

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, Yukon, 2001. GSC OF 2859/EGSD 2001-11(D). NTS 115A, 115B

Summary Statistics

Variable:	Ag	As	Au	Ba	Br	Cd	Ce	Co	Co	Cr	Cs	Cu	Eu	F
Units:	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit:	0.2	0.5	2	50	0.5	0.2	5	2	5	20	0.5	2	1	40
Analytical Method:	AAS	INAA	INAA	INAA	INAA	AAS	INAA	AAS	INAA	INAA	INAA	AAS	INAA	ISE
Number of Sites	623	623	623	623	623	623	623	623	623	623	623	623	623	623
Number of Values >= D.L.	222	599	249	623	568	348	622	616	605	592	619	623	547	622
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.2	5.8	5	1109	7.5	0.4	63	10	17	98	2.3	25	1	321
Standard Deviation	0.1	7.7	17.3	410.6	12.7	1.1	29.4	14.3	20.7	64.1	1.3	19.8	0.6	119.9
Skewness	2.7	4.2	14.5	1.0	7.8	18.1	1.9	20.4	19.3	1.8	2.5	2.1	1.0	0.8
Excess Kurtosis	8.9	24.2	263.1	1.3	92.3	377.4	6.7	473.4	438.6	7.5	11.2	6.3	1.2	1.3
Coef of Var (%)	32.2	133	361	37	169	202	46	146	121	66	54	80	47	37
Std Error of the Mean	0.0053	0.308	0.69	16.4	0.51	0.044	1.18	0.57	0.83	2.57	0.050	0.79	0.0246	4.8
Lower 95% Limit on Mean	0.40	5.2	3.4	1077	6.5	0.46	61	8.7	15.5	93	2.22	23.3	1.27	312
Upper 95% Limit on Mean	0.42	6.4	6.1	1141	8.5	0.63	66	10.9	18.8	103	2.42	26.4	1.36	331
Geometric Statistics														
Log10 Mean	-0.41	0.54	0.309	3.02	0.56	-0.35	1.76	0.91	1.16	1.89	0.314	1.28	0.072	2.47
Geometric Mean	0.39	3.5	2.04	1039	3.7	0.45	57	8.0	14.4	77	2.06	19.2	1.18	298
Log10 Standard Deviation	0.173	0.45	0.44	0.158	0.56	0.198	0.199	0.255	0.248	0.329	0.212	0.312	0.203	0.179
Log10 Std Error of Mean	0.0069	0.0179	0.0177	0.0063	0.0224	0.0079	0.0080	0.0102	0.0099	0.0132	0.0085	0.0125	0.0081	0.0072
Lower 95% Limit on Mean	0.37	3.20	1.88	1010	3.3	0.43	55	7.7	13.8	73	1.99	18.1	1.14	289
Upper 95% Limit on Mean	0.40	3.8	2.21	1069	4.1	0.46	60	8.4	15.1	82	2.14	20.3	1.23	308
Percentiles														
Minimum Value	<0.2	<0.5	<2	200	<0.5	<0.2	<5	<2	<5	<20	<0.5	3	<1	<40
5th Percentile	<0.2	0.6	<2	601	<0.5	<0.2	31	3	5	20	1.0	6	<1	161
10th Percentile	<0.2	1.0	<2	690	0.6	<0.2	35	4	7	27	1.2	7	<1	195
15th Percentile	<0.2	1.4	<2	730	0.9	<0.2	39	5	8	35	1.3	9	1	216
25th Percentile	<0.2	1.9	<2	805	1.9	<0.2	44	6	11	53	1.5	11	1	241
35th Percentile	<0.2	2.6	<2	880	2.9	<0.2	48	7	13	74	1.7	15	1	266
50th Percentile	<0.2	3.6	<2	1000	4.3	0.2	58	9	16	91	2.0	20	1	303
65th Percentile	0.2	5.1	3	1200	6.4	0.3	66	10	18	110	2.4	25	1	344
70th Percentile	0.2	5.6	3	1300	7.3	0.3	71	11	19	110	2.6	27	2	367
75th Percentile	0.2	6.2	4	1400	8.4	0.4	74	12	20	120	2.8	31	2	381
80th Percentile	0.2	7.2	5	1400	10.0	0.4	79	13	21	130	3.0	34	2	412
90th Percentile	0.3	12.0	8	1700	17.0	0.6	98	15	26	170	3.8	50	2	477
95th Percentile	0.3	19.1	14	1800	24.1	0.8	120	19	34	210	4.5	64	2	547
98th Percentile	0.5	28.6	25	2100	36.0	1.2	140	21	40	280	5.5	89	3	608
99th Percentile	0.6	41.0	36	2400	47.2	1.9	170	26	49	317	7.0	103	3	671
Maximum Value	0.7	74.0	349	2800	195.0	25.0	270	342	490	600	12.0	143	4	841

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, Yukon, 2001. GSC OF 2859/EGSD 2001-11(D). NTS 115A, 115B

Summary Statistics

Variable:	Fe	Fe	Hf	Hg	La	LOI	Lu	Mn	Mo	Na	Ni	Pb	Rb	Sb	Sc
Units:	pct	pct	ppm	ppb	ppm	pct	ppm	ppm	ppm	pct	ppm	ppm	ppm	ppm	ppm
Detection Limit:	0.02	0.2	1	5	2	1.0	0.2	5	2	0.02	2	2	5	0.1	0.2
Analytical Method:	AAS	INAA	INAA	CV-AAS	INAA	GRAV	INAA	AAS	AAS	INAA	AAS	AAS	INAA	INAA	INAA
Number of Sites	623	623	623	623	623	623	623	623	623	623	623	623	623	623	623
Number of Values >= D.L.	623	623	620	582	622	596	303	623	374	623	586	590	622	594	623
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	2.69	4.6	8	25	37	8.2	0.2	645	2	2.37	21	7	63	0.5	17.6
Standard Deviation	1.2	1.5	5.9	22.5	17.7	8.8	0.1	2389.7	4.5	0.5	35.5	4.7	24.8	0.7	5.5
Skewness	4.0	1.8	2.3	2.4	2.1	3.1	1.2	14.3	15.0	-0.8	14.2	3.8	1.4	4.9	0.4
Excess Kurtosis	35.5	12.2	7.5	8.1	7.8	14.6	1.4	211.8	285.8	1.1	267.8	25.8	4.4	30.2	1.2
Coef of Var (%)	46	32.8	74	92	48	108	64	370	181	23.1	169	68	40	130	31.2
Std Error of the Mean	0.049	0.061	0.236	0.90	0.71	0.35	0.0053	96	0.180	0.0220	1.42	0.189	0.99	0.0280	0.220
Lower 95% Limit on Mean	2.59	4.5	7.4	22.8	35	7.5	0.197	457	2.13	2.33	18.3	6.6	61	0.48	17.2
Upper 95% Limit on Mean	2.78	4.8	8.4	26.3	38	8.9	0.218	833	2.83	2.42	23.9	7.3	65	0.59	18.0
Geometric Statistics															
Log10 Mean	0.39	0.64	0.80	1.23	1.52	0.72	-0.76	2.60	0.264	0.36	1.12	0.77	1.76	-0.44	1.22
Geometric Mean	2.48	4.4	6.3	17.1	33	5.3	0.172	402	1.84	2.29	13.2	5.8	58	0.36	16.7
Log10 Standard Deviation	0.173	0.145	0.289	0.38	0.196	0.42	0.260	0.291	0.276	0.134	0.45	0.270	0.180	0.37	0.151
Log10 Std Error of Mean	0.0069	0.0058	0.0116	0.0154	0.0079	0.0169	0.0104	0.0117	0.0111	0.0054	0.0178	0.0108	0.0072	0.0150	0.0061
Lower 95% Limit on Mean	2.40	4.3	6.0	16.0	32.0	4.9	0.164	382	1.75	2.23	12.2	5.5	56	0.34	16.2
Upper 95% Limit on Mean	2.56	4.5	6.7	18.4	34	5.7	0.180	424	1.93	2.34	14.3	6.1	60	0.39	17.1
Percentiles															
Minimum Value	0.43	0.7	<1	<5	<2	<1.0	<0.2	51	<2	0.16	<2	<2	<5	0.1	2.4
5th Percentile	1.33	2.5	2	<5	18	1.2	<0.2	183	<2	1.31	<2	<2	32	0.1	8.8
10th Percentile	1.53	2.9	3	5	20	1.6	<0.2	211	<2	1.60	3	3	38	0.1	11.0
15th Percentile	1.66	3.3	3	7	22	1.9	<0.2	230	<2	1.80	5	4	41	0.2	12.0
25th Percentile	1.97	3.8	4	10	25	2.9	<0.2	268	<2	2.08	8	4	46	0.2	14.0
35th Percentile	2.22	4.1	5	13	28	3.7	<0.2	307	<2	2.25	11	5	51	0.3	16.0
50th Percentile	2.50	4.5	6	19	33	5.3	<0.2	367	2	2.45	16	6	58	0.4	17.0
65th Percentile	2.86	5.0	8	25	38	8.0	0.3	444	2	2.65	21	7	68	0.5	20.0
70th Percentile	2.98	5.2	9	29	40	8.9	0.3	483	2	2.69	23	8	71	0.5	20.0
75th Percentile	3.13	5.4	10	32	43	10.2	0.3	529	3	2.74	26	8	74	0.6	20.7
80th Percentile	3.34	5.6	11	35	47	12.3	0.3	600	3	2.82	29	9	79	0.7	21.7
90th Percentile	3.96	6.3	15	52	59	18.4	0.4	897	4	2.98	39	11	92	0.9	24.1
95th Percentile	4.47	7.0	19	62	71	24.6	0.4	1276	6	3.15	50	14	110	1.4	26.2
98th Percentile	5.03	7.6	26	93	83	34.3	0.6	2150	10	3.29	66	17	120	2.9	30.7
99th Percentile	5.87	8.1	29	126	98	41.3	0.6	2607	11	3.36	81	23	130	4.6	33.5
Maximum Value	17.08	18.0	46	159	170	70.6	0.9	40546	94	3.57	734	48	210	7.2	41.8

National Geochemical Reconnaissance Stream Sediment and Water Geochemical Data, Yukon, 2001. GSC OF 2859/EGSD 2001-11(D). NTS 115A, 115B

Summary Statistics

Variable:	Sm	Sn	Ta	Tb	Th	U	V	W	Yb	Zn	pH	F_w	U_w
Units:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		ppb	ppb
Detection Limit:	0.1	1	0.5	0.5	0.2	0.2	5	1	1	2		20	0.05
Analytical Method:	INAA	FUS	INAA	INAA	INAA	INAA	AAS	INAA	INAA	AAS	GCM	ISE	LIF
Number of Sites	623	623	623	623	623	623	623	623	623	623	618	618	618
Number of Values >= D.L.	623	521	570	570	623	623	623	172	603	623	618	573	415
Number of Missing Values	0	0	0	0	0	0	0	0	0	0	5	5	5
Mean	6.6	3	0.8	0.8	9.6	8.0	51	1	2	76	7.6	82	0.50
Standard Deviation	2.5	1.5	0.4	0.3	6.0	20.8	21.5	0.9	1.2	59.7	0.5	116.0	2.7
Skewness	1.9	0.4	1.6	1.4	2.4	10.9	0.5	7.6	1.7	7.7	0.0	5.1	16.7
Excess Kurtosis	7.2	0.0	6.4	6.9	9.9	147.9	0.0	73.1	6.9	83.8	-0.9	41.1	328.2
Coef of Var (%)	38	57	43	38	63	261	42	118	53	78	6.3	141	333
Std Error of the Mean	0.101	0.062	0.0146	0.0119	0.242	0.83	0.86	0.037	0.047	2.39	0.0190	4.7	110
Lower 95% Limit on Mean	6.4	2.55	0.82	0.76	9.1	6.4	49	0.71	2.14	72	7.5	73	0.60
Upper 95% Limit on Mean	6.8	2.80	0.87	0.80	10.0	9.6	53	0.85	2.33	81	7.6	91	1.03
Geometric Statistics													
Log10 Mean	0.79	0.328	-0.113	-0.141	0.91	0.67	1.66	-0.191	0.291	1.83	0.88	1.71	-0.45
Geometric Mean	6.1	2.13	0.77	0.72	8.2	4.7	46	0.64	1.95	67	7.5	51	0.36
Log10 Standard Deviation	0.159	0.33	0.197	0.179	0.246	0.34	0.201	0.212	0.232	0.206	0.0272	0.39	0.54
Log10 Std Error of Mean	0.0064	0.0133	0.0079	0.0072	0.0099	0.0136	0.0081	0.0085	0.0093	0.0083	0.0011	0.0158	0.0217
Lower 95% Limit on Mean	6.0	2.00	0.74	0.70	7.8	4.4	45	0.62	1.87	64	7.5	47	0.323
Upper 95% Limit on Mean	6.3	2.26	0.80	0.75	8.5	5.0	48	0.67	2.04	69	7.6	55	0.39
Percentiles													
Minimum Value	0.4	<1	<0.5	<0.5	0.3	0.9	9	<1	<1	18	6.3	<20	<0.05
5th Percentile	3.8	<1	<0.5	<0.5	3.7	2.0	19	<1	1	33	6.9	<20	<0.05
10th Percentile	4.2	<1	0.5	0.5	4.2	2.2	25	<1	1	38	7.0	20	<0.05
15th Percentile	4.5	<1	0.6	0.6	4.7	2.4	29	<1	1	43	7.1	24	<0.05
25th Percentile	4.9	2	0.7	0.6	5.5	2.8	34	<1	1	50	7.2	28	<0.05
35th Percentile	5.3	2	0.7	0.7	6.6	3.2	40	<1	2	56	7.3	32	0.05
50th Percentile	6.0	3	0.8	0.8	8.0	3.8	49	<1	2	65	7.5	46	0.08
65th Percentile	6.9	3	0.9	0.8	10.0	4.9	58	<1	2	77	7.8	64	0.16
70th Percentile	7.2	3	0.9	0.9	11.0	5.7	62	<1	3	82	7.9	76	0.20
75th Percentile	7.6	4	1.0	0.9	11.0	6.5	65	1	3	87	8.0	90	0.26
80th Percentile	8.1	4	1.1	1.0	13.0	7.5	69	1	3	96	8.1	103	0.32
90th Percentile	9.5	5	1.2	1.1	17.0	14.0	81	1	3	119	8.2	166	0.80
95th Percentile	10.8	5	1.4	1.2	20.2	20.0	90	2	4	149	8.3	292	1.60
98th Percentile	12.9	6	1.8	1.5	25.8	44.8	100	3	5	189	8.4	462	3.80
99th Percentile	14.2	7	2.1	1.8	29.8	63.0	103	4	6	233	8.4	540	6.50
Maximum Value	21.7	8	3.1	2.8	56.6	351.0	143	12	10	840	8.6	1480	58.00