DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

69-107
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G. B. CUTT AND OTHERS:
GEOCHEMICAL ABUNDANCE
OF METALS, COEUR D'ALENE
DISTRICT, IDAHO.
TABLE 1

Table 1.--Descriptive parameters for cumulative frequency distributions of the concentrations of nine elements (values are expressed in parts per million)

	No. of Samples	Mercury				Copper				Lead				Zinc			
		Valid Observ.	50th percentile	75th percentile	90th percentile	Valid Observ.	50th percentile	75th percentile	90th percentile	Valid Observ.	50th percentile	75th percentile	90th percentile	Valid Observ.	50th percentile	75th percentile	90th percentile
Outcrop, Monzonite	41	38	.04	.06	.08	16	-	11	30	37	15	22	52	40	54	78	120
" Wallace Fm.	248	170	.03	.07	.15	187	7	22	70	173	24	60	160	237	54	120	500
" St. Regis	157	105	.02	.05	.10	132	8	20	60	68	16	25	45	151	19	50	94
" Revett	78	64	.03	.05	.15	53	5	17	30	42	16	26	48	71	16	39	100
" Burke	67	51	.01	.03	.05	29	-	18	40	31	14	29	100	62	36	64	96
" Prichard	286	203	.03	.05	.11	253	18	29	64	262	30	56	130	281	58	80	120
" (Belt)	43	4	-	.015	.02	29	12	24	38	30	17	27	62	43	60	150	700
All Outcrop	932	646	.03	.06	.13	709	10	24	60	653	22	49	120	897	47	80	180
Float Monzonite	89	84	.03	.06	.08	51	11	25	58	77	13	18	35	88	38	58	70
" Wallace	372	252	.04	.07	.17	233	4.5	15	30	250	22	40	90	352	47	94	180
" St. Regis	306	212	.02	.06	.14	210	3.3	14	42	99	7.6	18	44	274	17	39	80
" Revett	219	165	.02	.05	.10	175	1.6	9.8	28	53	-	10	20	180	21	41	70
" Burke	261	191	.02	.04	.08	121	-	11	37	125	16	50	300	236	27	52	120
" Prichard	295	237	.03	.05	.11	246	13	24	50	241	24	45	90	292	52	76	130
All Float	1570	1152	.02	.06	.11	980	4.5	16	40	865	16	33	78	1449	33	60	120
Outcrop or float, Monzonite	130	122	.03	.06	.07	67	5.3	21	50	114	14	19	36	128	43	62	88
" " " Wallace	620	422	.03	.07	.15	420	.6	16	35	423	22	48	120	589	45	90	170
" " " St. Regis	463	317	.02	.06	.14	342	5.6	17	50	167	11	20	45	425	18	42	80
" " " Revett	297	229	.02	.05	.12	175	2.2	11	28	95	5	16	28	251	19	40	70
" " " Burke	328	242	.02	.04	.07	150	1	12	40	156	16	32	160	296	29	56	110
" " " Prichard	581	440	.03	.05	.10	469	16	26	67	503	27	52	120	573	54	78	130
" " " (Belt)	61	11	-	.01	.02	46	15	26	37	48	18	33	60	61	46	80	160
Outcrop or float[1]	2502	1790	.03	.06	.12	1609	7.2	17	45	1448	18	37	78	2345	36	76	140
Soil, Monzonite	134	131	.08	.13	.19	134	18	26	45	132	31	49	120	134	88	160	520
" Wallace	976	738	.04	.07	.12	972	22	27	36	724	38	64	120	976	110	150	230
" St. Regis	603	527	.04	.06	.12	602	23	31	48	311	25	41	68	601	65	100	150
" Revett	366	279	.04	.06	.10	166	22	30	50	309	26	50	90	365	66	92	150
" Burke	316	245	.044	.076	.11	315	18	26	40	230	30	54	120	315	70	94	130
" Prichard	539	414	.06	.10	.17	516	19	27	39	510	43	80	180	539	94	150	250
" (Belt)	125	39	.06	.06	.07	125	19	25	33	118	30	45	66	125	96	140	200
All Soils[1]	3076	2350	.045	.07	.13	3076	21	28	48	2320	34	56	100	3074	84	130	230

	Silver				Arsenic				Antimony				Tellurium				Cadmium			
	Valid Observ.	50th percentile	75th percentile	90th percentile	Valid Observ.	50th percentile	75th percentile	90th percentile	Valid Observ.	50th percentile	75th percentile	90th percentile	Valid Observ.	50th percentile	75th percentile	90th percentile	Valid Observ.	50th percentile	75th percentile	90th percentile
Outcrop, Monzonite	38	.22	.30	.47	8	-	-	-	15	-	-	-	6	-	-	-	36	.51	.76	1.1
" Wallace Fm.	237	.48	.84	3.0	187	-	17	28	211	1.1	3.6	10	123	-	.08	.13	242	.52	.82	1.3
" St. Regis	142	.33	.64	1.5	70	-	-	19	149	3.4	6.0	10	78	-	-	.13	146	.37	.56	.86
" Revett	69	.28	.64	1.4	30	-	-	18	73	1.7	3.0	6.2	32	-	-	.12	71	.30	.49	.76
" Burke	58	.34	.62	1.0	27	-	-	12	50	.74	5.4	11	32	-	-	.12	53	.30	.52	.84
" Prichard	274	.43	.62	.92	221	-	17	36	257	1.7	4.4	5.8	109	-	-	.12	268	.43	.68	1.2
" (Belt)	42	.46	.70	.94	41	-	15	34	35	.9	2.4	8.0	12	-	-	.17	42	.66	.80	.96
All Outcrop	872	.40	.66	1.4	591	-	16	28	801	1.6	5.4	17	401	-	-	.12	870	.48	.68	1.2
Float Monzonite	82	.30	.51	.66	21	-	-	-	42	-	.58	1.7	9	-	-	-	65	.30	.50	.66
" Wallace	338	.33	.58	.92	263	-	15	20	307	1.0	2.7	6.6	114	-	-	-	336	.54	.76	1.3
" St. Regis	252	.18	.36	.66	116	-	-	16	282	2.4	5.6	9.2	105	-	-	-	273	.36	.56	.68
" Revett	173	.24	.48	.70	129	-	-	18	176	1.6	4.5	10	58	-	.06	.09	194	.31	.49	.66
" Burke	235	.35	.64	1.2	113	-	-	17	204	.96	3.1	11	85	-	-	-	192	.25	.49	.68
" Prichard	268	.40	.62	.96	204	-	17	30	232	.82	2.8	8.2	66	-	-	-	258	.34	.56	.86
All Float	1374	.30	.56	.90	863	-	-	19	1267	1.3	3.4	8.0	445	-	-	-	1341	.36	.58	.86
Outcrop or float, Monzonite	120	.26	.46	.64	29	-	-	-	57	-	-	0.9	15	-	-	-	101	.34	.58	.80
" " " Wallace	575	.37	.62	1.2	450	10	15	21	518	1.2	2.8	7.0	237	-	-	0.1	279	.5	.8	1.3
" " " St. Regis	384	.31	.47	.81	186	-	-	17	431	2.6	5.6	9.2	193	-	-	.1	413	.37	.56	.74
" " " Revett	242	.25	.56	.92	159	-	-	16	249	1.6	3.5	7.0	90	-	.06	.09	265	.31	.48	.68
" " " Burke	323	.35	.62	1.3	140	-	-	17	254	0.9	3.0	9.0	117	-	-	0.1	244	.26	.5	.7
" " " Prichard	542	.43	.62	1.0	435	-	18	30	439	1.2	3.4	7.0	175	-	-	.1	526	.38	.62	1.0
" " " (Belt)	60	.41	.66	.92	56	-	14	20	51	.84	2.6	8.2	14	-	-	.13	52	.47	.68	.88
Outcrop or float[1]	2246	.32	.52	.96	1454	-	13	22	2968	1.8	3.9	9.0	846	-	-	-	2944	.34	.52	.96
Soil, Monzonite	132	.58	.80	1.1	41	-	-	12	119	.82	1.4	2.0	25	-	-	-	132	.63	.96	2.0
" Wallace	975	.60	.92	1.2	504	-	-	17	651	.8	2.4	5.2	335	-	.06	.09	974	.8	1.2	1.9
" St. Regis	603	.62	.78	.96	217	-	-	11	562	1.8	4.6	6.6	264	-	-	.098	503	.72	1.0	1.6
" Revett	365	.60	.80	1.0	174	-	-	13	342	1.7	2.7	5.6	96	-	-	.09	322	.68	1.0	1.9
" Burke	308	.64	.84	1.1	145	-	-	17	299	1.3	2	5	63	-	-	.07	303	.6	.78	1.1
" Prichard	534	.62	.84	1.1	373	-	17	24	429	1.7	3.6	6.2	112	-	-	-	534	.7	1.2	2.4
" (Belt)	125	.62	.78	.92	110	13	17	22	87	-	.34	1.9	39	-	-	-	125	.62	.82	1.1
All Soils[1]	3059	.62	.82	1.1	1577	-	-	18	2767	1.3	2.8	5.8	943	-	.06	.09	2892	.70	1.0	1.9

[1] Total also includes samples from Striped Peak Formation and Belt undifferentiated, if not shown separately, and samples unclassified with respect to formation