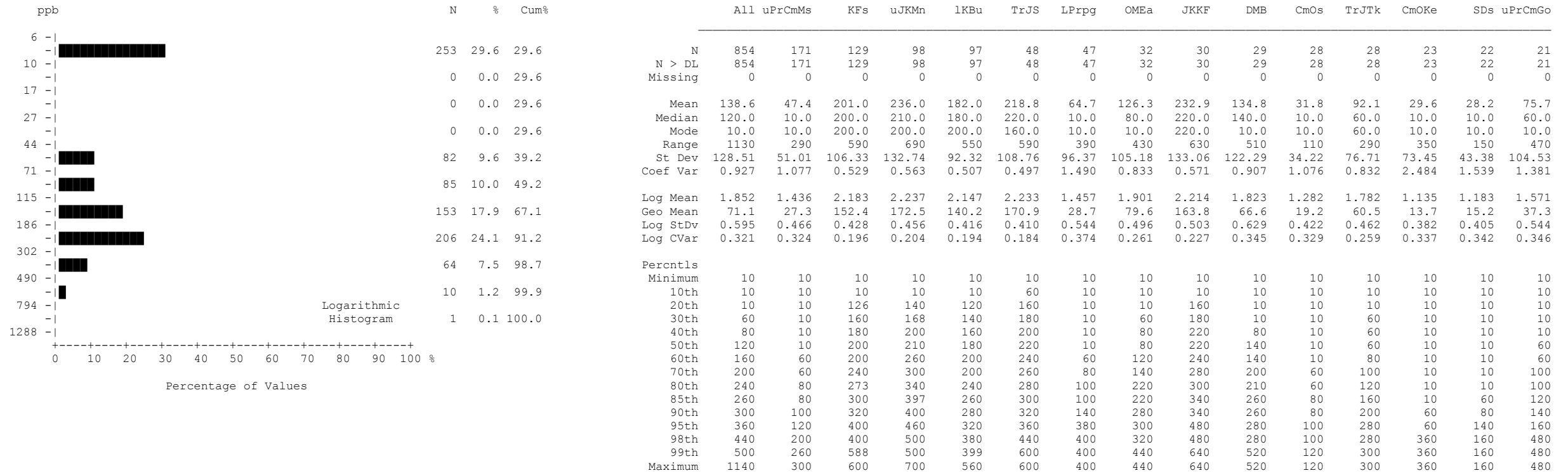


Selenium (Se)
Stream Sediment

number of values : 854
units : ppm
detection limit : 0.1
analytical method : ICPMS

Selenium by ICPMS

Summary Statistics

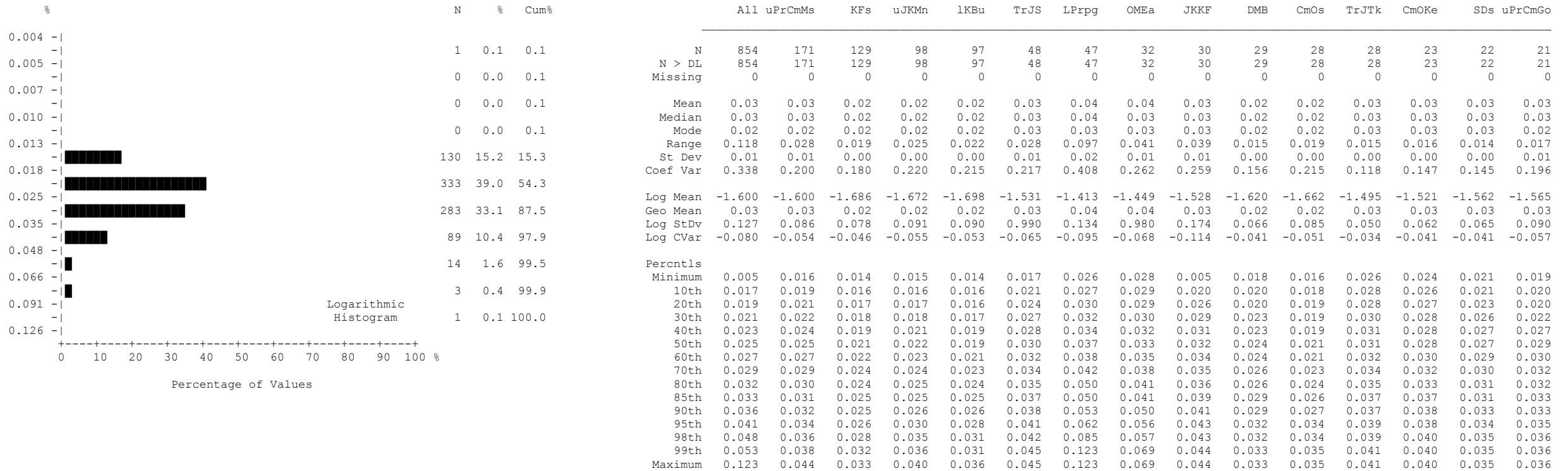


Silver (Ag)
Stream Sediment

number of values : 854
 units : ppb
 detection limit : 2
 analytical method : ICPMS

Silver by ICPMS

Summary Statistics

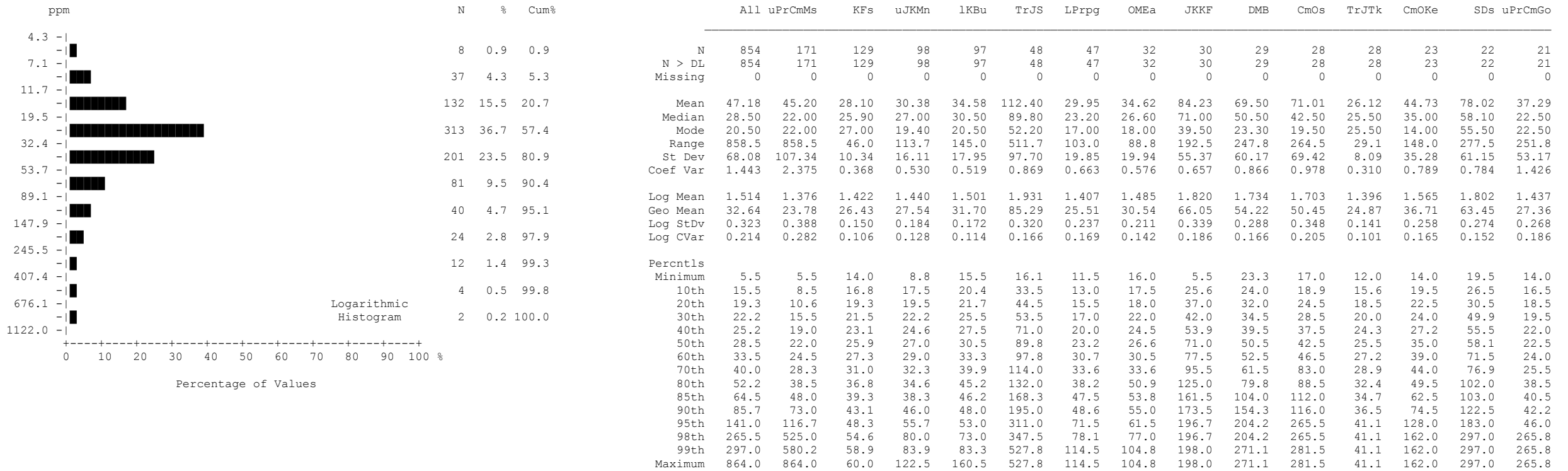


Sodium (Na)
Stream Sediment

number of values : 854
 units : %
 detection limit : 0.001
 analytical method : ICPMS

Sodium by ICPMS

Summary Statistics

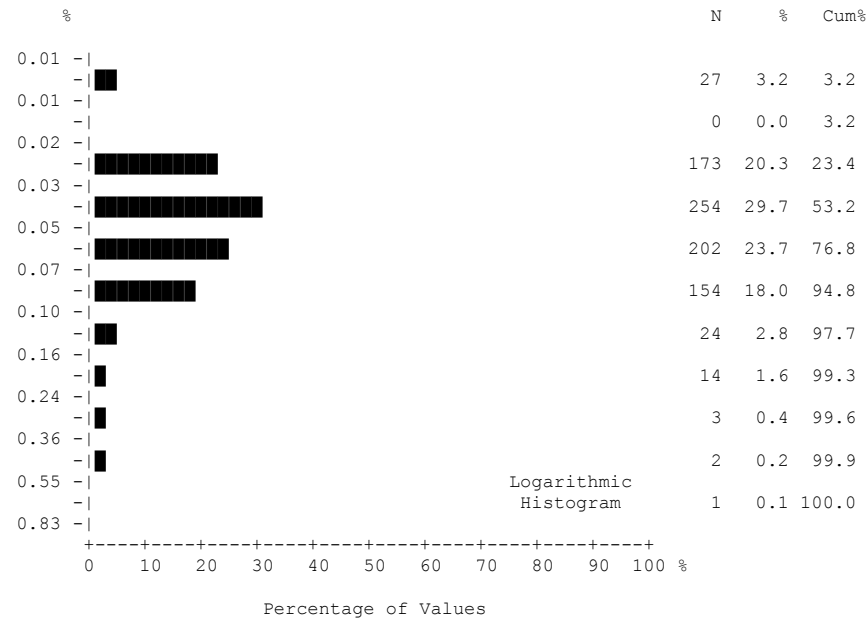


Strontium (Sr)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.5
 analytical method : ICPMS

Strontium by ICPMS

Summary Statistics



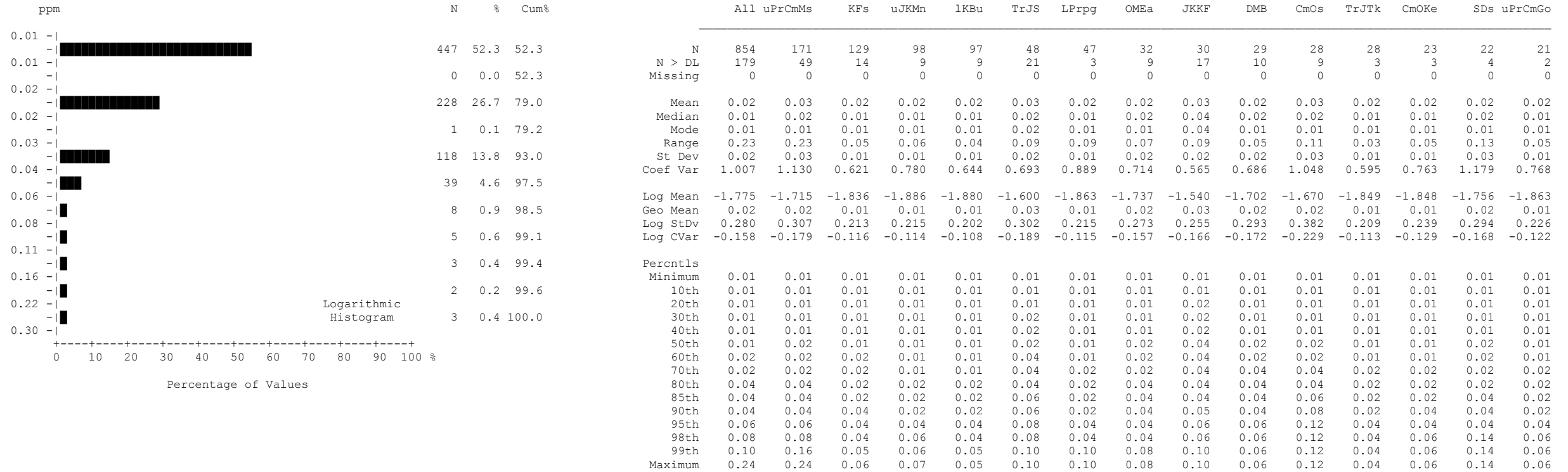
	All	uPrCmMs	KFs	uJKMn	lKBu	TrJS	LPrpg	OMEa	JKKF	DMB	CmOs	TrJTk	CmOke	SDs	uPrCmGo
N	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
N > DL	827	156	128	98	94	47	47	32	28	29	26	28	22	21	20
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.05	0.04	0.07	0.07	0.06	0.06	0.04	0.04	0.08	0.07	0.04	0.02	0.03	0.05	0.05
Median	0.04	0.04	0.06	0.06	0.06	0.06	0.03	0.03	0.06	0.06	0.04	0.02	0.03	0.04	0.04
Mode	0.04	0.04	0.06	0.06	0.06	0.04	0.04	0.03	0.04	0.06	0.04	0.02	0.02	0.04	0.04
Range	0.57	0.23	0.26	0.42	0.19	0.13	0.08	0.06	0.57	0.17	0.09	0.03	0.07	0.11	0.13
St Dev	0.04	0.03	0.04	0.06	0.03	0.03	0.02	0.02	0.10	0.03	0.02	0.01	0.02	0.03	0.03
Coef Var	0.756	0.743	0.500	0.836	0.437	0.500	0.421	0.411	1.253	0.511	0.540	0.325	0.520	0.628	0.569
Log Mean	-1.341	-1.443	-1.175	-1.216	-1.279	-1.289	-1.462	-1.463	-1.252	-1.216	-1.483	-1.632	-1.533	-1.424	-1.368
Geo Mean	0.05	0.04	0.07	0.06	0.05	0.05	0.03	0.03	0.06	0.06	0.03	0.02	0.03	0.04	0.04
Log StDv	0.263	0.290	0.185	0.224	0.196	0.228	0.159	0.171	0.374	0.211	0.243	0.117	0.218	0.269	0.238
Log CVar	-0.196	-0.201	-0.157	-0.184	-0.153	-0.177	-0.108	-0.117	-0.299	-0.173	-0.164	-0.072	-0.142	-0.189	-0.174
Percentls															
Minimum	0.01	0.01	0.01	0.02	0.01	0.01	0.02	0.02	0.01	0.02	0.01	0.02	0.01	0.01	0.01
10th	0.02	0.02	0.04	0.04	0.04	0.02	0.02	0.02	0.02	0.04	0.02	0.02	0.02	0.02	0.02
20th	0.03	0.02	0.06	0.04	0.04	0.04	0.03	0.02	0.04	0.04	0.02	0.02	0.02	0.02	0.04
30th	0.04	0.02	0.06	0.04	0.04	0.04	0.03	0.03	0.04	0.06	0.02	0.02	0.02	0.02	0.04
40th	0.04	0.04	0.06	0.06	0.06	0.04	0.03	0.03	0.04	0.06	0.04	0.02	0.02	0.04	0.04
50th	0.04	0.04	0.06	0.06	0.06	0.06	0.03	0.03	0.06	0.06	0.04	0.02	0.03	0.04	0.04
60th	0.06	0.04	0.07	0.06	0.06	0.06	0.04	0.04	0.06	0.06	0.04	0.02	0.04	0.04	0.04
70th	0.06	0.04	0.08	0.08	0.06	0.06	0.04	0.04	0.08	0.08	0.04	0.02	0.04	0.04	0.06
80th	0.08	0.06	0.08	0.08	0.07	0.08	0.04	0.05	0.10	0.08	0.04	0.03	0.04	0.06	0.06
85th	0.08	0.06	0.10	0.08	0.08	0.08	0.04	0.06	0.14	0.08	0.06	0.03	0.05	0.08	0.06
90th	0.08	0.08	0.10	0.10	0.08	0.08	0.06	0.06	0.15	0.10	0.06	0.03	0.06	0.08	0.06
95th	0.11	0.10	0.12	0.11	0.08	0.13	0.06	0.06	0.18	0.14	0.08	0.04	0.06	0.10	0.10
98th	0.17	0.14	0.21	0.24	0.10	0.13	0.08	0.06	0.18	0.14	0.08	0.04	0.08	0.12	0.14
99th	0.20	0.18	0.22	0.40	0.16	0.14	0.10	0.08	0.58	0.19	0.10	0.05	0.08	0.12	0.14
Maximum	0.58	0.24	0.27	0.44	0.20	0.14	0.10	0.08	0.58	0.19	0.10	0.05	0.08	0.12	0.14

Sulphur (S)
Stream Sediment

number of values : 854
units : %
detection limit : 0.01
analytical method : ICPMS

Sulphur by ICPMS

Summary Statistics

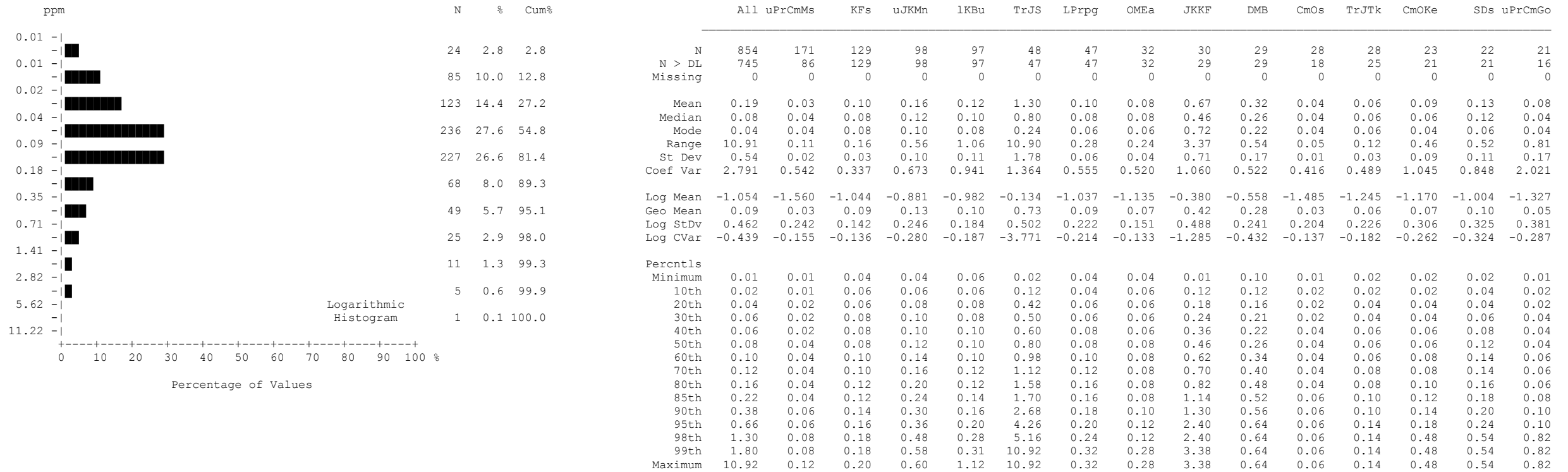


Tellurium (Te)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.02
 analytical method : ICPMS

Tellurium by ICPMS

Summary Statistics

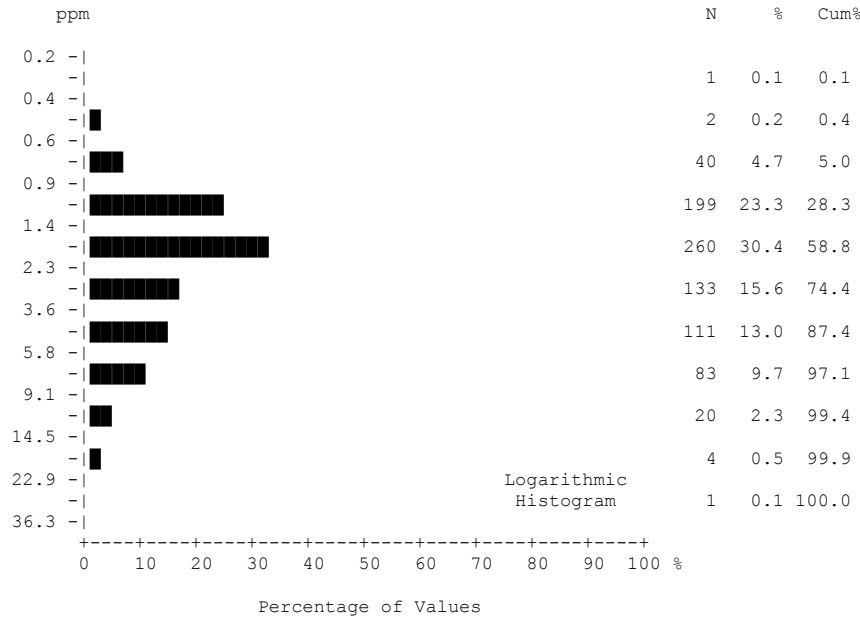


Thallium (TI)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.02
 analytical method : ICPMS

Thallium by ICPMS

Summary Statistics



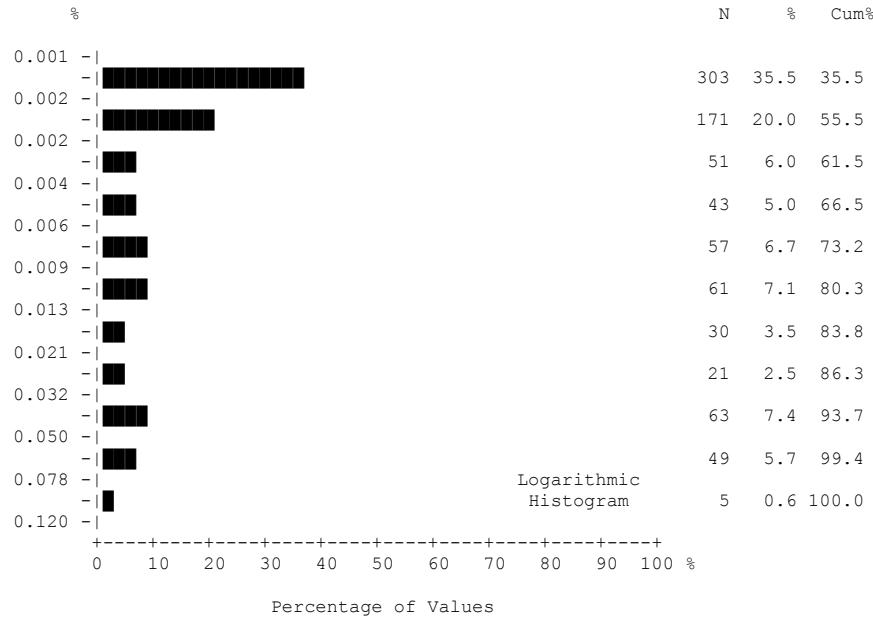
ppm	N	%	Cum%	All	uPrCmMs	KFs	uJKMn	lKBu	TrJS	LPrpg	OMEa	JKKF	DMB	CmOs	TrJTk	CmOke	SDs	uPrCmGo	
0.2 -				N	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
0.4 -	1	0.1	0.1	N > DL	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
0.6 -	2	0.2	0.4	Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.9 -	40	4.7	5.0	Mean	2.99	4.97	1.70	1.51	1.50	1.83	4.64	6.11	2.08	2.64	3.22	3.33	2.61	2.19	3.41
1.4 -	199	23.3	28.3	Median	2.00	4.50	1.60	1.40	1.50	1.70	4.40	5.30	1.90	2.30	2.70	2.30	1.90	1.40	2.70
2.3 -	260	30.4	58.8	Mode	1.30	2.20	1.40	1.20	1.30	1.70	1.60	1.80	1.30	1.30	2.10	1.30	0.90	0.90	1.50
3.6 -	133	15.6	74.4	Range	30.8	16.0	3.5	3.7	1.3	3.8	12.7	30.5	4.3	7.2	6.9	7.3	5.9	6.4	6.8
5.8 -	111	13.0	87.4	St Dev	2.61	2.84	0.52	0.49	0.30	0.79	2.80	6.18	0.89	1.53	1.66	2.11	1.91	1.76	2.22
9.1 -	83	9.7	97.1	Coef Var	0.873	0.572	0.306	0.326	0.201	0.429	0.604	1.011	0.427	0.579	0.516	0.634	0.730	0.803	0.649
14.5 -	20	2.3	99.4	Log Mean	0.364	0.624	0.213	0.161	0.166	0.222	0.586	0.603	0.272	0.374	0.453	0.426	0.282	0.227	0.441
22.9 -	4	0.5	99.9	Geo Mean	2.31	4.20	1.63	1.45	1.47	1.67	3.86	4.01	1.87	2.37	2.84	2.66	1.92	1.69	2.76
36.3 -	1	0.1	100.0	Log StDv	0.294	0.262	0.121	0.123	0.085	0.196	0.279	0.419	0.223	0.196	0.226	0.308	0.367	0.314	0.298
				Log CVar	0.811	0.420	0.567	0.768	0.514	0.882	0.476	0.696	0.821	0.525	0.500	0.725	1.300	1.389	0.675
				Percentls															
				Minimum	0.3	0.7	0.8	0.6	1.0	0.6	0.9	0.6	0.3	1.1	1.0	0.7	0.5	0.5	0.8
				10th	1.1	2.0	1.2	1.1	1.1	0.8	1.6	0.9	1.0	1.3	1.4	1.1	0.6	0.6	0.9
				20th	1.3	2.5	1.3	1.2	1.2	1.2	2.0	1.5	1.3	1.6	1.8	1.3	0.8	0.9	1.5
				30th	1.5	3.0	1.4	1.2	1.3	1.3	2.9	1.9	1.6	1.9	2.1	1.5	0.9	1.1	1.9
				40th	1.7	3.6	1.5	1.3	1.4	1.6	3.5	3.5	1.7	2.1	2.3	1.8	1.1	1.2	2.0
				50th	2.0	4.5	1.6	1.4	1.5	1.7	4.4	5.3	1.9	2.3	2.7	2.3	1.9	1.4	2.7
				60th	2.3	5.1	1.7	1.5	1.5	1.8	4.9	5.7	2.2	2.4	3.2	4.4	3.6	1.6	3.0
				70th	3.1	6.0	1.8	1.6	1.6	2.1	5.8	6.3	2.3	2.8	4.2	4.9	4.0	2.2	4.2
				80th	4.6	6.9	2.1	1.8	1.8	2.4	6.5	8.1	2.7	3.0	4.5	5.0	4.4	3.0	5.7
				85th	5.3	7.5	2.1	1.8	1.8	2.6	6.8	8.2	3.0	3.3	4.7	5.3	4.8	4.3	5.8
				90th	6.4	9.0	2.3	2.0	1.9	2.8	7.3	14.9	3.0	3.5	5.0	5.6	5.1	4.9	7.0
				95th	7.9	10.6	2.6	2.3	2.0	3.0	8.8	15.0	3.8	6.7	6.2	7.0	5.4	5.7	7.5
				98th	10.6	12.2	3.1	2.6	2.2	3.6	13.3	16.5	3.8	6.7	6.2	7.0	6.4	6.9	7.6
				99th	12.3	12.3	3.3	3.1	2.3	4.4	13.6	31.1	4.6	8.3	7.9	8.0	6.4	6.9	7.6
				Maximum	31.1	16.7	4.3	4.3	2.3	4.4	13.6	31.1	4.6	8.3	7.9	8.0	6.4	6.9	7.6

Thorium (Th)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.1
 analytical method : ICPMS

Thorium by ICPMS

Summary Statistics



	All	uPrCmMs	KFs	uJKMn	lKBu	TrJS	LPrpg	OMEa	JKKF	DMB	CmOs	TrJTk	CmOke	SDs	uPrCmGo
N	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
N > DL	551	167	54	29	34	23	47	32	14	17	19	28	16	17	17
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.01	0.01	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.00	0.06	0.01	0.00	0.00
Median	0.002	0.01	0.00	0.00	0.00	0.00	0.05	0.04	0.00	0.00	0.00	0.06	0.00	0.00	0.00
Mode	0.001	0.00	0.00	0.00	0.00	0.00	0.05	0.02	0.00	0.00	0.00	0.05	0.00	0.00	0.00
Range	0.084	0.040	0.009	0.009	0.009	0.003	0.056	0.050	0.004	0.006	0.006	0.071	0.045	0.003	0.022
St Dev	0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.02	0.02	0.00	0.00
Coef Var	1.658	0.864	1.039	1.207	1.118	0.506	0.302	0.390	0.675	0.639	0.693	0.353	1.544	0.370	1.282
Log Mean	-2.442	-2.239	-2.817	-2.803	-2.773	-2.821	-1.373	-1.462	-2.814	-2.799	-2.689	-1.296	-2.457	-2.738	-2.585
Geo Mean	0.00	0.01	0.00	0.00	0.00	0.00	0.04	0.03	0.00	0.00	0.00	0.05	0.00	0.00	0.00
Log StDv	0.597	0.344	0.270	0.347	0.358	0.202	0.151	0.202	0.232	0.201	0.274	0.216	0.619	0.165	0.340
Log CVar	-0.244	-0.154	-0.096	-0.124	-0.129	-0.072	-0.110	-0.138	-0.082	-0.072	-0.102	-0.167	-0.252	-0.060	-0.132
Percentls															
Minimum	0.001	0.001	0.001	0.001	0.001	0.001	0.016	0.012	0.001	0.001	0.001	0.012	0.001	0.001	0.001
10th	0.001	0.002	0.001	0.001	0.001	0.001	0.026	0.017	0.001	0.001	0.001	0.018	0.001	0.001	0.001
20th	0.001	0.003	0.001	0.001	0.001	0.001	0.032	0.019	0.001	0.001	0.001	0.041	0.001	0.001	0.001
30th	0.001	0.003	0.001	0.001	0.001	0.001	0.038	0.026	0.001	0.001	0.001	0.046	0.001	0.002	0.002
40th	0.002	0.004	0.001	0.001	0.001	0.001	0.043	0.035	0.001	0.001	0.002	0.054	0.002	0.002	0.002
50th	0.002	0.006	0.001	0.001	0.001	0.001	0.046	0.041	0.001	0.002	0.002	0.055	0.002	0.002	0.002
60th	0.003	0.008	0.002	0.001	0.001	0.002	0.048	0.045	0.002	0.002	0.002	0.062	0.002	0.002	0.003
70th	0.007	0.009	0.002	0.001	0.002	0.002	0.053	0.047	0.002	0.002	0.002	0.069	0.003	0.002	0.003
80th	0.012	0.011	0.002	0.002	0.003	0.002	0.057	0.051	0.002	0.002	0.004	0.071	0.015	0.002	0.003
85th	0.026	0.014	0.002	0.004	0.007	0.003	0.060	0.052	0.002	0.002	0.004	0.077	0.035	0.002	0.006
90th	0.042	0.015	0.003	0.009	0.007	0.003	0.062	0.054	0.003	0.002	0.005	0.078	0.043	0.003	0.006
95th	0.053	0.021	0.007	0.010	0.010	0.003	0.063	0.055	0.005	0.003	0.006	0.078	0.045	0.003	0.010
98th	0.063	0.031	0.010	0.010	0.010	0.004	0.068	0.062	0.005	0.003	0.006	0.078	0.046	0.004	0.023
99th	0.072	0.033	0.010	0.010	0.010	0.004	0.072	0.062	0.005	0.007	0.007	0.083	0.046	0.004	0.023
Maximum	0.085	0.041	0.010	0.010	0.010	0.004	0.072	0.062	0.005	0.007	0.007	0.083	0.046	0.004	0.023

Titanium (Ti)
Stream Sediment

number of values : 854
units : %
detection limit : 0.001
analytical method : ICPMS

Titanium by ICPMS

Summary Statistics

	All	uPrCmMs	KFs	uJKMn	lKBu	TrJS	LPrpg	OMeA	JKKF	DMB	CmOs	TrJTk	CmOke	SDs	uPrCmGo
N	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
N > DL	9	1	0	0	0	1	2	2	0	0	0	0	0	0	0
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.10	0.10	0.10	0.10	0.10	0.11	0.10	0.13	0.10	0.10	0.10	0.10	0.10	0.10	0.10
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	0.7	0.1	0.0	0.0	0.0	0.6	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
St Dev	0.03	0.01	0.00	0.00	0.00	0.09	0.02	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coef Var	0.333	0.076	0.000	0.000	0.000	0.770	0.196	0.995	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Log Mean	-0.995	-0.998	-1.000	-1.000	-1.000	-0.982	-0.987	-0.962	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000	-1.000
Geo Mean	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Log StDv	0.053	0.023	0.000	0.000	0.000	0.122	0.061	0.167	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Log CVar	-0.053	-0.023	0.000	0.000	0.000	-0.124	-0.062	-0.173	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Percentls															
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	0.1	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
85th	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
90th	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
95th	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
98th	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
99th	0.1	0.1	0.1	0.1	0.1	0.7	0.2	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Maximum	0.8	0.2	0.1	0.1	0.1	0.7	0.2	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1

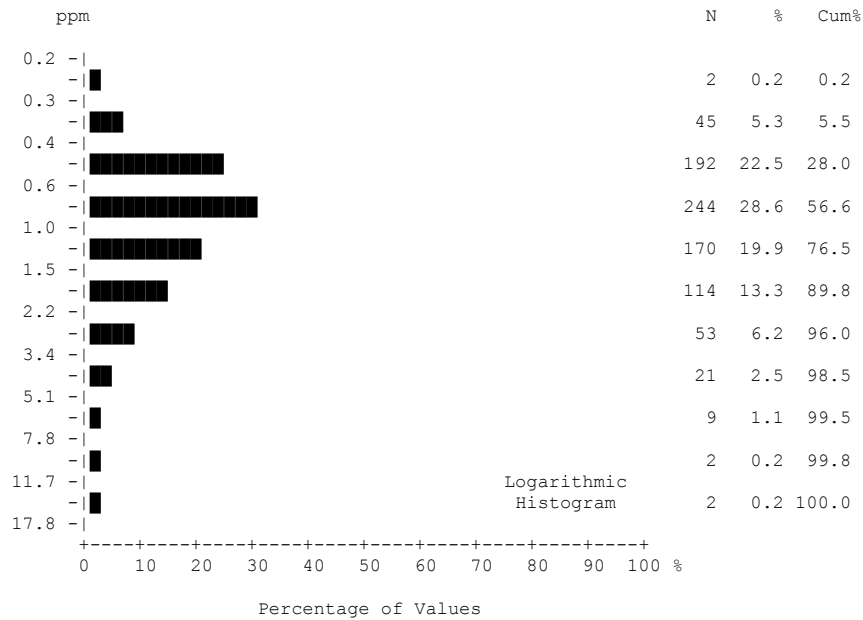
Histograms are not calculated for variables with fewer than 15 samples above the detection limit.

Tungsten (W)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.1
 analytical method : ICPMS

Tungsten by ICPMS

Summary Statistics



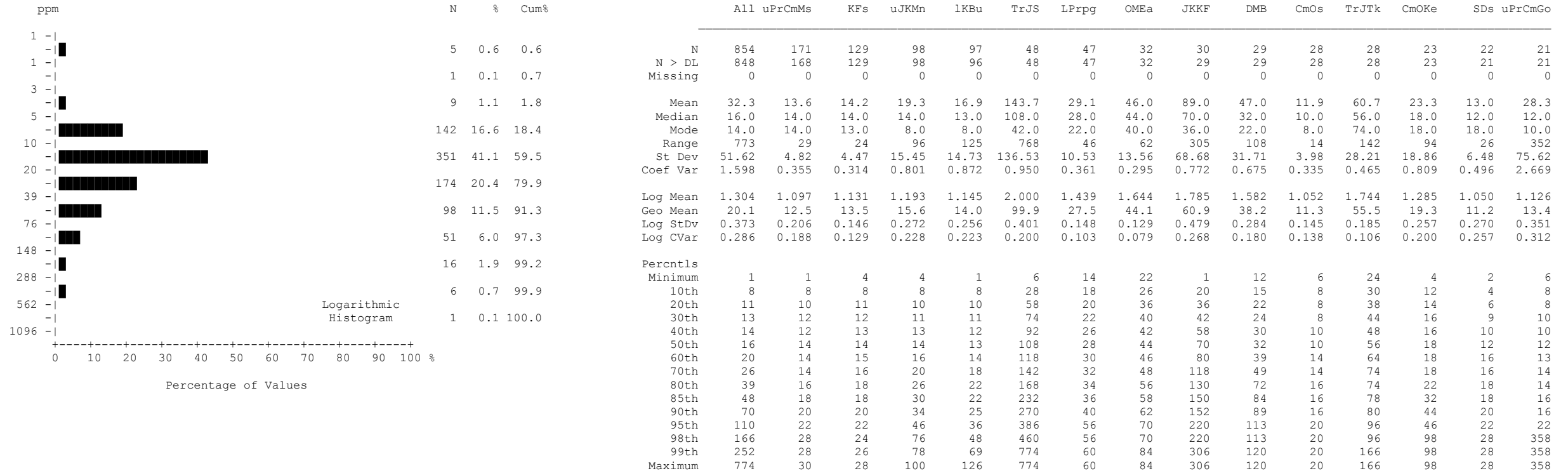
	All	uPrCmMs	KFs	uJKMn	lKBu	TrJS	LPrpg	OMeA	JKKF	DMB	CmOs	TrJTk	CmOke	SDs	uPrCmGo
N	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
N > DL	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	1.21	1.48	0.67	0.89	0.79	2.51	1.65	1.28	1.91	1.05	0.65	0.70	0.79	0.70	1.41
Median	0.80	1.30	0.60	0.80	0.70	2.00	1.10	0.90	1.80	1.00	0.50	0.50	0.60	0.60	1.10
Mode	0.60	1.00	0.60	0.60	0.70	1.90	1.30	0.70	0.80	0.60	0.50	0.40	0.50	0.50	0.80
Range	11.9	8.2	0.9	2.4	3.1	7.3	11.5	5.1	3.7	1.5	1.6	2.0	3.4	1.8	5.6
St Dev	1.13	0.99	0.17	0.39	0.35	1.55	1.84	1.11	0.91	0.43	0.33	0.51	0.72	0.39	1.19
Coef Var	0.928	0.669	0.254	0.442	0.443	0.616	1.120	0.867	0.474	0.409	0.508	0.732	0.910	0.554	0.841
Log Mean	-0.015	0.109	-0.188	-0.085	-0.126	0.324	0.094	0.017	0.219	-0.012	-0.226	-0.232	-0.197	-0.196	0.063
Geo Mean	0.97	1.29	0.65	0.82	0.75	2.11	1.24	1.04	1.66	0.97	0.59	0.59	0.64	0.64	1.16
Log StDv	0.268	0.221	0.105	0.166	0.141	0.267	0.291	0.258	0.265	0.176	0.168	0.238	0.265	0.176	0.258
Log CVar	-19.162	2.047	-0.560	-1.953	-1.117	0.828	3.126	16.129	1.210	-14.667	-0.742	-1.031	-1.351	-0.904	4.164
Percentls															
Minimum	0.2	0.3	0.4	0.3	0.3	0.4	0.4	0.4	0.2	0.5	0.3	0.3	0.2	0.4	0.4
10th	0.5	0.7	0.5	0.5	0.5	1.1	0.6	0.5	0.8	0.6	0.4	0.3	0.3	0.4	0.5
20th	0.6	0.8	0.5	0.6	0.6	1.4	0.7	0.7	1.0	0.6	0.5	0.4	0.5	0.4	0.7
30th	0.7	1.0	0.6	0.7	0.6	1.6	0.8	0.7	1.3	0.8	0.5	0.4	0.5	0.5	0.8
40th	0.7	1.1	0.6	0.7	0.7	1.9	1.0	0.8	1.6	0.9	0.5	0.5	0.5	0.5	0.9
50th	0.8	1.3	0.6	0.8	0.7	2.0	1.1	0.9	1.8	1.0	0.5	0.5	0.6	0.6	1.1
60th	1.0	1.5	0.7	0.9	0.8	2.3	1.2	1.1	2.0	1.0	0.6	0.6	0.6	0.6	1.3
70th	1.3	1.7	0.7	1.0	0.8	2.5	1.3	1.2	2.4	1.2	0.6	0.7	0.7	0.7	1.4
80th	1.6	1.8	0.8	1.0	0.9	3.3	1.9	1.5	2.8	1.4	0.7	0.8	0.8	0.8	1.5
85th	1.8	2.0	0.8	1.2	1.0	3.8	2.6	1.6	2.9	1.5	0.8	0.9	1.0	0.9	1.8
90th	2.3	2.1	0.9	1.4	1.0	4.7	2.8	2.1	2.9	1.6	1.0	1.3	1.1	1.0	2.4
95th	3.0	2.9	1.0	1.5	1.3	5.7	3.9	2.5	3.7	2.0	1.3	2.2	2.1	1.1	2.5
98th	4.7	4.4	1.1	1.9	1.5	6.4	5.7	4.7	3.7	2.0	1.3	2.2	3.6	2.2	6.0
99th	5.7	5.0	1.1	2.4	1.5	7.7	11.9	5.5	3.9	2.0	1.9	2.3	3.6	2.2	6.0
Maximum	12.1	8.5	1.3	2.7	3.4	7.7	11.9	5.5	3.9	2.0	1.9	2.3	3.6	2.2	6.0

Uranium (U)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.1
 analytical method : ICPMS

Uranium by ICPMS

Summary Statistics

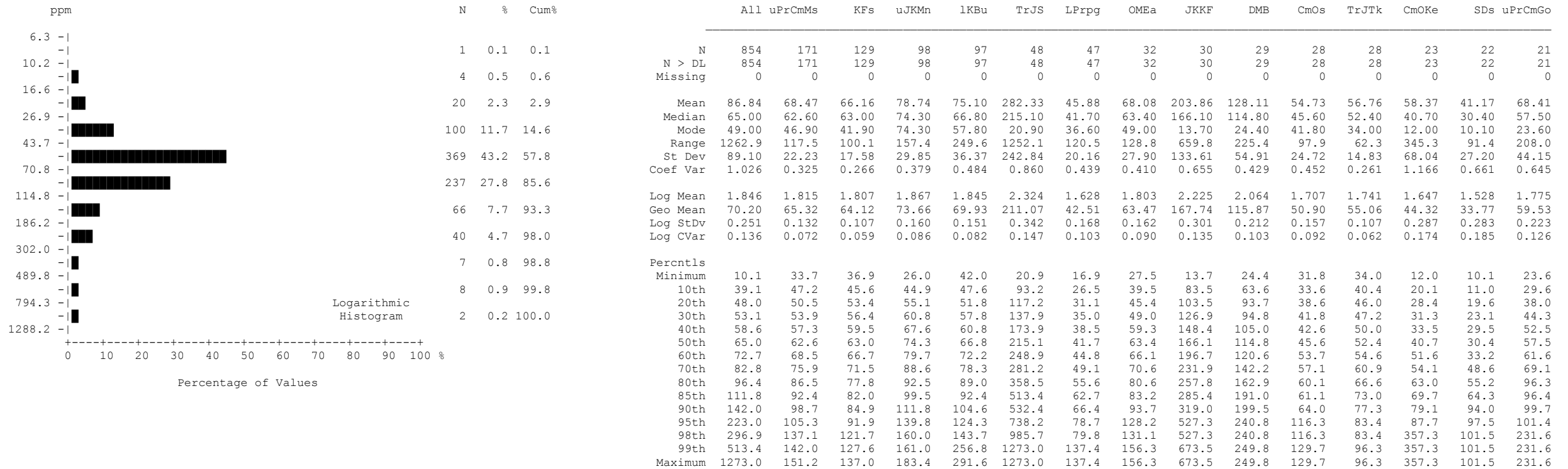


Vanadium (V)
Stream Sediment

number of values : 854
units : ppm
detection limit : 2
analytical method : ICPMS

Vanadium by ICPMS

Summary Statistics

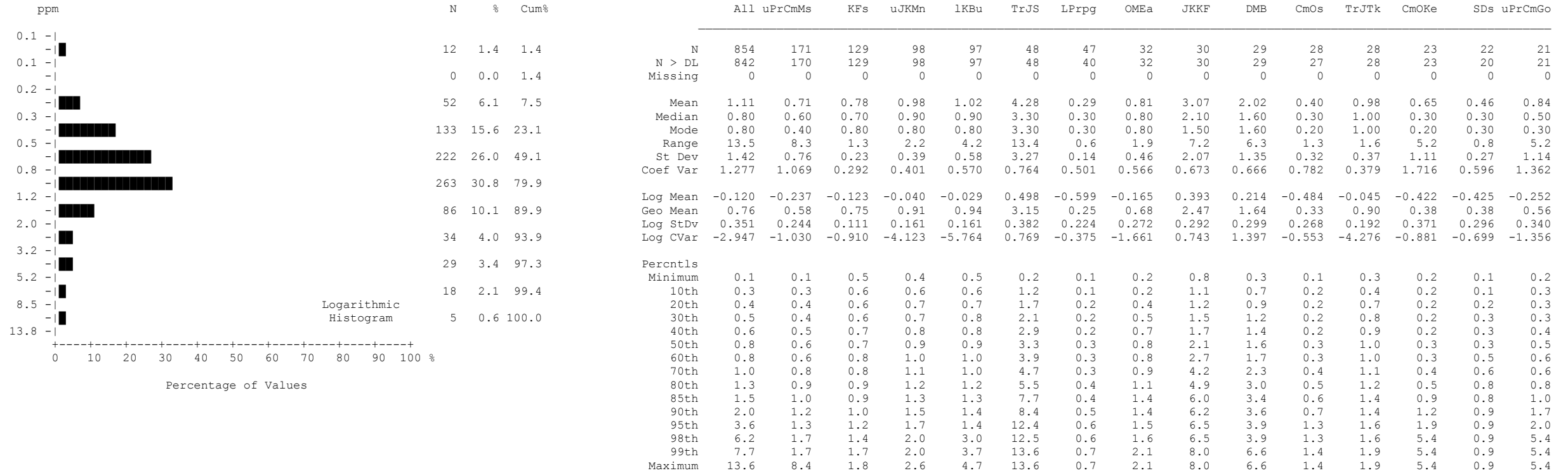


Zinc (Zn)
Stream Sediment

number of values : 854
units : ppm
detection limit : 0.1
analytical method : ICPMS

Zinc by ICPMS

Summary Statistics

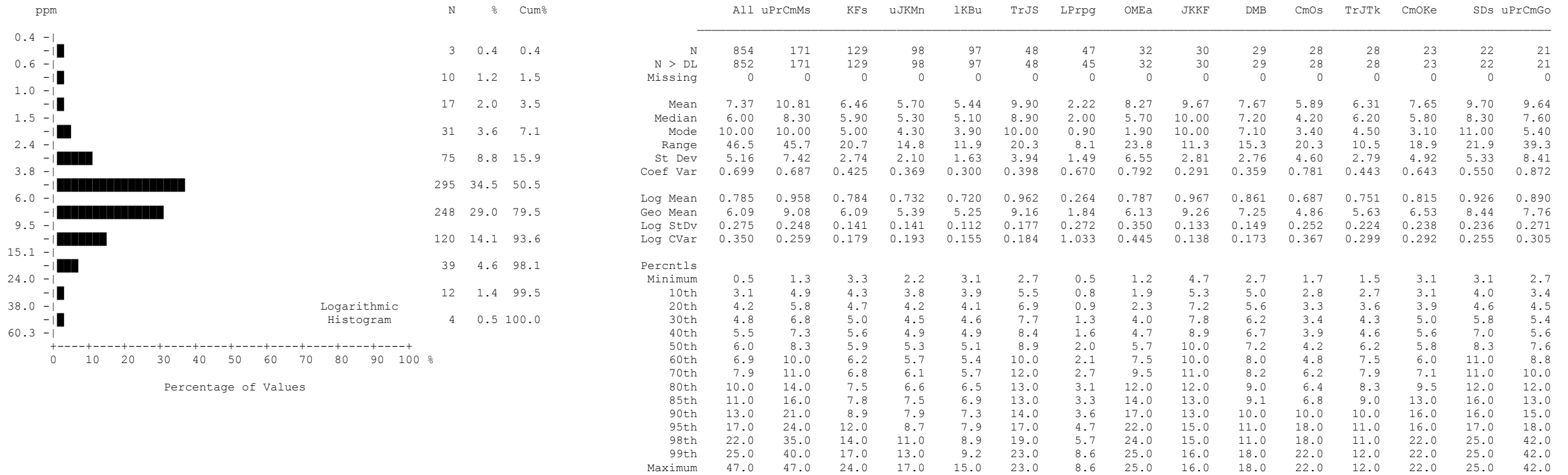


Antimony (Sb)
Stream Sediment

number of values : 854
units : ppm
detection limit : 0.1
analytical method : INAA

Antimony by INAA

Summary Statistics

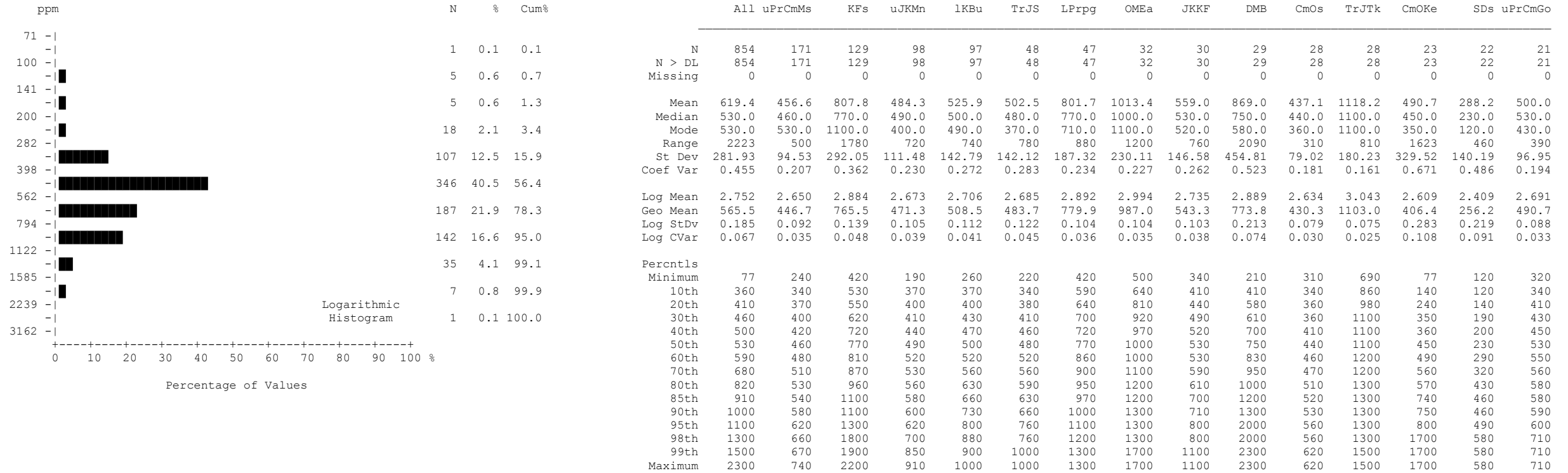


Arsenic (As)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.5
 analytical method : INAA

Arsenic by INAA

Summary Statistics

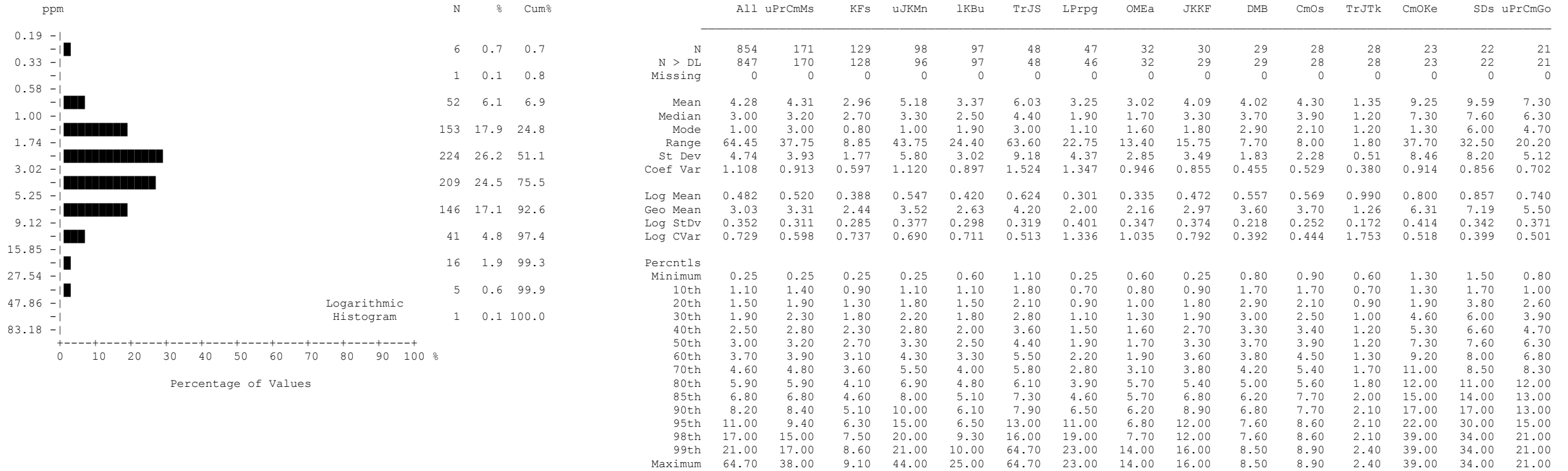


Barium (Ba)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 50
 analytical method : INAA

Barium by INAA

Summary Statistics

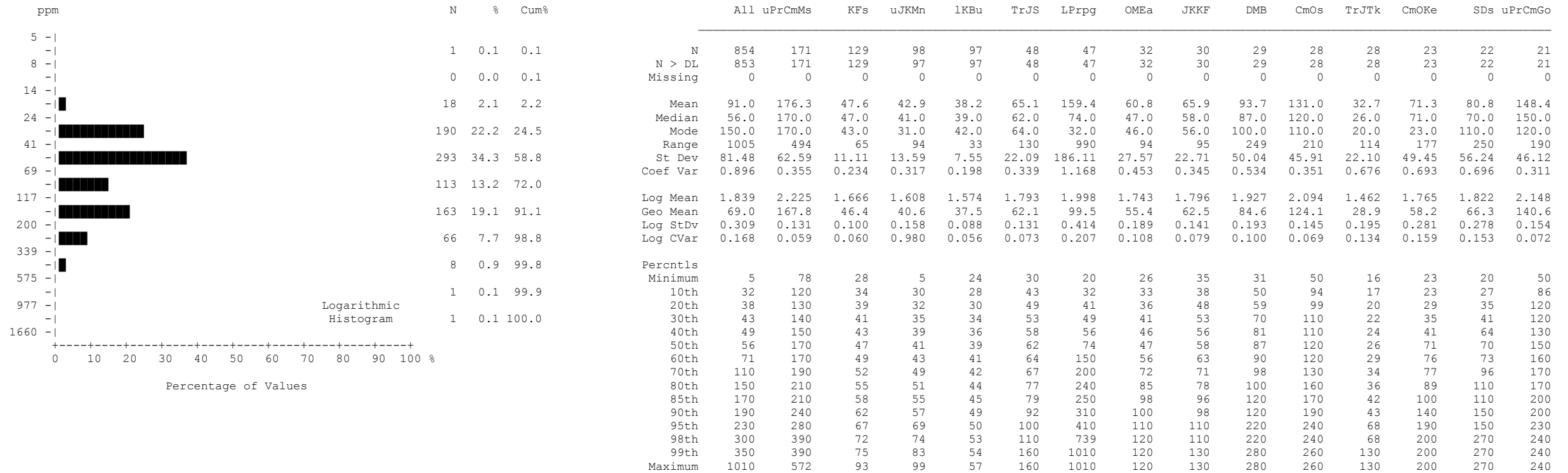


Bromine (Br)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.5
 analytical method : INAA

Bromine by INAA

Summary Statistics

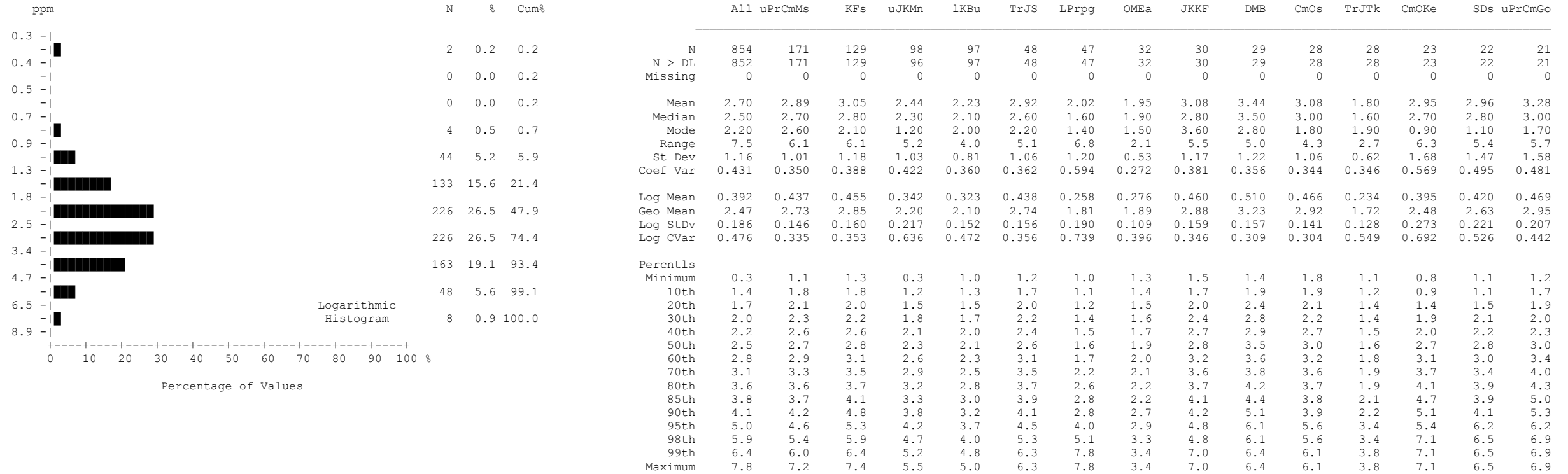


Cerium (Ce)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 5
 analytical method : INAA

Cerium by INAA

Summary Statistics

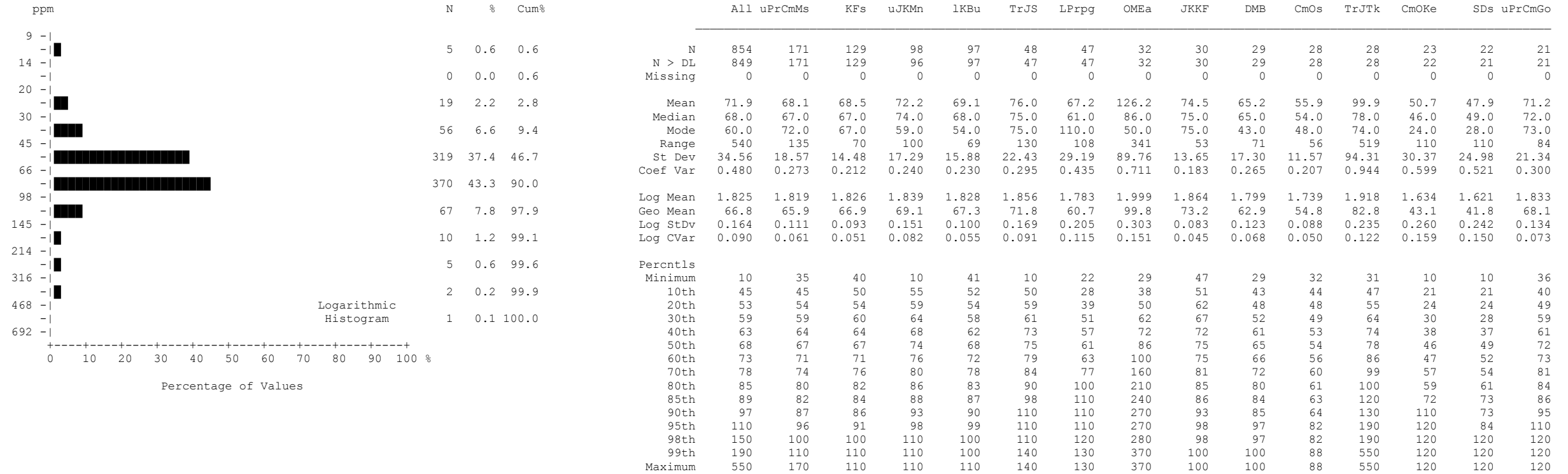


Cesium (Cs)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.5
 analytical method : INAA

Cesium by INAA

Summary Statistics

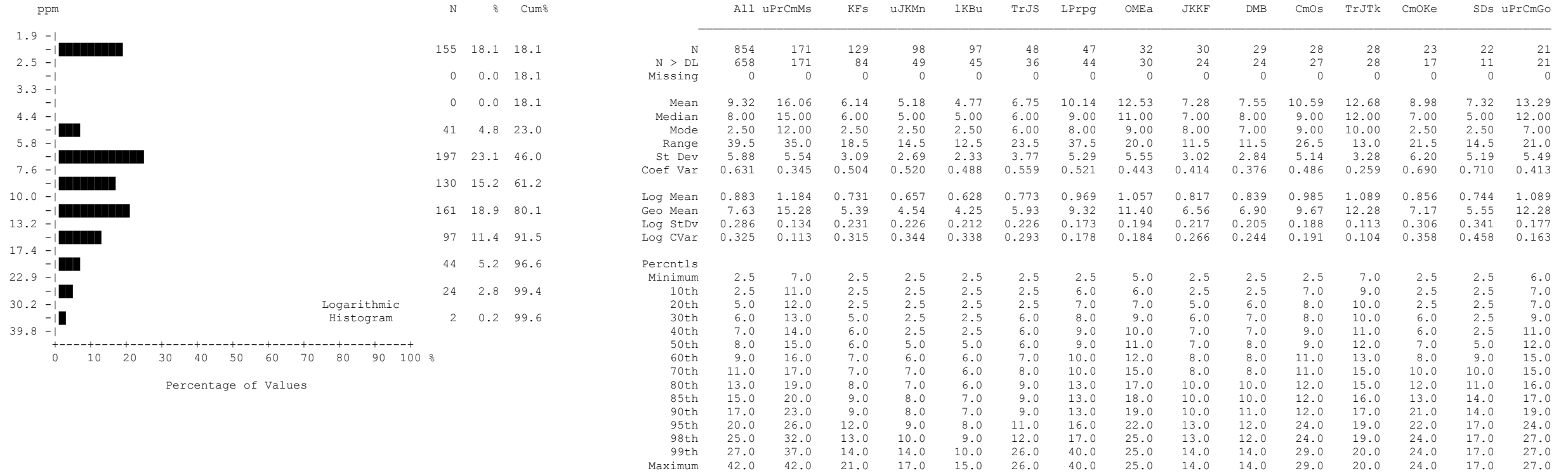


Chromium (Cr)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 20
 analytical method : INAA

Chromium by INAA

Summary Statistics

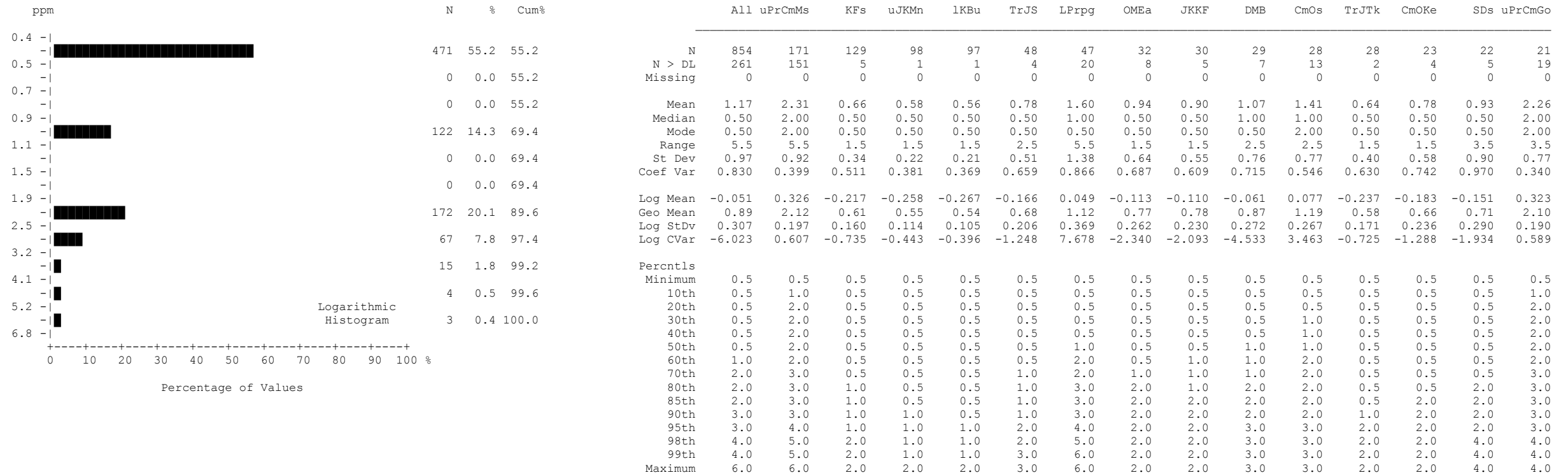


Cobalt (Co)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 5
 analytical method : INAA

Cobalt by INAA

Summary Statistics

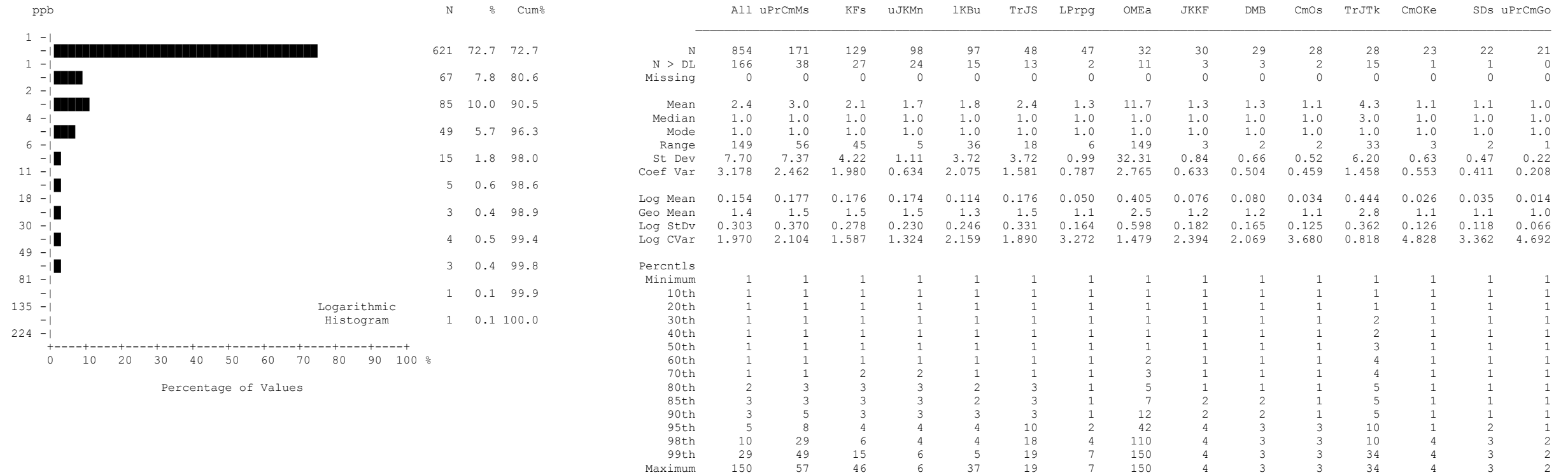


Europium (Eu)
Stream Sediment

number of values : 854
units : ppm
detection limit : 1
analytical method : INAA

Europium by INAA

Summary Statistics



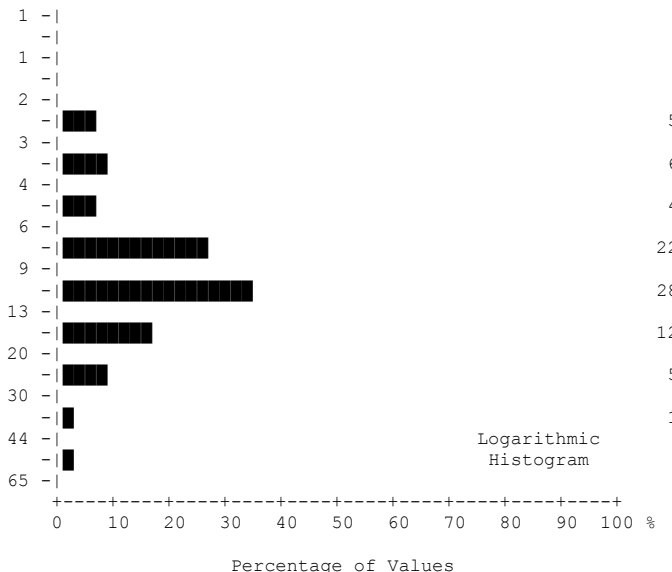
Gold (Au)
Stream Sediment

number of values : 854
 units : ppb
 detection limit : 2
 analytical method : INAA

Gold by INAA

Summary Statistics

ppm	N	%	Cum%		All	uPrCmMs	KFs	uJKMn	lKBu	TrJS	LPrpg	OMeA	JKKF	DMB	CmOs	TrJTk	CmOke	SDs	uPrCmGo
1 -				N	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
-	1	0.1	0.1	N > DL	853	171	129	97	97	48	47	32	30	29	28	28	23	22	21
1 -				Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-	0	0.0	0.1																
2 -				Mean	10.7	16.7	9.4	10.5	9.8	9.9	8.6	3.8	10.0	11.2	11.9	2.7	6.3	8.8	17.2
-	52	6.1	6.2	Median	10.0	16.0	9.0	10.0	10.0	10.0	4.0	3.0	10.0	10.0	11.0	2.0	6.0	7.0	16.0
3 -				Mode	10.0	12.0	9.0	10.0	8.0	10.0	3.0	2.0	11.0	12.0	10.0	2.0	2.0	6.0	15.0
-	62	7.3	13.5	Range	49	35	12	18	17	11	48	8	8	20	22	7	13	22	40
4 -				St Dev	6.03	6.53	2.28	2.79	2.67	2.36	9.15	2.22	1.91	4.38	5.06	1.70	3.70	5.32	8.09
-	44	5.2	18.6	Coef Var	0.562	0.390	0.243	0.266	0.273	0.239	1.067	0.582	0.191	0.392	0.425	0.625	0.583	0.603	0.469
6 -				Log Mean	0.959	1.191	0.959	1.000	0.976	0.983	0.761	0.522	0.992	1.022	1.041	0.390	0.724	0.887	1.193
-	222	26.0	44.6	Geo Mean	9.1	15.5	9.1	10.0	9.5	9.6	5.8	3.3	9.8	10.5	11.0	2.5	5.3	7.7	15.6
9 -				Log StDv	0.269	0.173	0.109	0.158	0.110	0.109	0.371	0.223	0.085	0.146	0.173	0.171	0.277	0.221	0.206
-	284	33.3	77.9	Log CVar	0.281	0.145	0.114	0.158	0.113	0.111	0.488	0.427	0.086	0.143	0.166	0.438	0.383	0.250	0.173
13 -				Percentls															
-	123	14.4	92.3	Minimum	1	4	4	1	5	5	2	2	6	6	5	2	2	4	4
20 -				10th	3	10	7	8	7	7	2	2	8	7	7	2	2	4	9
-	54	6.3	98.6	20th	7	11	8	9	8	8	3	2	8	8	8	2	3	4	10
30 -				30th	8	12	8	9	8	8	3	2	9	9	8	2	3	6	13
-	10	1.2	99.8	40th	9	14	9	10	9	9	3	3	10	9	10	2	4	6	15
44 -				50th	10	16	9	10	10	10	4	3	10	10	11	2	6	7	16
-	2	0.2	100.0	60th	11	18	10	11	10	10	8	3	11	11	11	2	7	8	17
65 -				70th	12	19	10	11	11	11	11	4	11	12	13	3	7	9	19
				80th	14	21	11	12	11	12	13	5	11	12	15	3	9	11	20
				85th	16	23	12	13	11	12	14	6	11	13	17	3	11	12	22
				90th	18	26	12	14	12	13	16	7	12	16	17	3	12	15	24
				95th	22	29	14	16	14	13	26	8	14	20	22	8	12	18	27
				98th	27	34	15	16	16	14	30	9	14	20	22	8	15	26	44
				99th	31	36	15	16	19	16	50	10	14	26	27	9	15	26	44
				Maximum	50	39	16	19	22	16	50	10	14	26	27	9	15	26	44

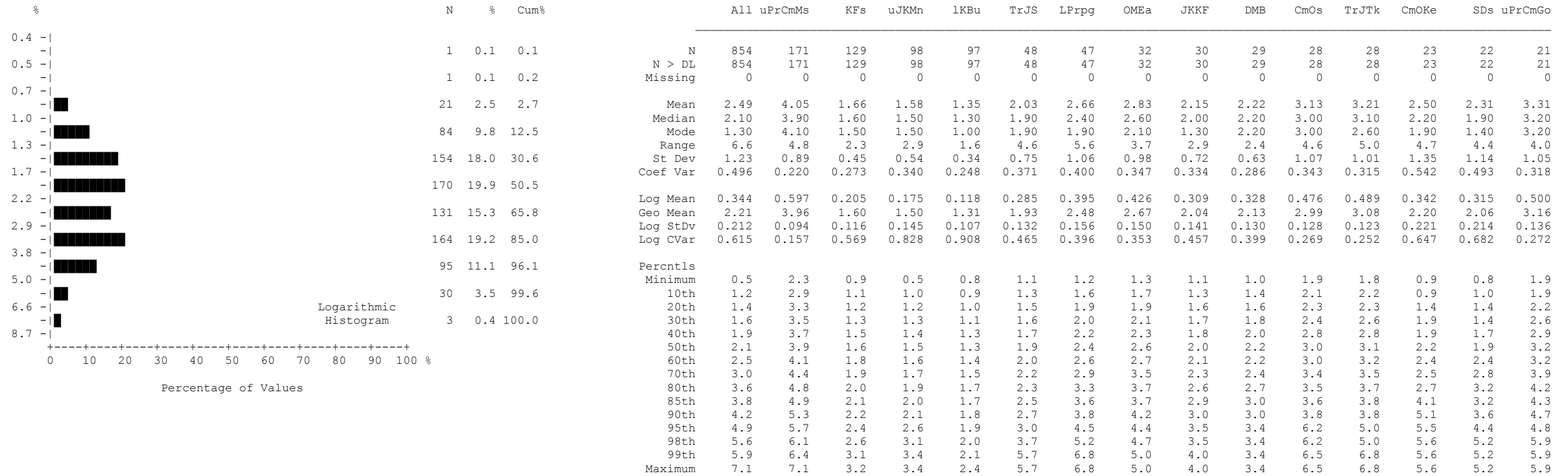


Hafnium (Hf)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 1
 analytical method : INAA

Hafnium by INAA

Summary Statistics

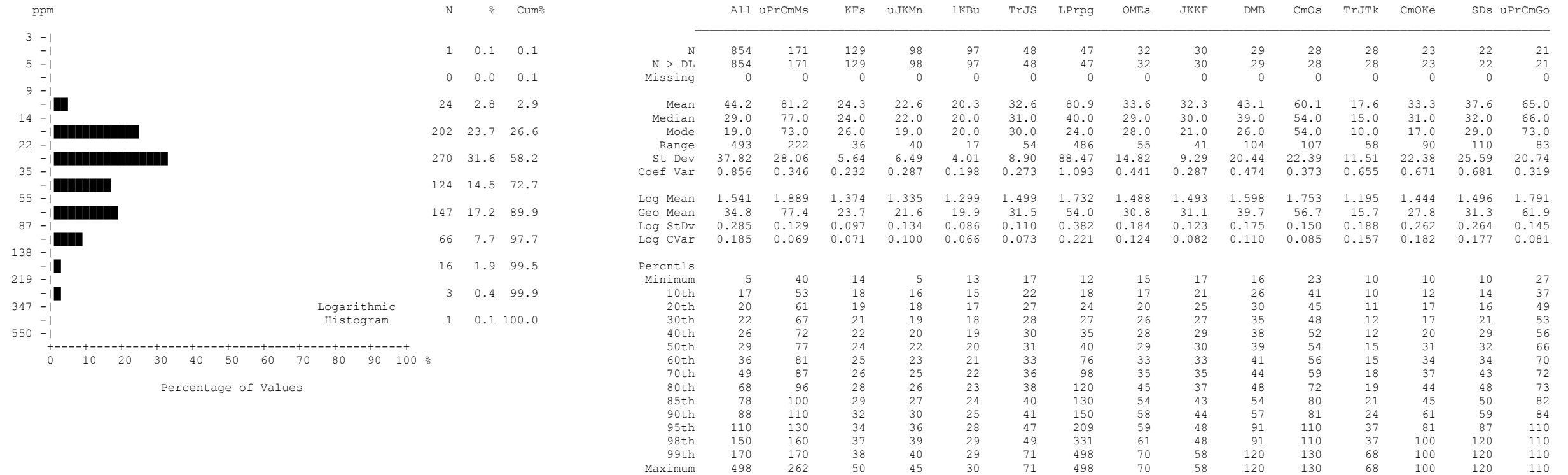


Iron (Fe)
Stream Sediment

number of values : 854
 units : %
 detection limit : 0.2
 analytical method : INAA

Iron by INAA

Summary Statistics

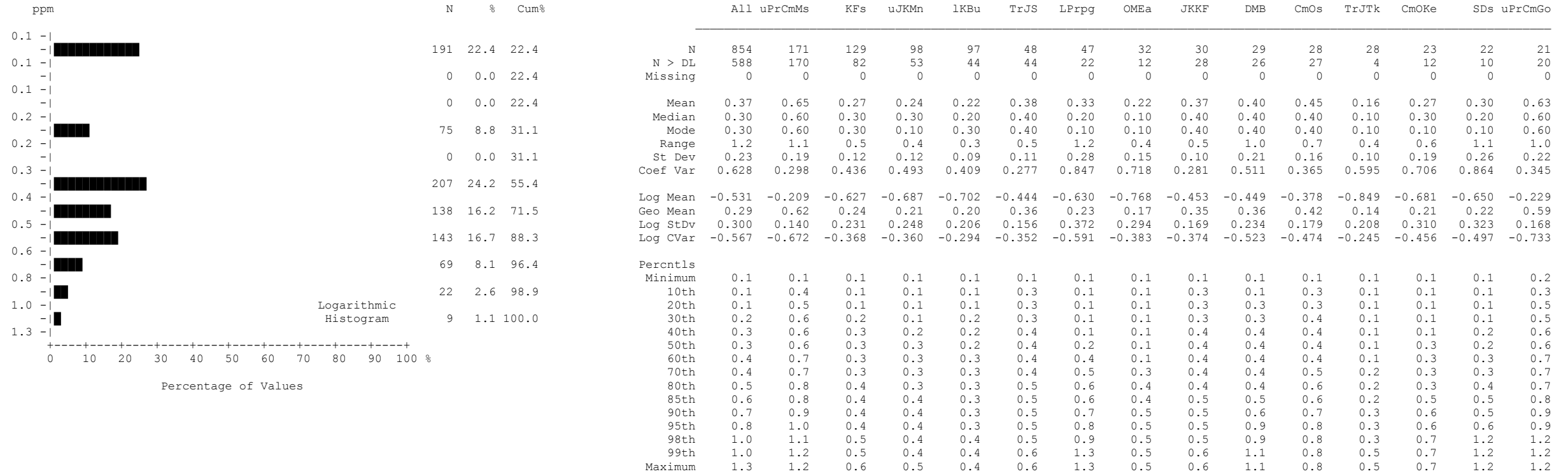


Lanthanum (La) Stream Sediment

number of values : 854
 units : ppm
 detection limit : 2
 analytical method : INAA

Lanthanum by INAA

Summary Statistics

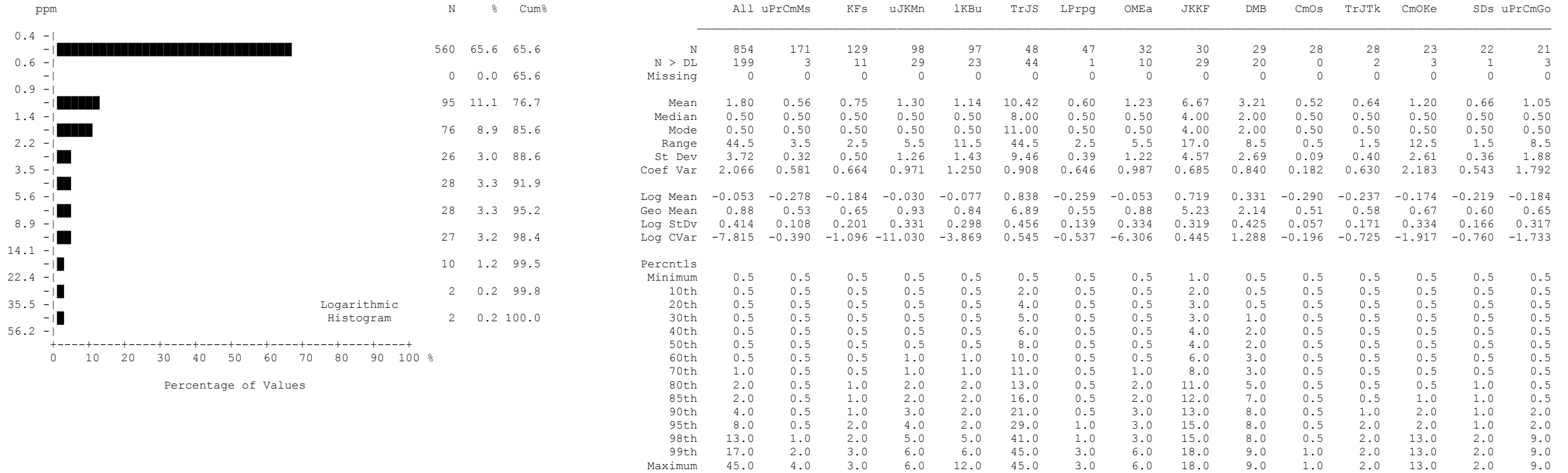


Lutetium (Lu)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.2
 analytical method : INAA

Lutetium by INAA

Summary Statistics

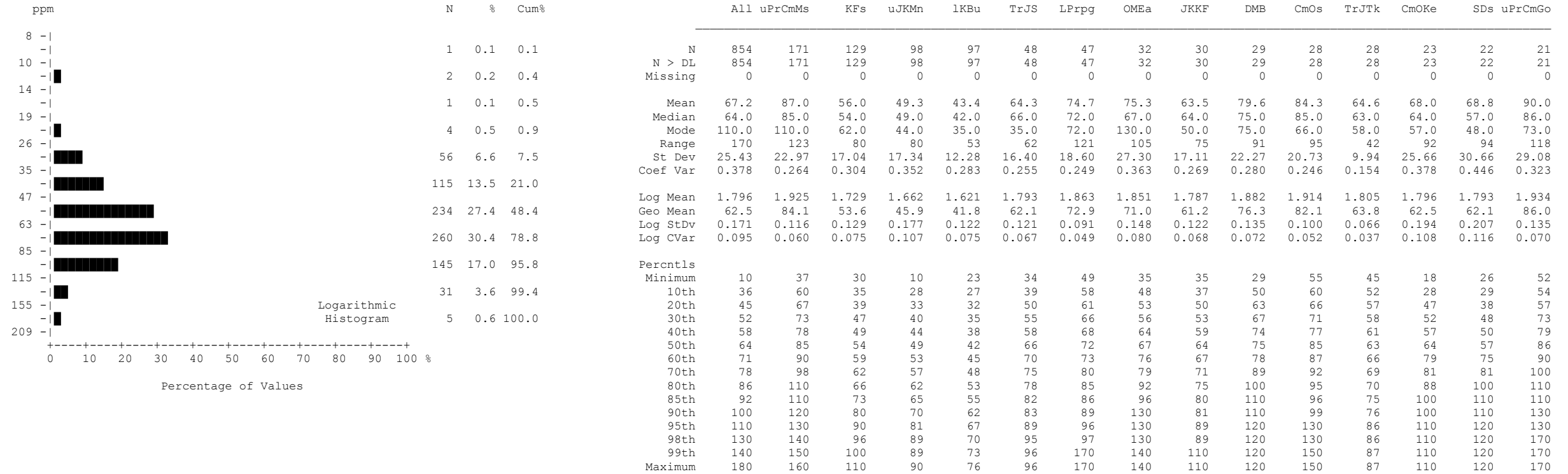


Molybdenum (Mo)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 1
 analytical method : INAA

Molybdenum by INAA

Summary Statistics

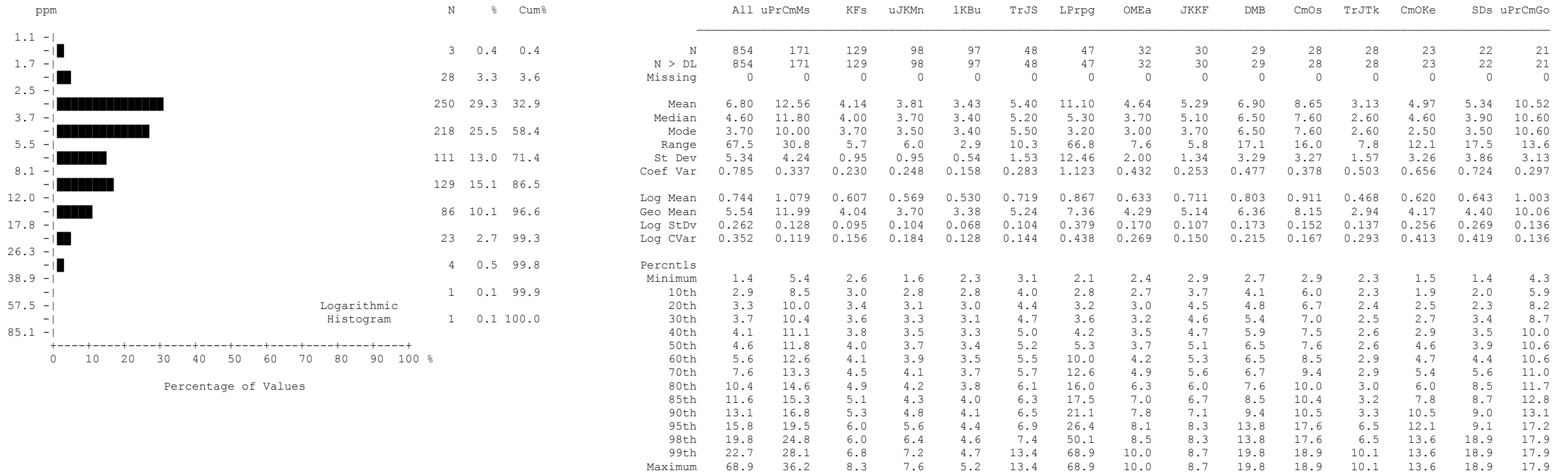


Rubidium (Rb)
Stream Sediment

number of values : 854
units : ppm
detection limit : 5
analytical method : INAA

Rubidium by INAA

Summary Statistics

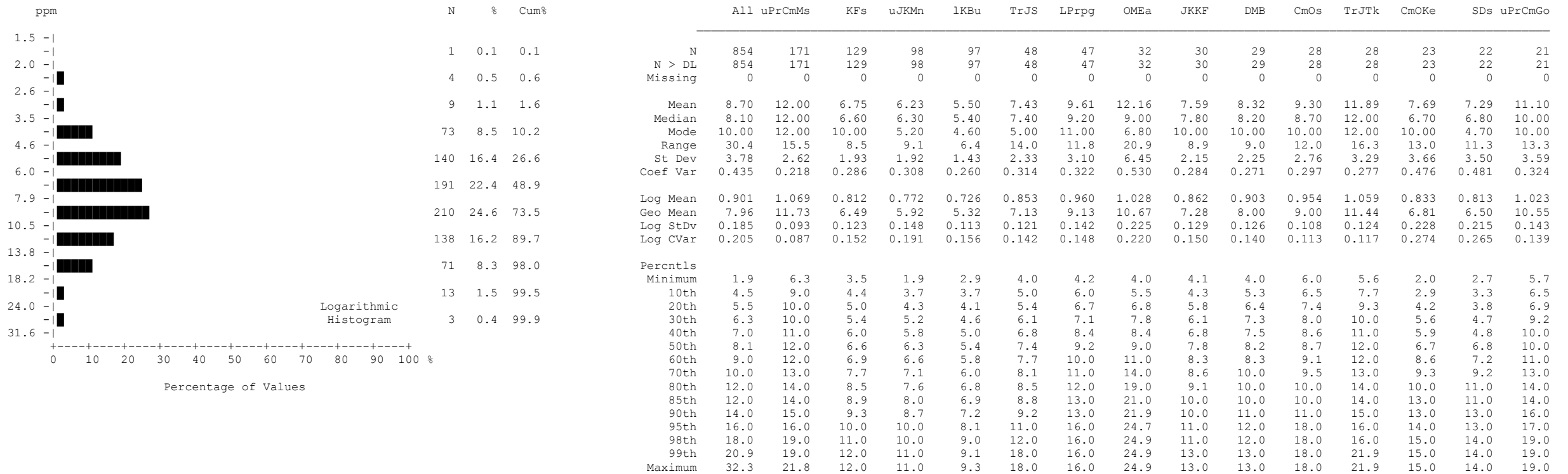


Samarium (Sm) Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.1
 analytical method : INAA

Samarium by INAA

Summary Statistics

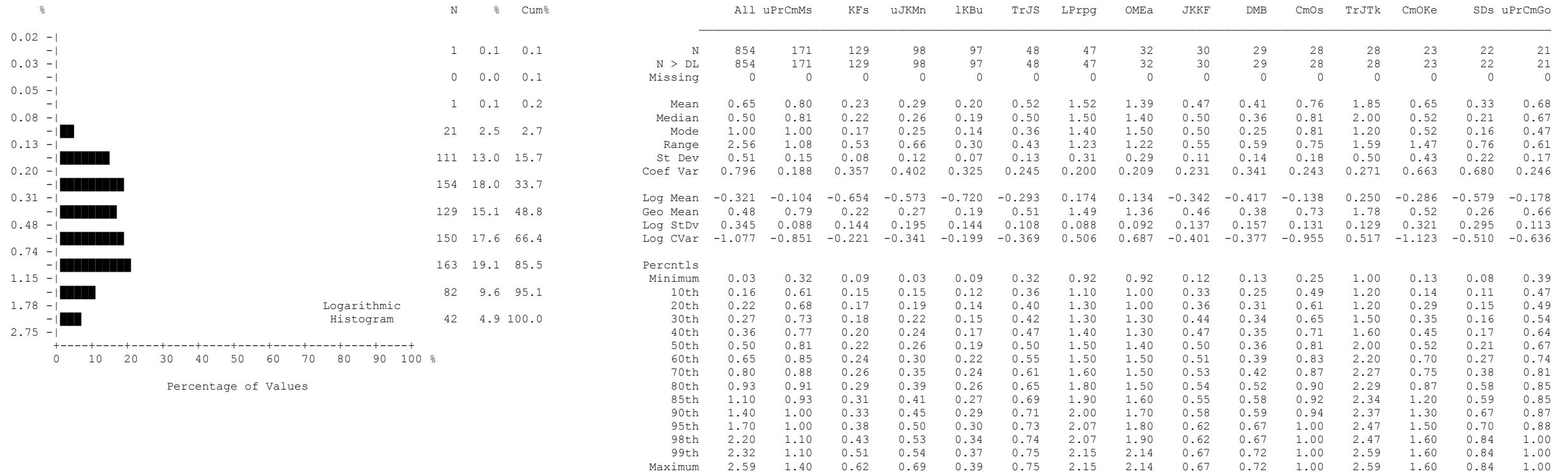


Scandium (Sc)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.2
 analytical method : INAA

Scandium by INAA

Summary Statistics

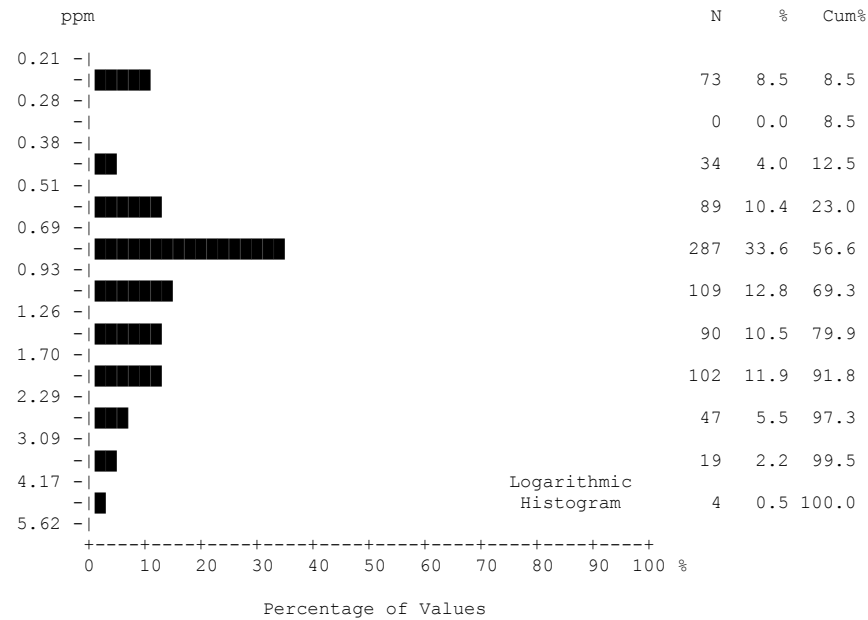


Sodium (Na)
Stream Sediment

number of values : 854
 units : %
 detection limit : 0.02
 analytical method : INAA

Sodium by INAA

Summary Statistics



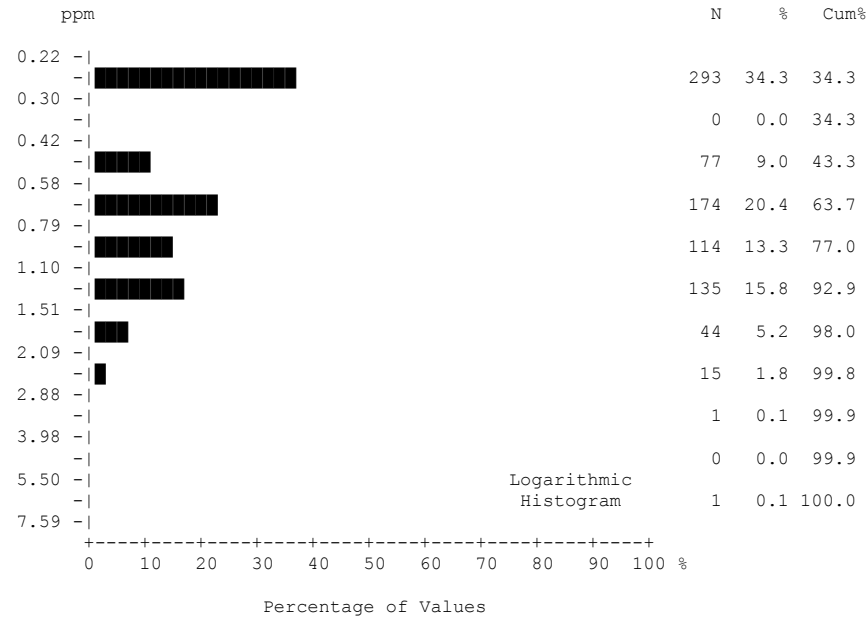
	All	uPrCmMs	KFs	uJKMn	lKBu	TrJS	LPrpg	OMEa	JKKF	DMB	CmOs	TrJTk	CmOke	SDs	uPrCmGo
N	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
N > DL	747	171	117	77	72	46	42	32	28	25	28	13	16	17	20
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	1.13	1.98	0.78	0.74	0.65	0.97	1.42	1.07	1.02	0.87	1.41	0.53	0.97	1.07	1.33
Median	0.90	1.90	0.80	0.70	0.60	0.90	1.00	0.90	0.90	1.00	1.30	0.50	0.70	0.80	1.20
Mode	0.80	1.90	0.80	0.90	0.60	0.80	0.90	0.70	0.80	1.00	1.30	0.25	0.25	0.25	1.20
Range	4.85	3.50	1.25	1.55	2.15	2.35	4.85	1.50	1.65	1.05	1.90	2.05	4.45	3.65	1.80
St Dev	0.73	0.66	0.21	0.31	0.28	0.38	1.10	0.44	0.38	0.27	0.53	0.42	0.97	0.84	0.47
Coef Var	0.643	0.331	0.274	0.415	0.431	0.397	0.778	0.409	0.372	0.309	0.377	0.791	0.996	0.786	0.351
Log Mean	-0.028	0.273	-0.125	-0.173	-0.226	-0.043	0.047	0.000	-0.026	-0.094	0.120	-0.361	-0.153	-0.086	0.097
Geo Mean	0.94	1.88	0.75	0.67	0.59	0.91	1.11	1.00	0.94	0.81	1.32	0.44	0.70	0.82	1.25
Log StDv	0.270	0.144	0.136	0.205	0.194	0.157	0.304	0.159	0.181	0.194	0.168	0.259	0.344	0.330	0.164
Log CVar	-10.013	0.527	-1.100	-1.183	-0.861	-3.644	6.607	0.000	-6.966	-2.083	1.412	-0.720	-2.263	-3.835	1.690
Percentls															
Minimum	0.25	0.80	0.25	0.25	0.25	0.25	0.25	0.60	0.25	0.25	0.70	0.25	0.25	0.25	0.50
10th	0.50	1.20	0.60	0.25	0.25	0.70	0.50	0.70	0.60	0.25	0.80	0.25	0.25	0.25	0.70
20th	0.60	1.40	0.60	0.50	0.50	0.70	0.70	0.70	0.80	0.70	0.90	0.25	0.25	0.25	0.90
30th	0.70	1.60	0.70	0.60	0.60	0.80	0.80	0.80	0.80	0.80	1.00	0.25	0.50	0.60	1.00
40th	0.80	1.80	0.70	0.60	0.60	0.80	0.90	0.90	0.80	0.90	1.20	0.25	0.60	0.60	1.20
50th	0.90	1.90	0.80	0.70	0.60	0.90	1.00	0.90	0.90	1.00	1.30	0.50	0.70	0.80	1.20
60th	1.00	2.00	0.80	0.80	0.70	0.90	1.20	1.00	1.00	1.00	1.40	0.60	0.80	1.00	1.40
70th	1.30	2.20	0.90	0.90	0.70	1.00	1.40	1.10	1.20	1.00	1.70	0.60	0.90	1.20	1.50
80th	1.70	2.40	0.90	0.90	0.80	1.20	2.00	1.30	1.40	1.00	1.90	0.60	1.10	1.60	1.80
85th	1.90	2.60	1.00	1.00	0.90	1.20	2.40	1.40	1.50	1.00	2.10	0.70	1.40	1.60	1.90
90th	2.10	2.90	1.10	1.10	0.90	1.30	2.80	1.90	1.50	1.00	2.10	0.80	1.80	2.00	2.00
95th	2.50	3.30	1.20	1.20	1.00	1.50	4.00	2.00	1.60	1.30	2.20	1.10	2.30	2.00	2.00
98th	3.20	3.40	1.30	1.50	1.00	2.00	4.50	2.00	1.60	1.30	2.20	1.10	4.70	3.90	2.30
99th	3.40	3.70	1.30	1.60	1.10	2.60	5.10	2.10	1.90	1.30	2.60	2.30	4.70	3.90	2.30
Maximum	5.10	4.30	1.50	1.80	2.40	2.60	5.10	2.10	1.90	1.30	2.60	2.30	4.70	3.90	2.30

Tantalum (Ta)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.5
 analytical method : INAA

Tantalum by INAA

Summary Statistics



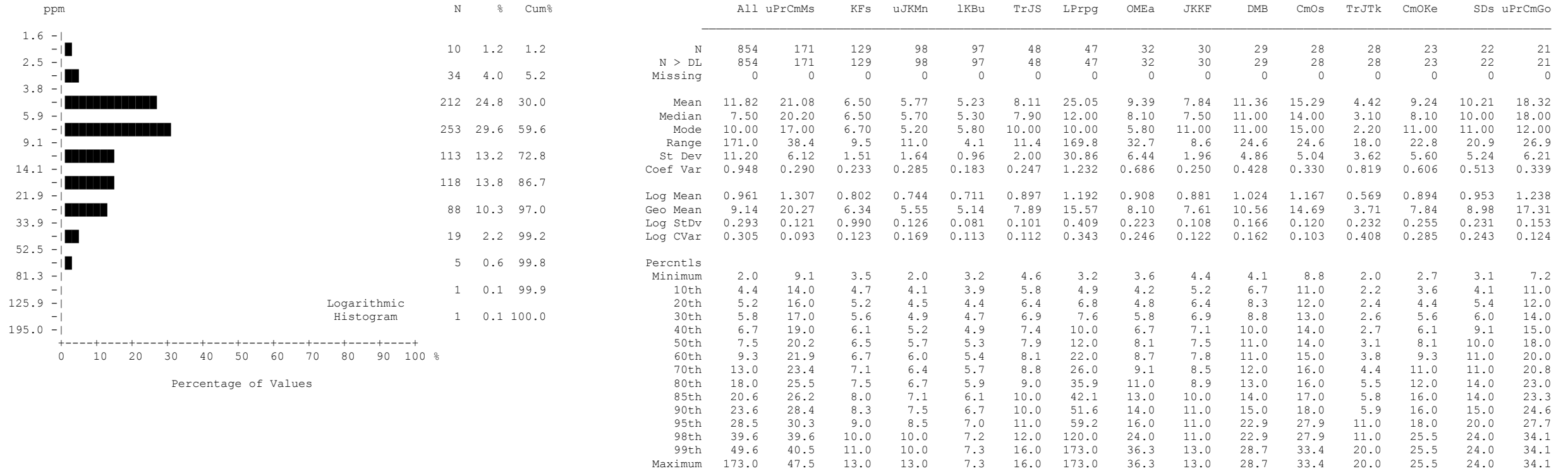
	All	uPrCmMs	KFs	uJKMn	lKBu	TrJS	LPrpg	OMEa	JKKF	DMB	CmOs	TrJTk	CmOke	SDs	uPrCmGo
N	854	171	129	98	97	48	47	32	30	29	28	28	23	22	21
N > DL	484	169	60	29	15	40	25	12	20	24	26	3	8	7	20
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.72	1.33	0.48	0.41	0.36	0.67	1.10	0.47	0.60	0.78	0.87	0.32	0.48	0.51	1.19
Median	0.60	1.30	0.50	0.25	0.25	0.70	0.60	0.25	0.60	0.70	0.80	0.25	0.25	0.25	1.20
Mode	0.25	1.40	0.25	0.25	0.25	0.60	0.25	0.25	0.60	0.60	0.80	0.25	0.25	0.25	1.00
Range	5.65	1.90	0.65	0.65	0.55	1.35	5.65	0.75	0.75	1.85	1.65	0.95	1.15	1.65	1.85
St Dev	0.53	0.35	0.20	0.19	0.15	0.22	1.11	0.28	0.20	0.38	0.37	0.22	0.38	0.44	0.37
Coef Var	0.736	0.267	0.417	0.457	0.424	0.332	1.015	0.597	0.332	0.481	0.422	0.690	0.781	0.855	0.308
Log Mean	-0.244	0.107	-0.363	-0.430	-0.482	-0.199	-0.154	-0.397	-0.253	-0.153	-0.990	-0.544	-0.413	-0.402	0.049
Geo Mean	0.57	1.28	0.43	0.37	0.33	0.63	0.70	0.40	0.56	0.70	0.80	0.29	0.39	0.40	1.12
Log StDv	0.301	0.121	0.199	0.193	0.167	0.163	0.418	0.247	0.176	0.207	0.192	0.175	0.279	0.291	0.179
Log CVar	-1.234	1.138	-0.549	-0.451	-0.346	-0.821	-2.731	-0.623	-0.699	-1.364	-1.937	-0.321	-0.676	-0.723	3.660
Percentls															
Minimum	0.25	0.50	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
10th	0.25	0.90	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.60	0.25	0.25	0.25	0.80
20th	0.25	1.00	0.25	0.25	0.25	0.60	0.25	0.25	0.50	0.60	0.60	0.25	0.25	0.25	0.90
30th	0.25	1.20	0.25	0.25	0.25	0.60	0.25	0.25	0.50	0.60	0.70	0.25	0.25	0.25	1.00
40th	0.50	1.20	0.50	0.25	0.25	0.60	0.50	0.25	0.60	0.70	0.80	0.25	0.25	0.25	1.00
50th	0.60	1.30	0.50	0.25	0.25	0.70	0.60	0.25	0.60	0.70	0.80	0.25	0.25	0.25	1.20
60th	0.70	1.40	0.60	0.50	0.25	0.70	1.20	0.50	0.70	0.80	0.80	0.25	0.25	0.25	1.30
70th	0.90	1.50	0.60	0.50	0.50	0.80	1.50	0.60	0.70	0.80	0.90	0.25	0.60	0.50	1.40
80th	1.20	1.60	0.60	0.60	0.50	0.80	1.70	0.80	0.70	0.90	1.00	0.25	0.60	0.80	1.40
85th	1.30	1.60	0.70	0.60	0.50	0.80	2.00	0.90	0.80	1.10	1.10	0.25	1.10	0.90	1.50
90th	1.40	1.70	0.70	0.70	0.60	0.90	2.20	0.90	0.80	1.10	1.30	0.25	1.20	1.10	1.50
95th	1.60	2.00	0.80	0.70	0.60	0.90	2.70	0.90	0.90	1.50	1.80	0.90	1.20	1.20	1.60
98th	2.00	2.30	0.80	0.80	0.60	0.90	3.90	1.00	0.90	1.50	1.80	0.90	1.40	1.90	2.10
99th	2.30	2.30	0.90	0.80	0.70	1.60	5.90	1.00	1.00	2.10	1.90	1.20	1.40	1.90	2.10
Maximum	5.90	2.40	0.90	0.90	0.80	1.60	5.90	1.00	1.00	2.10	1.90	1.20	1.40	1.90	2.10

Terbium (Tb)
Stream Sediment

number of values : 854
units : ppm
detection limit : 0.5
analytical method : INAA

Terbium by INAA

Summary Statistics

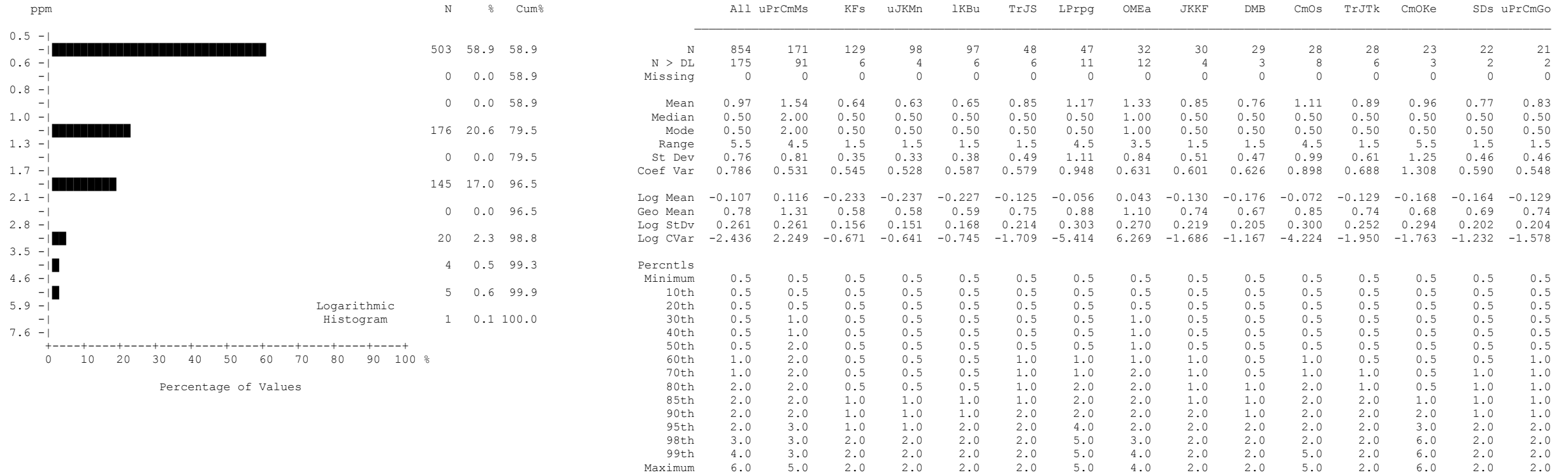


Thorium (Th)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.2
 analytical method : INAA

Thorium by INAA

Summary Statistics

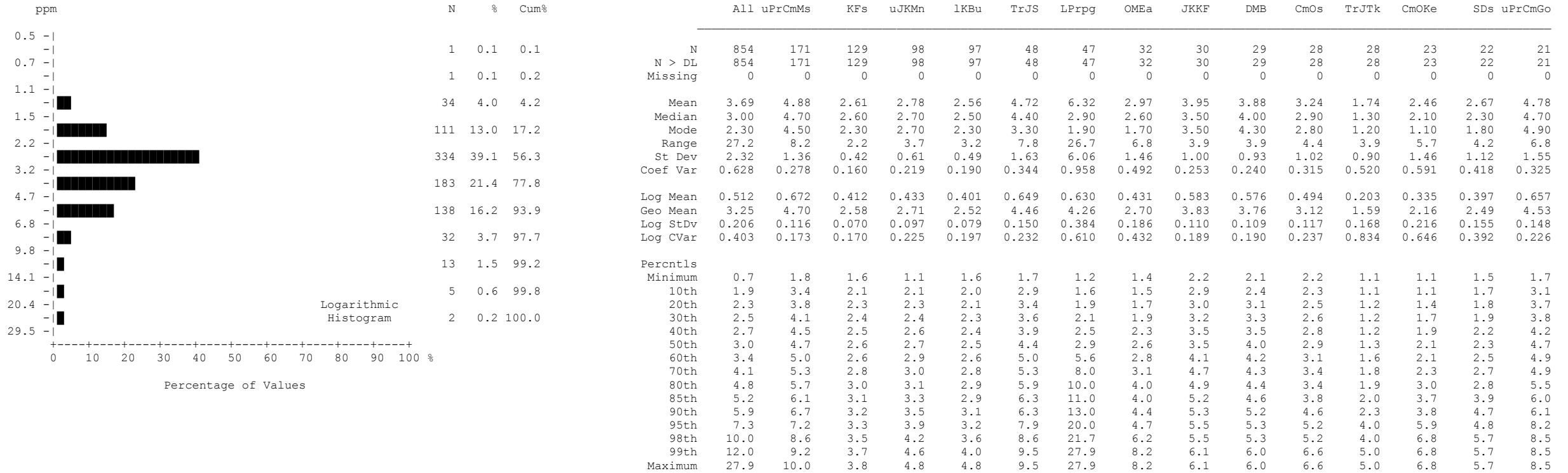


Tungsten (W)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 1
 analytical method : INAA

Tungsten by INAA

Summary Statistics

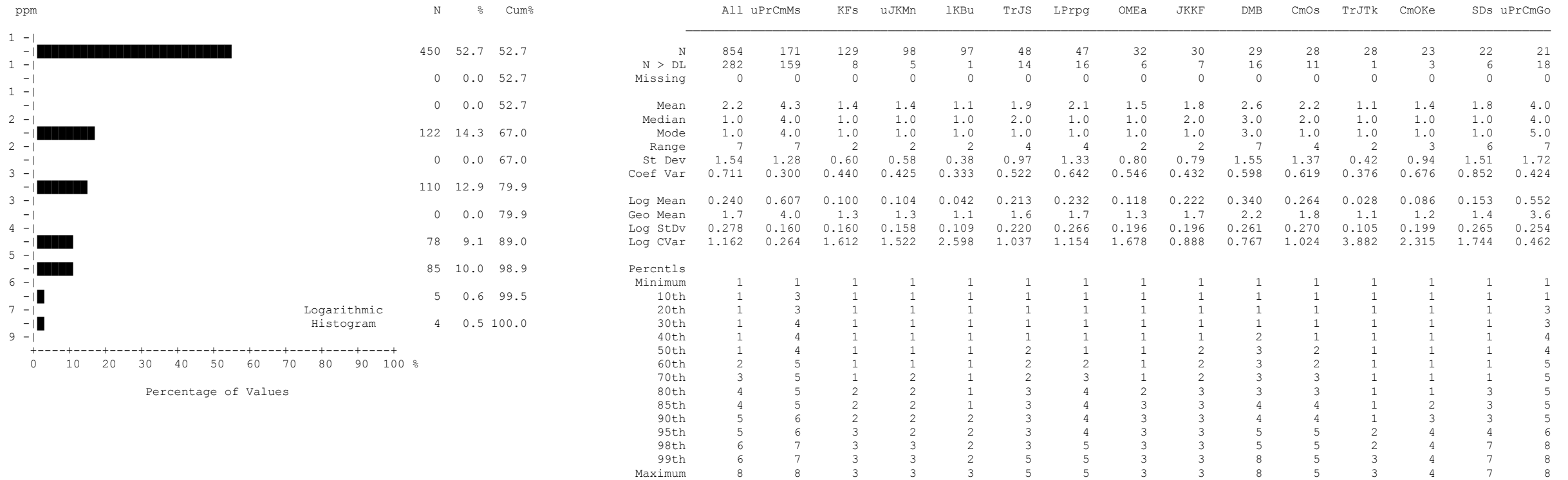


Uranium (U)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 0.2
 analytical method : INAA

Uranium by INAA

Summary Statistics

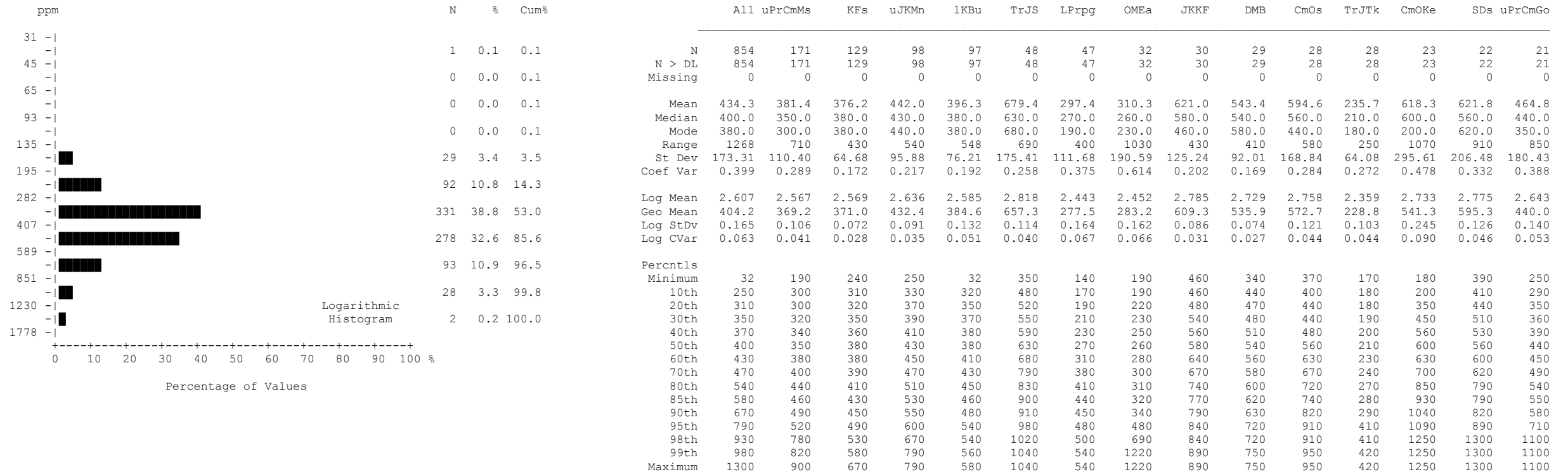


Ytterbium (Yb)
Stream Sediment

number of values : 854
 units : ppm
 detection limit : 2
 analytical method : INAA

Ytterbium by INAA

Summary Statistics

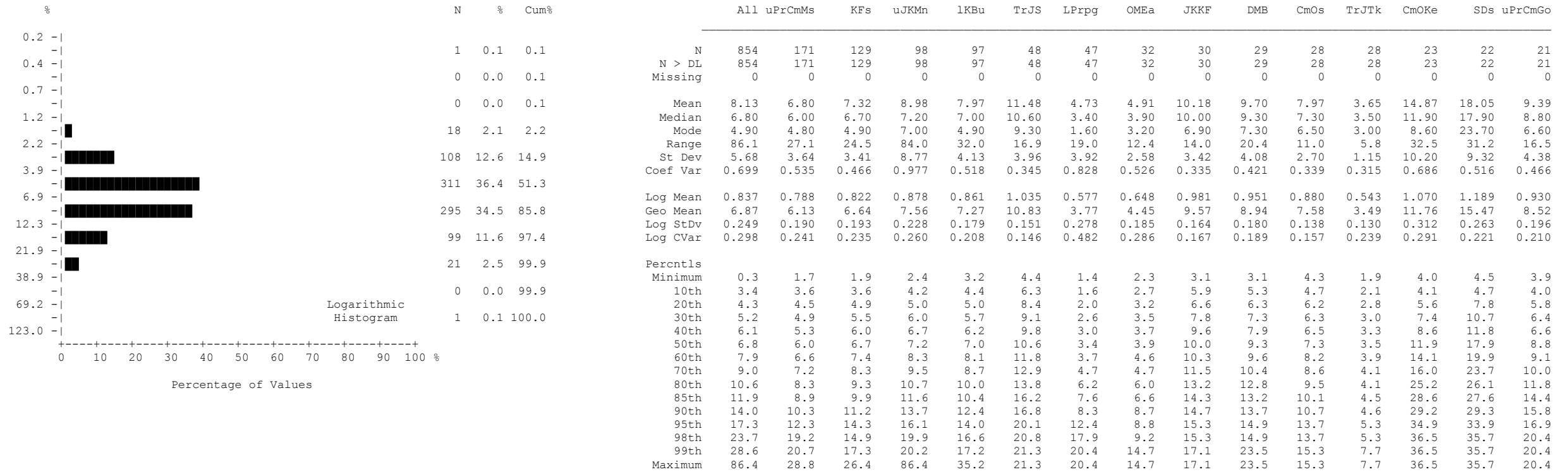


Fluorine (F)
Stream Sediment

number of values : 854
units : ppm
detection limit : 10
analytical method : ION

Fluorine by ION

Summary Statistics

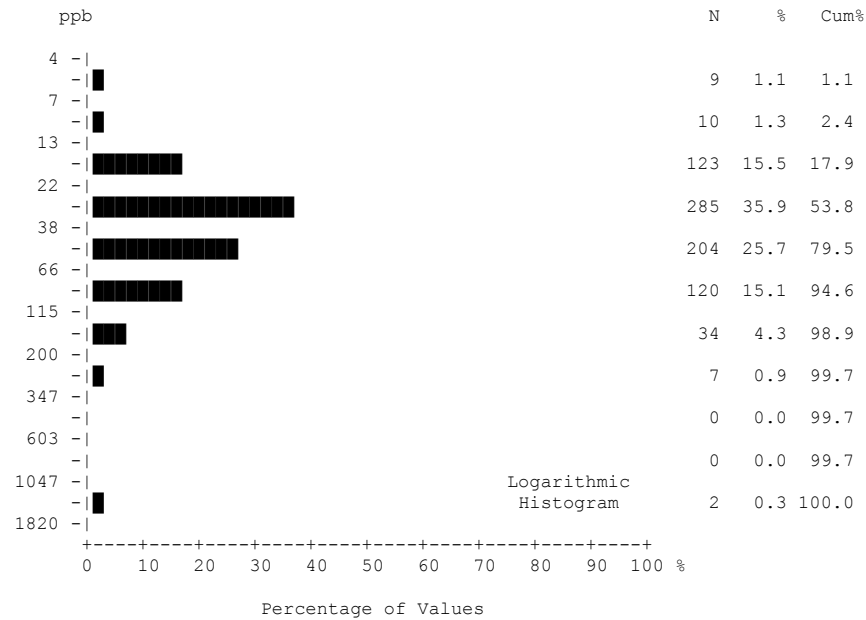


Loss on Ignition (LOI) Stream Sediment

number of values : 854
 units : %
 detection limit : 0.1
 analytical method : GRAV

Loss on Ignition by GRAV

Summary Statistics



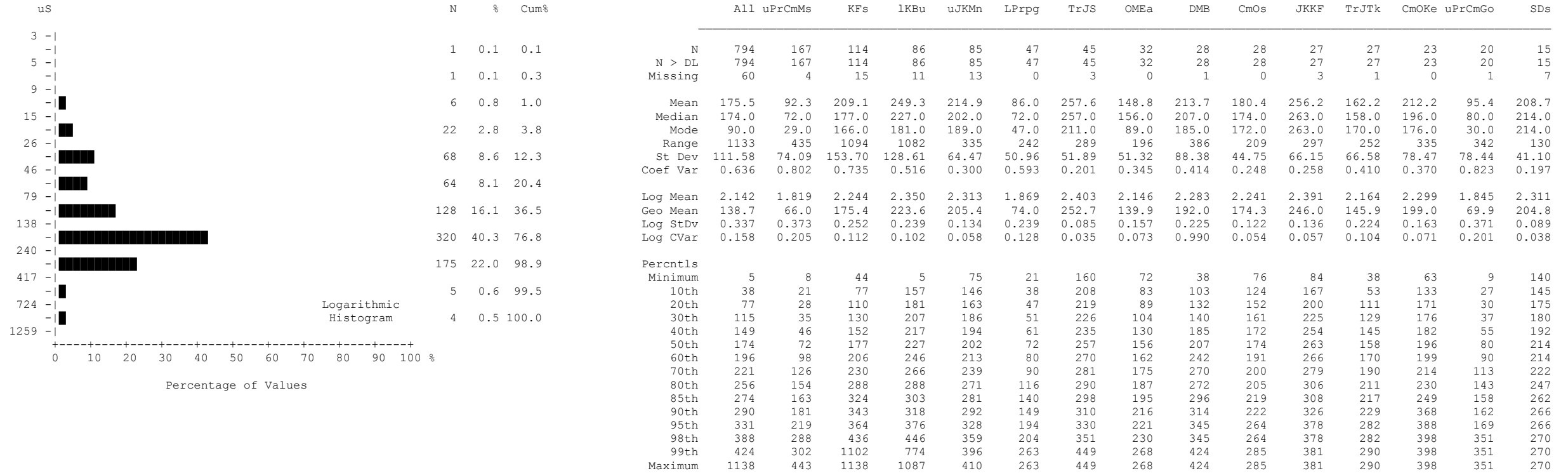
	All	uPrCmMs	KFs	lKBu	uJKMn	LPrpg	TrJS	OMeA	DMB	CmOs	JKKF	TrJTk	CmOke	uPrCmGo	SDs
N	794	167	114	86	85	47	45	32	28	28	27	27	23	20	15
N > DL	784	165	114	86	85	47	45	32	28	22	27	27	23	19	14
Missing	60	4	15	11	13	0	3	0	1	0	3	1	0	1	7
Mean	50.3	26.6	103.6	62.2	42.0	31.9	58.6	32.4	68.4	16.9	61.6	40.7	24.0	21.0	21.3
Median	37.0	24.0	79.0	53.0	38.0	31.0	49.0	31.0	40.0	15.0	59.0	35.0	17.0	17.0	21.0
Mode	26.0	20.0	110.0	72.0	38.0	23.0	31.0	25.0	28.0	5.0	29.0	34.0	11.0	13.0	13.0
Range	1295	165	1263	225	121	34	132	34	273	43	119	115	52	57	40
St Dev	70.40	16.49	156.34	35.35	17.44	9.15	29.88	9.09	66.92	10.13	27.93	21.42	14.84	12.78	9.82
Coef Var	1.400	0.620	1.509	0.568	0.415	0.287	0.510	0.280	0.979	0.601	0.454	0.526	0.619	0.608	0.460
Log Mean	1.583	1.379	1.919	1.743	1.596	1.487	1.718	1.493	1.700	1.148	1.744	1.579	1.315	1.263	1.293
Geo Mean	38.2	23.9	82.9	55.3	39.5	30.7	52.3	31.1	50.1	14.1	55.4	37.9	20.7	18.3	19.7
Log StDv	0.294	0.187	0.210	0.202	0.146	0.123	0.208	0.134	0.321	0.279	0.209	0.144	0.231	0.228	0.177
Log CVar	0.186	0.136	0.110	0.116	0.092	0.083	0.121	0.089	0.189	0.243	0.120	0.092	0.176	0.181	0.137
Percentls															
Minimum	5	5	37	25	19	18	18	14	17	5	21	25	11	5	10
10th	17	15	52	31	26	22	31	19	25	5	29	29	11	11	12
20th	22	17	59	37	30	23	33	24	28	5	30	30	13	13	13
30th	26	20	66	40	33	26	37	25	29	12	39	32	14	15	17
40th	31	22	72	47	37	27	43	29	31	14	54	34	15	16	18
50th	37	24	79	53	38	31	49	31	40	15	59	35	17	17	21
60th	43	25	87	59	42	33	54	36	44	17	67	35	19	18	21
70th	51	27	94	70	45	35	70	38	78	20	72	41	21	21	22
80th	67	32	110	78	50	40	81	40	92	20	85	46	33	24	23
85th	77	34	120	88	53	42	82	42	95	26	88	46	44	26	29
90th	91	38	130	100	58	46	99	45	140	26	90	51	47	28	30
95th	120	47	140	130	63	49	120	46	240	39	100	56	51	46	30
98th	150	63	170	140	77	51	130	46	240	39	100	56	63	62	50
99th	210	65	1200	170	110	52	150	48	290	48	140	140	63	62	50
Maximum	1300	170	1300	250	140	52	150	48	290	48	140	140	63	62	50

Fluoride (FW)
Stream Water

number of values : 794
units : ppb
detection limit : 10
analytical method : ION

Fluoride by ION

Summary Statistics

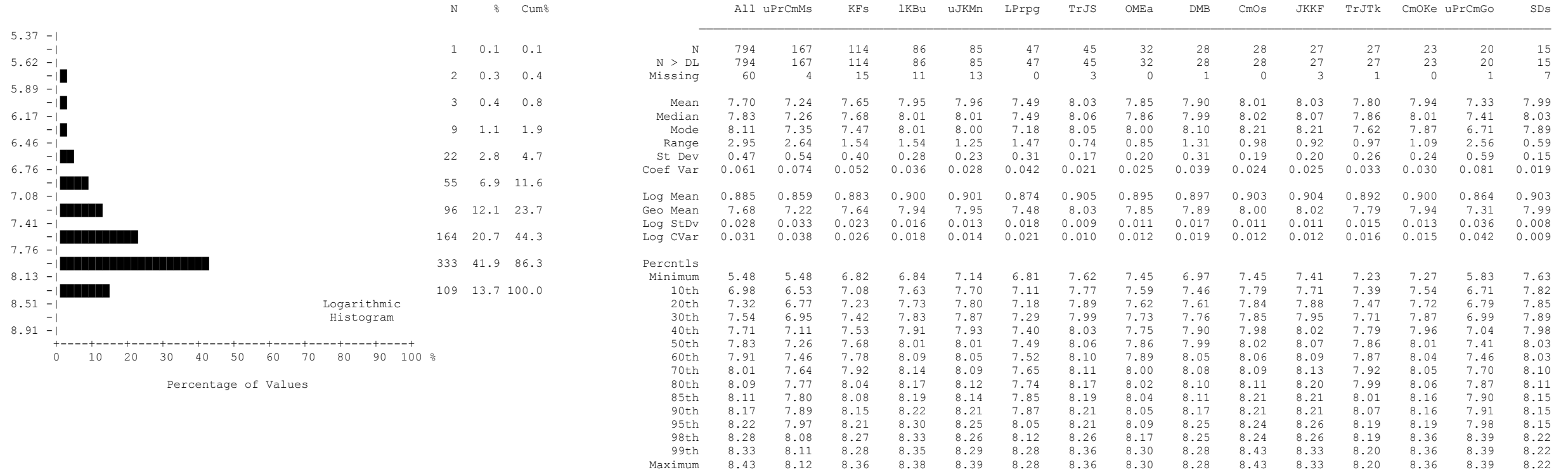


Conductivity (CND) Stream Water

number of values : 794
 units : uS
 detection limit : 1
 analytical method : ISE

Conductivity by ISE

Summary Statistics



pH
Stream Water

number of values : 794
units : pH
detection limit : 0.1
analytical method : ISE

pH by ISE