Table 9

Trace elements in limonite precipitates and rocks Keno Hill district, Yukon

106 D/1

Sample Number	Cu	Pb	Zn	Ni	Co	As	Sb	Mo	W	U	Sn	Ag	F	Ba	Remarks
1a	4	35	140	2.5	2.5	1	0.5	12.0	768	0.9	10	ND	150600	47	Skarn
1b	2	5	10	2.5	2.5	1	0.5	0.5	2	2.3	2	ND	225	42	Dolomite
2	12	2.5	120	85	15	1	0.5	0.5	2	1.1	ND	ND	1500	6461	Phyllite
3a	24	2.5	120	80	2.5	8	3.0	17.0	2	13.5	3	1.0	570	6757	Graphitic phyllite
3b	20	2.5	230	50	2.5	1	1.0	1.0	2	1.7	ND	0.3	790	1383	Limestone
4	72	5	60	15	2.5	6	0.5	0.5	2	1.1	7	0.2	255	1152	Graphitic phyllite
5	150	5	5	160	2.5	8	2.0	2.0	2	8.6	ND	1.3	505	5666	Rusty quartz vein
6	2	2.5	70	2.5	2.5	1	0.5	0.5	2	1.1	5	0.5	160	954	Phyllitic quartzite
7	8	2.5	5	20	2.5	2	0.5	0.5	2	0.3	7	ND	145	740	Phyllitic quartzite
8	2	5	50	25	2.5	10	4.0	2.0	2	4.1	5	ND	830	3067	Phyllite (black)
9	8	2.5	110	45	2.5	1	0.5	0.5	2	2.5	4	ND	425	892	Phyllite
10	2	2.5	120	60	2.5	70	2.0	2.0	2	5.5	4	ND	920	2404	Phyllite
11	2	2.5	130	15	2.5	6	0.5	0.5	2	1.7	3	ND	310	514	Greenstone (1% py)
12	2	5	40	15	5	14	0.5	2.0	2	0.9	5	ND	160	1386	Phyllite (5% py)
13	2	5	20	2.5	2.5	4	4.0	2.0	2	0.8	4	0.3	155	1300	Phyllite (2-5% py)
14	2	2.5	1600	15	2.5	4	0.5	0.5	2	0.4	ND	ND	1950	128	Limonite precipitate
15a	8	2.5	900	2.5	2.5	1	0.5	0.5	2	0.1	ND	ND	590	10	Limonite precipitate
15b	44	2.5	900	2.5	2.5	48	24.0	13.0	2	2.6	ND	ND	1080	88	Limonite precipitate
16a	110	2.5	140	45	15	5	1.0	0.5	2	0.7	ND	ND	545	285	Greenstone
16b	60	2.5	2900	290	20	1	2.0	0.5	2	0.7	ND	ND	410	363	Quartz vein in greenstone
17	8	2.5	40	2.5	2.5	60	0.5	18.0	2	0.2	ND	ND	1340	128	Limonite precipitate
18	2	2.5	100	60	55	4	0.5	1.0	2	3.0	10	ND	485	1362	Phyllite (dark grey)
19	120	2.5	180	65	55	1	2.0	1.0	2	0.3	ND	ND	305	559	Greenstone
20	110	2.5	70	85	45	1	0.5	1.0	2	0.3	ND	ND	220	179	Greenstone
21	320	2.5	180	2.5	55	1	2.0	1.0	2	0.2	ND	ND	340	926	Greenstone
22a	36	2.5	40	70	20	48	0.5	5.0	2	5.8	9	ND	ND	2128	Phyllite
22b	72	2.5	60	55	10	1	2.0	1.0	2	3.8	8	ND	1110	9674	Greenstone
23	96	2.5	80	130	40	1	0.5	1.0	2	0.3	4	ND	310	2867	Greenstone
24	44	2.5	70	120	35	1	0.5	1.0	2	0.3	ND	ND	205	364	Greenstone
25	8	15	20	20	5	2	0.5	1.0	2	1.7	1	ND	560	571	Phyllite
26	16	10	20	20	10	2	0.5	1.0	2	2.4	6	ND	535	411	Phyllite
27	2	10	10	10	2.5	1	0.5	1.0	2	1.8	3	ND	545	504	Phyllite
28	2	2.5	10	2.5	2.5	1	3.0	6.0	2	2.2	6	1.2	495	4091	Phyllite (graphitic)
29	2	5	70	2.5	2.5	12	0.5	0.5	2	3.9	9	ND	700	2893	Phyllite
30	2	10	60	2.5	2.5	4	20.0	0.5	2	4.0	7	ND	410	2798	Phyllite
31	2	5	10	5	2.5	6	0.5	4.0	2	4.6	6	ND	830	2529	Phyllite (graphitic)
32	2	15	10	2.5	2.5	2	1.0	0.5	2	0.9	2	0.4	50	119	Quartzite

106 D/2

Sample Number	Cu	Pb	Zn	Ni	Co	As	Sb	Mo	W	U	Sn	Ag	F	Ba	Remarks
33	140	2.5	30	2.5	2.5	1	0.5	0.5	2	0.2	2	ND	100	78	Dolomite
34	220	5	50	5	2.5	1	0.5	0.5	2	0.2	4	ND	50	52	Dolomite
35	2	2.5	5	2.5	2.5	28	1.0	0.5	0.5	0.8	1	0.4	70	117	Dolomite
36	180	45	130	30	5	20	0.5	0.5	2	2.9	5	ND	590	592	Phyllite
37	2	2.5	5	2.5	15	1	0.5	0.5	2	1.0	ND	ND	830	55	Limestone
38	2	15	20	5	2.5	2	0.5	1.0	2	0.5	Tr.	ND	325	65	Limestone
39	2	5	5	2.5	10	1	0.5	0.5	2	0.6	1	ND	120	74	Limestone
40	2	10	50	35	15	1	2.0	0.5	2	3.1	4	ND	930	798	Phyllite
41	2	2.5	110	30	2.5	6	0.5	0.5	2	2.2	6	0.6	410	1415	Phyllite
42	28	15	120	40	5	22	1.0	0.5	2	2.5	5	ND	350	667	Phyllite
43	24	10	100	45	20	1	0.5	0.5	2	2.4	3	ND	770	562	Phyllite
44	4	2.5	40	2.5	2.5	1	0.5	0.5	2	2.0	7	ND	750	1667	Phyllite
45	2	5	50	15	2.5	6	1.0	0.5	2	2.0	7	ND	75	498	Quartzite
46	2	2.5	1700	105	2.5	1	0.5	14.0	2	7.9	ND	ND	155	129	Limonite precipitate
47	32	5	110	70	10	12	0.5	5.0	2	3.5	4	ND	1430	833	Quartz-sericite Schist
48	32	20	100	35	5	1	0.5	0.5	2	1.4	5	ND	700	1005	Sheared greenstone (10% magnetite crystals)
49	160	2.5	180	120	10	22	0.5	0.5	2	0.3	1	ND	780	189	Greenstone
50	4	5	20	5	2.5	2	0.5	0.5	2	1.6	5	ND	315	996	Quartzite
51	36	15	130	35	20	1	1.0	2.0	2	4.3	Tr	ND	700	2280	Quartzite (rusty weathering)
52	16	15	140	60	10	4	0.5	2.0	2	3.1	10	ND	580	1234	Quartzite
53a	4	15	140	55	15	32	0.5	0.5	2	3.4	2	ND	770	1552	Phyllite (1% py)
53b	88	15	230	55	20	14	1.0	1.0	2	3.6	1	ND	820	530	Phyllite (1% py)
54	44	15	160	45	20	2	1.0	6.0	2	4.3	Tr	ND	730	2062	Phyllite quartzite (1% py)
55	2	10	70	15	2.5	4	0.5	0.5	2	3.8	7	ND	465	1155	Phyllite
56	40	20	40	2.5	2.5	1	1.0	0.5	2	1.9	3	0.3	505	4146	Phyllite (graphitic)
57	16	2.5	40	2.5	2.5	2	3.0	5.0	2	3.4	6	ND	740	3093	Phyllite
58	8	2.5	40	2.5	2.5	2	0.5	1.0	2	0.8	Tr	ND	1750	632	Limonite precipitate
59	24	15	130	50	15	16	0.5	3.0	2	4.9	6	ND	1270	2409	Phyllite
60	52	2.5	120	65	25	1	0.5	0.5	2	0.3	ND	0.3	610	614	Greenstone
61	44	2.5	140	10	5	1	0.5	0.5	2	1.0	1	ND	590	535	Greenstone
62	68	2.5	80	100	5	36	0.5	0.5	2	0.3	4	ND	350	523	Greenstone
63a	380	2.5	180	30	40	40	0.5	1.0	2	0.7	ND	ND	505	136	Greenstone
63b	2	2.5	360	95	25	8	2.0	2.0	2	4.4	2	ND	770	1721	Phyllite (10% py)
63c	12	2.5	90	35	5	1	0.5	3.0	2	6.2	3	ND	770	1232	Greenstone (10% py)
63d	2	2.5	380	105	40	48	0.5	0.5	2	0.4	ND	ND	462	493	Quartz vein (Rusty)
64	8	2.5	280	2.5	5	1	0.5	1.0	2	1.0	ND	ND	1000	1080	Limonite Precipitate
65	24	5	70	25	2.5	4	0.5	1.0	2	2.9	3	ND	620	1273	Quartzite
66	2	5	20	2.5	2.5	1	1.0	0.5	2	2.0	8	ND	750	3924	Phyllite (graphitic)
67	8	2.5	90	5	2.5	1	0.5	0.5	2	1.7	6	ND	465	4300	Phyllite
68	20	5	40	2.5	2.5	1	0.5	3.0	2	3.9	9	ND	885	3319	Phyllite (1-5% py)
69	2	2.5	20	2.5	2.5	1	0.5	0.5	2	0.9	5	ND	455	2887	Phyllite
70	2	2.5	70	5	2.5	1	0.5	1.0	2	3.2	5	ND	670	2602	Phyllite
71a	44	2.5	140	30	2.5	1	0.5	2.0	2	6.7	6	ND	800	3055	Quartzite
71b	4	40	50	5	2.5	1	0.5	3.0	2	2.8	6	ND	730	3014	Quartzite
71c	40	2.5	90	105	60	1	0.5	0.5	2	0.2	ND	ND	295	171	Greenstone
71d	2	10	140	20	2.5	2	0.5	3.0	2	4.7	2	ND	725	3680	Limonite precipitate
72a	56	2.5	110	95	30	4	0.5	0.5	2	0.6	ND	ND	595	184	Greenstone
72b	2	10	50	15	2.5	14	0.5	3.0	2	1.7	7	ND	330	746	Quartzite
73	2	2.5	100	10	2.5	1	0.5	0.5	2	1.0	1	ND	960	400	Limonite precipitate
74	2	2.5	10	2.5	2.5	1	0.5	0.5	2	0.6	5	ND	55	139	Quartzite

106 D/3

Sample Number	Cu	Pb	Zn	Ni	Co	As	Sb	Mo	W	U	Sn	Ag	F	Ba	Remarks
75a	2	2.5	1800	195	180	36	0.5	3.0	2	2.9	ND	ND	430	1019	Limonite precipitate
75b	64	45	320	35	2.5	2	1.0	2.0	2	2.5	6	0.5	435	1055	Limonite precipitate
76a	76	15	210	45	5	14	0.5	7.0	2	2.6	ND	ND	6650	1704	Limonite precipitate
76b	4	2.5	160	50	2.5	1	2.0	0.5	2	1.4	6	ND	390	3655	Phyllite
77	44	10	90	35	2.5	2	0.5	0.5	2	1.5	5	ND	2200	757	Quartz vein
78	170	45	190	160	25	14	0.5	0.5	2	4.2	1	0.4	300	1700	White precipitate (alunite)
79	80	50	600	45	2.5	10	1.0	2.0	2	1.9	<1	0.3	350	1175	Limonite precipitate
80	4	10	30	20	2.5	34	1.0	0.5	2	1.7	4	ND	395	515	Phyllite quartzite
81	4	5	10	5	2.5	1	0.5	0.5	2	1.6	Tr	ND	335	168	Limestone
82	28	65	1300	50	2.5	2	1.0	1.0	2	3.1	2	0.4	715	1658	Limonite precipitate
83a	76	2.5	110	95	15	1	0.5	3.0	2	0.2	Tr	ND	200	277	Greenstone
83b	2	5	120	65	5	2	1.0	1.0	2	3.5	9	ND	690	590	Phyllite
83c	120	5	240	2.5	2.5	2	0.5	2.0	2	2.5	ND	ND	610	1678	Limonite precipitate
84	4	2.5	20	2.5	2.5	1	0.5	0.5	2	0.2	3	ND	140	107	Quartz vein
85	32	5	220	70	2.5	4	3.0	3.0	2	3.3	5	ND	400	1357	Limonite precipitate
86	2	5	10	2.5	2.5	2	0.5	1.0	2	0.6	5	ND	20	72	Quartzite
87	4	2.5	30	15	10	1	0.5	0.5	2	0.5	8	ND	410	247	Quartzite
88a	4	2.5	550	50	10	30	1.0	18.0	2	1.0	ND	ND	430	2274	Limonite precipitate
88b	116	2.5	600	25	2.5	2	1.0	0.5	2	2.1	ND	ND	730	3333	Limonite precipitate
89	20	35	130	55	10	2	3.0	6.0	2	4.2	5	ND	1135	787	Limestone
90	2	2.5	10	5	5	1	0.5	0.5	2	0.2	ND	ND	370	92	Limestone
91	2	60	150	50	15	26	0.5	0.5	2	3.6	8	ND	1050	1478	Phyllite
92	12	15	950	375	190	65	1.0	3.0	2	2.5	5	ND	400	1558	Limonite precipitate
93	12	2.5	110	45	10	2	1.0	2.0	2	2.4	5	ND	410	987	Phyllite
94	40	10	10	2.5	2.5	6	0.5	0.5	2	1.1	Tr	ND	210	118	Limestone
95	24	2.5	70	10	2.5	10	0.5	0.5	2	2.3	6	ND	930	626	Phyllite
96a	76	5	250	35	2.5	10	1.0	3.0	2	2.5	3	ND	595	1742	Limonite precipitate
96b	2600	65	320	30	20	1	2.0	3.0	2	1.3	3	1.2	570	3087	Greenstone with qtz. vein (1% cp; 2-3% py)
97	68	2.5	140	90	10	12	0.5	1.0	2	0.7	ND	ND	500	304	Greenstone
98	4	2.5	70	10	2.5	10	0.5	4.0	2	3.1	5	ND	450	1442	Phyllite
99	2	2.5	110	25	2.5	12	0.5	1.0	2	4.9	7	ND	890	2414	Phyllite
100a	2	2.5	60	2.5	2.5	2	2.0	1.0	2	2.8	9	ND	540	2416	Quartzite
100b	2	2.5	120	2.5	2.5	2	0.5	1.0	2	1.3	ND	ND	580	1071	Limonite precipitate
101	12	2.5	90	10	2.5	1	1.0	0.5	2	4.5	3	ND	1100	2562	Phyllite
102	2	2.5	70	2.5	2.5	2	2.0	2.0	2	1.7	5	ND	320	928	Limonite precipitate
103	12	5	10	2.5	2.5	1	0.5	0.5	2	0.8	3	ND	440	346	Quartzite
104	24	2.5	230	15	2.5	14	0.5	2.0	2	7.1	ND	ND	1070	680	Limonite precipitate
105	2	5	10	2.5	10	2	0.5	0.5	2	0.7	6	ND	95	250	Phyllitic quartzite
106	80	5	5	95	5	10	1.0	3.0	2	4.7	6	0.3	670	2668	Greenstone

106 D/3 (cont'd.)

Sample Number	Cu	Pb	Zn	Ni	Co	As	Sb	Mo	W	U	Sn	Ag	F	Ba	Remarks
107	20	2.5	130	25	2.5	12	1.0	1.0	2	2.3	3	ND	300	621	Greenstone (1% py)
108	12	10	80	40	2.5	12	1.0	0.5	2	2.5	ND	ND	430	1240	Phyllite
109	40	10	80	2.5	2.5	8	4.0	3.0	2	2.8	ND	ND	620	1956	Limonite precipitate
110	2	2.5	120	2.5	2.5	2	1.0	1.0	2	0.2	ND	ND	1090	188	Limonite precipitate
111a	8	2.5	40	2.5	2.5	1	1.0	0.5	2	0.1	ND	ND	525	65	Limonite precipitate
111b	20	2.5	120	2.5	2.5	4	0.5	0.5	2	0.2	ND	ND	885	201	Limonite precipitate
112	100	2.5	220	125	15	8	2.0	0.5	2	0.2	ND	0.1	245	82	Greenstone
113a	44	2.5	200	20	5	8	0.5	3.0	2	2.4	1	0.9	580	1455	Limonite precipitate
113b	8	2.5	60	10	5	1	0.5	0.5	2	0.1	10	ND	60	63	Quartz vein
113c	64	2.5	160	15	5	6	2.0	3.0	2	2.4	4	ND	740	1496	Limonite precipitate
114	28	2.5	60	15	2.5	1	0.5	0.5	2	2.0	6	ND	785	3885	Phyllite
115	2	2.5	650	20	2.5	2	1.0	0.5	2	2.4	Tr	ND	1330	470	Limonite precipitate
116	60	2.5	110	40	2.5	12	0.5	0.5	2	0.7	ND	ND	1000	205	Greenstone

106 D/4

Sample Number	Cu	Pb	Zn	Ni	Co	As	Sb	Mo	W	U	Sn	Ag	F	Ba	Remarks
117	2	2.5	800	85	15	36	0.5	0.5	2	1.3	ND	ND	470	220	Limonite precipitate
118	2	2.5	950	90	15	28	0.5	1.0	2	0.8	ND	ND	215	268	Limonite precipitate
119a	2	5	500	65	2.5	220	2.0	5.0	2	4.2	1	ND	175	169	Limonite precipitate
119b	2	2.5	240	40	105	14	2.0	0.5	2	2.0	3	ND	100	752	Limonite precipitate
120	8	2.5	10	10	2.5	1	0.5	4.0	2	2.6	ND	ND	505	936	Limestone
121a	4	2.5	20	2.5	20	1	0.5	0.5	2	1.7	7	ND	330	637	Quartzite
121b	2	2.5	10	2.5	2.5	1	0.5	0.5	2	0.7	5	ND	135	176	Quartzite
122	2	2.5	20	2.5	2.5	1	1.0	0.5	2	0.5	ND	ND	190	149	Quartz-carbonate vein
123	2	2.5	10	2.5	2.5	1	0.5	0.5	2	0.4	6	ND	ND	239	Quartzite
124	2	2.5	10	2.5	2.5	1	0.5	0.5	2	1.4	ND	ND	135	53	Limestone
125	4	10	110	45	10	1	0.5	0.5	2	1.7	6	ND	885	1465	Slate
126	2	5	10	2.5	5	1	0.5	0.5	2	1.9	6	ND	140	213	Quartzite
127	2	2.5	50	20	10	1	0.5	0.5	2	2.3	3	ND	430	1102	Quartzite
128	4	2.5	5	2.5	5	1	0.5	0.5	2	0.3	ND	ND	315	86	Limestone
129	72	10	100	40	10	6	0.5	0.5	2	1.7	ND	ND	670	6637	Slate
130	2	2.5	5	2.5	2.5	1	1.0	0.5	2	1.3	3	ND	115	35	Limestone
131	2	2.5	5	2.5	2.5	1	1.0	0.5	2	0.8	ND	ND	145	32	Limestone
132	16	2.5	210	100	2.5	12	0.5	0.5	2	0.6	11	ND	500	264	Greenstone
133	28	2.5	60	75	2.5	0.5	0.5	0.5	2	1.4	8	ND	1010	9661	Slate
134	76	15	110	2.5	2.5	1	1.0	0.5	2	1.9	5	ND	145	800	Quartzite
135	2	5	40	35	2.5	1	1.0	0.5	2	1.0	4	ND	180	13392	Limonite precipitate
136	16	2.5	50	65	2.5	2	0.5	1.0	2	1.9	1	ND	790	6682	Slate
137	4	10	5	5	2.5	1	1.0	1.0	2	2.4	Tr	ND	550	766	Phyllitic quartzite
138	24	2.5	50	30	2.5	1	0.5	2.0	2	1.1	3	ND	620	20146	Slate
139	24	2.5	90	35	15	1	0.5	0.5	2	1.3	5	ND	1050	1407	Quartz-sericite schist
140	2	2.5	100	50	10	1	1.0	0.5	2	1.9	12	ND	1060	2138	Phyllite
141	2	2.5	20	15	2.5	1	0.5	1.0	2	2.7	6	ND	575	575	Quartzite
142	52	2.5	120	150	20	2	0.5	0.5	2	0.9	3	ND	710	6971	Grit
143	2	2.5	20	5	2.5	2	2.0	1.0	2	3.5	5	ND	460	872	Sericitic quartzite
144	2	2.5	10	2.5	2.5	1	0.5	0.5	2	0.9	6	ND	150	144	Grit
145	8	2.5	20	10	2.5	1	1.0	1.0	2	2.0	3	ND	210	253	Sericitic quartzite
146a	20	145	2200	40	10	560	1100	0.5	2	3.7	10	0.5	690	625	Sericite schist from Pb-Sb occurrence
146b	56	>400	>4000	10	2.5	5000	18.0	0.5	0.5	8.2	ND	14	910	627	Gossan (Pb-Zn occurrence in sericite schist)
147	20	2.5	20	10	10	1	1.0	1.0	2	1.3	6	ND	140	106	Quartzite
148a	4	2.5	60	2.5	2.5	36	2.0	0.5	2	0.6	ND	ND	145	101	Limonite precipitate (stream bank)
148b	2	2.5	5	2.5	2.5	8	3.0	0.5	2	0.4	3	ND	125	191	Quartzite
148c	16	2.5	360	65	5	38	1.0	1.0	2	2.4	ND	1.8	455	597	Limonite precipitate (pond)
148d	20	2.5	40	2.5	2.5	150	8.0	0.5	2	0.4	ND	ND	290	63	Yellow scum (precipitate)
148e	8	10	40	2.5	2.5	500	24.0	4.0	2	0.5	10	0.2	290	48	Green scum (precipitate)
148f	4	2.5	10	2.5	2.5	44	4.0	0.5	2	0.2	ND	0.9	545	91	Limonite precipitate (stream)
149a	4	2.5	170	2.5	2.5	4	2.0	1.0	2	0.2	Tr	ND	170	70	Gossan in quartzite
149b	56	2.5	180	5	2.5	1	1.0	0.5	2	1.2	ND	ND	1370	416	Gossan in quartzite
150	120	2.5	20	10	2.5	1	0.5	0.5	2	1.0	4	ND	255	250	Quartzite (sheared)
151	12	5	110	45	25	2	0.5	0.5	2	2.1	9	ND	670	1239	Quartz-sericite schist
152	16	2.5	240	95	95	104	30.0	0.5	2	4.1	ND	ND	420	432	Limonite precipitate
153	2	2.5	20	2.5	10	60	1.0	0.5	2	0.9	8	ND	270	315	Quartzite
154	8	15	50	20	5	8	0.5	0.5	2	4.1	3	ND	790	1490	Granite
155	8	25	90	55	15	16	0.5	0.5	2	5.9	6	ND	400	1592	Greenstone (sheared)
156	8	2.5	5	10	5	2	0.5	4.0	20	4.4	10	ND	490	1914	Granite
157a	28	2000	180	5	2.5	220	400.0	17.0	20	8.9	ND	5.1	220	262	Quartz vein (boulder)
157b	2	140	20	2.5	2.5	16	6.0	0.5	92	7.6	7	0.4	500	107	Granite
158a	2	10	30	20	5	4	0.5	16.0	112	5.4	7	ND	1500	2168	Granite (trace mo)
158b	68	>400	>4000	5	5	900	22000	14.0	12	6.3	5	6.0	100	58	Arsenopyrite in quartz vein
159a	4	20	20	10	2.5	8	0.5	16.0	16	3.5	3	ND	410	1978	Quartz porphyry
159b	2	10	30	25	5	2	1.0	0.5	2	2.1	3	ND	180	355	Quartzite
160	2	5	10	2.5	2.5	16	0.5	0.5	2	1.7	2	ND	270	454	Quartzite
161	12	10	20	15	10	16	0.5	1.0	36	5.6	3	ND	950	2142	Granodiorite
162	20	10	20	15	5	120	6.0	0.5	2	1.9	3	ND	530	576	Quartz vein
162a	280	80	210	40	220	540	8.0	0.5	16	7.7	3	ND	705	954	Gossan
162b	16	10	20	2.5	10	28	0.5	0.5	2	2.3	5	ND	150	253	Quartzite
163	4	20	140	20	20	28	2.0	1.0	2	2.5	3	ND	460	442	Quartz-sericite schist
164	8	10	30	20	15	60	0.5	1.0	2	4.4	7	ND	1080	1869	Granodiorite
165	2	5	10	2.5	2.5	2	0.5	0.5	2	0.5	2	ND	140	112	Quartzite
166	2	10	110	45	10	16	1.0	0.5	2	3.7	1	ND	950	2664	Biotitic quartzite (hornfels)
167	12	35	20	2.5	2.5	20	0.5	0.5	2	0.6	5	ND	220	163	Quartz vein
168	8	25	70	15	10	1	0.5	0.5	2	3.6	2	ND	1000	1721	Granodiorite
169	2	2.5	5	2.5	25	150	9.0	0.5	2	0.9	6	ND	150	349	Quartz porphyry
170	8	15	50	20	10	1	2.0	0.5	2	2.6	3	ND	260	317	Quartzite
171	4	2.5	20	2.5	2.5	10	0.5	0.5	2	1.7	2	ND	130	157	Quartzite
172	8	2.5	5	2.5	5	1	0.5	0.5	2	0.1	3	ND	20	95	Quartz vein
173	2	40	120	15	10	1	2.0	12.0	4600	1.3	ND	ND	70	176	Skarn
174	4	2.5	40	2.5	2.5	1800	0.5	5.0	2	1.6	-	ND	165	-	Limonite precipitate
175	92	2.5	80	110	5	1	0.5	0.5	2	0.3	ND	ND	185	218	Greenstone
176a	2	2.5	120	2.5	2.5	65	0.5	1.0	2	2.0	-	ND	1800	-	Limonite precipitate
176b	16	15	120	30	10	36	1.0	3.0	2	5.7	5	ND	520	1515	Limonite precipitate

105 M/13

Sample Number	Cu	Pb	Zn	Ni	Co	As	Sb	Mo	W	U	Sn	Ag	F	Ba	Remarks
177a	16	2.5	80	25	2.5	2	1.0	3.0	2	2.7	4	ND	690	854	Quartzite
177b	320	5	160	60	60	2	2.0	0.5	2	1.0	2	0.5	710	674	Greenstone
177c	8	2.5	20	20	2.5	8	0.5	0.5	2	3.2	Tr	ND	580	464	Quartzite
178	8	2.5	5	2.5	2.5	1	3.0	0.5	2	0.6	10	ND	85	158	Quartzite (1% py)
179	8	140	320	15	2.5	2	30.0	0.5	2	2.5	5	ND	350	369	Sericitic quartzite (float)
180	12	40	120	60	40	2	4.0	0.5	2	2.0	4	ND	1400	2000	Quartz-sericite schist
181	8	2.5	20	2.5	2.5	1	0.5	0.5	2	2.0	4	ND	210	336	Sericitic quartzite
182	2	5	5	2.5	5	1	0.5	0.5	2	2.2	7	0.2	240	643	Phyllite
183	24	10	110	40	5	2	0.5	0.5	2	2.5	4	ND	455	783	Phyllite
184	8	10	120	2.5	2.5	560	0.5	0.5	2	5.0	9	0.2	360	1699	Quartz porphyry
185	8	30	110	15	2.5	1	0.5	1.0	2	7.6	7	0.5	750	3442	Granodiorite
186a	4	1350	>8000	20	2.5	32	3.0	1.0	2	1.2	ND	7.6	215	343	Quartzite with Zn-Pb vein
186b	26	45	340	45	10	70	2.0	3.0	2	2.2	2115	0.8	335	114	Quartz vein (5% py)
186c	4	5	520	5	2.5	2	0.5	0.5	2	4.6	13	ND	820	3914	Quartz-feldspar porphyry
186d	150	500	800	25	2.5	48	2.0	3.0	2	2.2	7	6.2	1825	87	Phyllitic quartzite (5% py)
186e	2	1200	3100	75	5	110	6.0	3.0	2	4.3	19	7.1	700	1667	Gossan over Pb-Zn occurrence
186f	28	5	80	45	10	6	0.5	1.0	2	2.8	7	1.6	885	382	Quartzite (1% py)
187	2	5	5	2.5	15	14	0.5	0.5	2	1.3	8	ND	180	427	Quartzite (brecciated)
188	16	2.5	50	5	2.5	36	2.0	0.5	2	1.7	7	ND	525	2818	Quartz-sericite schist
189a	4	10	170	15	5	40	4.0	7.0	2	2.7	10	ND	970	9216	Limonite precipitate
189b	12	10	90	35	5	14	2.0	1.0	2	2.0	7	ND	590	2683	Fault gouge (clay)
190	8	2.5	30	40	5	2	1.0	0.5	2	1.8	2	ND	160	421	Quartzite
191	2	30	10	2.5	2.5	2	0.5	15.0	2	1.1	4	ND	150	611	Quartz-sericite schist

105 P/16

Sample Number	Cu	Pb	Zn	Ni	Co	As	Sb	Mo	W	U	Sn	Ag	F	Ba	Remarks
192	4	2.5	5	2.5	2.5	1	0.5	0.5	2	0.8	4	ND	60	190	Quartzite
193	48	2.5	80	30	5	1	0.5	0.5	2	1.0	5	0.3	530	5870	Phyllite
194	32	2.5	30	10	2.5	1	0.5	0.5	2	1.1	17	0.8	450	5967	Phyllite
195	28	5	70	30	10	12	0.5	0.5	2	1.8	6	ND	650	6478	Phyllite
196	8	2.5	60	2.5	5	2	0.5	0.5	2	0.7	4	ND	155	169	Quartzite
197	2	2.5	10	2.5	5	2	0.5	0.5	2	1.3	6	ND	110	164	Quartzite
198a	4	2.5	5	2.5	2.5	1	2.0	0.5	2	1.0	3	ND	200	360	Quartzite
198b	2	2.5	5	2.5	2.5	1	2.0	0.5	2	1.2	4	ND	180	470	Quartzite
199	4	2.5	5	2.5	2.5	1	0.5	0.5	2	0.9	9	ND	20	210	Quartzite
200	92	50	80	55	2.5	2	0.5	0.5	2	0.4	7	ND	150	238	Quartzite
201	2	2.5	20	5	2.5	2	1.0	0.5	2	1.1	10	0.2	205	415	Phyllite
202	2	2.5	10	2.5	5	2	0.5	0.5	2	2.8	10	0.2	500	840	Phyllite
323	24	5	70	35	2.5	1	0.5	0.5	2	2.2	4	0.2	1040	14345	Phyllite
324	2	25	10	2.5	2.5	1	0.5	0.5	2	0.1	<1	ND	275	385	Quartzite
325	72	2.5	120	2.5	2.5	1	1.0	4.0	2	3.9	4	0.8	830	1960	Phyllite (graphitic)

105 P/16 (cont'd.)

Sample Number	Cu	Pb	Zn	Ni	Co	As	Sb	Mo	W	U	Sn	Ag	F	Ba	Remarks
326a	2	2.5	10	15	2.5	1	0.5	0.5	2	0.7	10	ND	ND	136	Quartzite
326b	8	115	40	2.5	2.5	46	2.0	1.0	2	1.5	7	0.3	75	288	Rusty quartz vein
327	48	25	200	30	10	1	1.0	0.5	2	2.7	5	ND	860	8892	Phyllite

105 M/14

Sample Number	Cu	Pb	Zn	Ni	Co	As	Sb	Mo	W	U	Sn	Ag	F	Ba	Remarks
203	72	2.5	70	45	15	8	1.0	0.5	2	1.0	1	ND	290	359	Greenstone
204	8	2.5	110	35	35	10	0.5	0.5	2	0.1	ND	ND	340	340	Greenstone
205a	32	2.5	110	35	2.5	6	0.5	0.5	2	1.2	4	ND	635	411	Phyllite
205b	110	2.5	80	85	10	4	0.5	0.5	2	0.6	ND	ND	340	309	Greenstone
206	140	2.5	120	70	2.5	2	3.0	1.0	2	0.5	ND	ND	465	378	Greenstone
207	2	2.5	210	90	5	8	1.0	1.0	2	2.4	3	ND	1130	1293	Limonite precipitate
208	2	2.5	80	45	2.5	16	0.5	1.0	2	1.9	5	ND	515	277	Phyllite
209	2	2.5	60	40	5	2	0.5	7.0	2	4.5	5	-	-	160	Limonite precipitate
210	52	2.5	30	40	5	1	0.5	5.0	2	4.7	10	0.6	890	1508	Phyllite (graphitic)
211	2	2.5	130	65	10	24	2.0	0.5	2	4.1	3	1.2	1270	1851	Limonite precipitate
212	32	2.5	60	35	2.5	1	0.5	3.0	2	2.5	1	ND	715	1457	Phyllite
213	44	2.5	90	85	45	1	0.5	0.5	2	0.3	ND	ND	325	8119	Greenstone
214	4	10	50	2.5	5	8	1.0	1.0	2	0.6	7	1.3	60	258	Quartzite
215	2	2.5	20	65	5	2	0.5	9.0	2	1.0	3	ND	180	1742	Quartzite
216	60	2.5	60	90	35	1	0.5	0.5	2	0.1	ND	ND	310	255	Greenstone
217	140	2.5	130	20	40	1	0.5	0.5	240	0.3	Tr	0.5	150	401	Quartz vein
218	48	115	50	20	5	36	4.0	1.0	2	0.7	4	6.1	20	413	Quartz vein
219	2	5	10	2.5	2.5	1	0.5	0.5	2	0.8	7	ND	220	208	Quartzite
220	40	2.5	60	145	20	1	0.5	0.5	2	0.4	ND	ND	250	141	Greenstone
221a	64	2.5	40	30	2.5	1	0.5	1.0	2	0.7	7	ND	170	645	Quartzite (1% py-po)
221b	850	2.5	170	90	60	1	1.0	2.0	2	2.0	Tr	1.0	750	338	Greenstone (1% cp, 2% py-po)
222	32	2.5	120	35	2.5	18	6.0	0.5	2	2.1	5	0.4	310	1795	Limonite precipitate
223	4	5	5	2.5	2.5	6	1.0	0.5	2	1.1	9	ND	70	165	Quartz vein
224	140	5	110	35	10	56	14.0	4.0	2	3.6	3	ND	190	805	Limonite precipitate
225	4	2.5	10	10	2.5	5	0.5	0.5	2	0.6	6	ND	220	119	Quartz vein
226	4	2.5	10	5	2.5	1	0.5	0.5	2	0.8	6	ND	110	245	Quartz vein
227	8	2.5	10	5	2.5	1	0.5	0.5	2	1.3	5	ND	335	1412	Quartzite
228	4	2.5	160	130	10	6	0.5	2.0	0.5	5.6	5	0.2	107	290	Quartzite (fractured)
229	8	1100	130	15	2.5	2	4.0	0.5	0.5	1.9	9	4.1	140	111	Gossan over fracture zone in quartzite
230	4	5	900	90	2.5	48	2.0	12.0	2	15.6	ND	ND	210	1945	Limonite precipitate
231	2	75	80	5	2.5	2	0.5	1.0	2	1.1	1	ND	365	709	Quartzite
232	140	5	120	2.5	2.5	2	3.0	1.0	2	1.5	ND	0.6	315	385	Limonite precipitate
233	2	120	50	5	5	2	14.0	2.0	2	1.2	ND	ND	460	185	Limonite precipitate
234	2	2.5	20	2.5	2.5	4	0.5	0.5	2	0.7	ND	ND	885	118	Limestone
235	130	750	20	2.5	15	800	0.5	0.5	2	0.1	1980	3.1	80	80	Quartz vein (py, cp, ga, as)
236	16	15	180	45	2.5	1	0.5	1.0	2	2.7	2	ND	310	1828	Phyllite
237	2	2.5	10	2.5	2.5	1	0.5	0.5	2	0.6	7	ND	40	258	Quartzite
238	2	2.5	20	2.5	2.5	1	0.5	0.5	2	1.2	5	ND	40	280	Quartzite
239	2	2.5	20	20	5	1	0.5	3.0	2	2.7	10	ND	200	518	Phyllite
240a	52	2.5	30	5	2.5	2	0.5	2.0	2	1.3	6	ND	230	561	Phyllite
240b	4	10	160	20	2.5	2	0.5	3.0	2	3.1	5	ND	505	1659	Phyllite (py)
241	20	2.5	30	5	2.5	1	0.5	0.5	2	1.8	2	ND	350	526	Quartz-sericite schist
242	160	2.5	130	5	5	44	9.0	3.0	2	2.0	3	1.8	310	212	Limonite precipitate
243a	16	5	120	20	5	1	0.5	0.5	2	1.5	6	ND	300	494	Quartz vein
243b	180	5	120	15	5	1	2.0	4.0	2	3.3	2	ND	755	1721	Limonite precipitate
244	8	90	50	10	5	1	2.0	0.5	2	2.1	5	ND	350	1113	Quartz-sericite schist
245	2	15	50	10	2.5	1	0.5	0.5	2	1.8	5	ND	265	336	Quartzite
246	2	2.5	40	5	2.5	1	1.0	1.0	2	0.9	1	ND	70	973	Quartzite
247	2	2.5	40	10	2.5	1	0.5	0.5	2	1.7	5	ND	280	727	Quartz-sericite schist
248	4	2.5	20	10	2.5	1	0.5	0.5	2	0.4	ND	ND	325	482	Quartz-sericite schist
249	2	2.5	30	10	2.5	1	0.5	0.5	2	1.4	6	ND	265	968	Quartz-sericite schist
250	2	10	90	2.5	2.5	1	0.5	1.0	2	4.6	7	ND	1070	1706	Quartz-sericite schist (1% py)
251	20	2.5	10	10	2.5	1	2.0	20.0	2	2.3	5	0.6	230	537	Phyllite (graphitic)
252	400	5	20	10	2.5	6	1.0	0.5	2	1.1	2	ND	230	313	Quartzite
253a	12	2.5	5	2.5	2.5	1	3.0	0.5	2	0.2	2	ND	135	79	Quartz vein
253b	700	20	180	20	2.5	2	1.0	0.5	2	0.3	5	ND	85	117	Feldspar porphyry
254	8	2.5	20	5	2.5	10	0.5	0.5	2	2.1	5	ND	300	324	Quartz-sericite schist
255	2	2.5	20	2.5	2.5	1	0.5	0.5	2	1.4	8	ND	55	245	Sericitic quartzite
256	8	2.5	90	20	2.5	2	0.5	0.5	2	1.7	8	ND	450	577	Limonite precipitate
257	16	10	20	15	5	8	0.5	0.5	2	2.2	3	ND	210	381	Phyllite
258	8	2.5	20	2.5	5	1	0.5	0.5	2	1.5	6	ND	110	629	Quartzite-sericite schist
259	8	2.5	460	95	40	44	1.0	1.0	2	2.7	8	ND	170	1224	Greenstone
260	2	10	20	2.5	2.5	1	3.0	0.5	2	0.2	3	ND	25	80	Brecciated quartzite
261	2	2.5	20	2.5	2.5	1	1.0	1.0	2	0.9	5	0.3	<20	317	Quartzite
262	20	2.5	70	20	2.5	2	1.0	0.5	2	0.8	2	ND	360	6588	Quartz-sericite schist
263	2	2.5	30	15	2.5	2	1.0	0.5	2	0.6	7	ND	140	381	Quartzite
264	2	2.5	20	10	2.5	2	0.5	2.0	2	1.1	3	ND	40	253	Quartzite
265	2	2.5	20	2.5	2.5	1	0.5	0.5	2	0.7	4	ND	35	200	Quartzite

105 M/15

Sample Number	Cu	Pb	Zn	Ni	Co	As	Sb	Mo	W	U	Sn	Ag	F	Ba	Remarks
266	64	2.5	110	105	45	1	0.5	0.5	2	0.2	ND	ND	225	213	Greenstone
267	20	120	100	40	2.5	36	10.0	1.0	2	3.2	3	ND	650	2143	Quartzite
268a	680	> 4000	400	40	10	24	800.0	2.0	0.5	13.1	105	70	358	51	Gossan (Pb-Zn-Ag occurrence)
268b	20	1800	220	2.5	2.5	56.	2.0	0.5	2	2.3	2	1.2	500	686	Phyllite (grey)
268c	20	65	110	55	2.5	1	0.5	1.0	2	2.7	9	ND	950	1615	Phyllite (black)
268d	96	>400	90	20	10	2	800.0	0.5	2	0.2	-	22	ND	-	Galena
269	2	10	60	5	15	1	1.0	1.0	2	8.6	7	ND	1760	1497	Granodiorite
270	4	5	60	2.5	15	1	0.5	0.5	2	2.2	9	ND	755	870	Phyllite
271	48	2.5	110	85	5	1	0.5	0.5	2	0.5	Tr	ND	604	1144	Greenstone
272	12	10	50	20	5	0.5	0.5	0.5	2	2.6	3	ND	1620	1463	Granodiorite
273	2	2.5	120	40	5	1	1.0	2.0	2	2.3	4	ND	820	361	Phyllitic quartzite (1% py)
274	2	2.5	40	5	2.5	2	1.0	1.0	2	3.3	2	ND	210	3185	Granodiorite
275	2	2.5	80	5	2.5	1	1.0	6.0	2	1.5	5	ND	515	3605	Quartzite
276	2	2.5	30	5	2.5	1	0.5	0.5	2	2.6	2	ND	230	5712	Phyllite
277	2	15	70	2.5	2.5	1	1.0	0.5	2	4.1	7	ND	535	1853	Phyllite
278	44	50	220	20	5	20	1.0	2.0	2	11.9	11	ND	1000	5121	Limonite precipitate
279	2	2.5	80	15	2.5	1	0.5	0.5	2	2.2	5	ND	395	1446	Quartz-sericite schist
280	2	5	560	220	2.5	1	0.5	0.5	2	0.7	3	0.2	330	1120	Limonite precipitate
281	12	10	110	25	2.5	12	1.0	1.0	2	3.1	<1	ND	730	620	Limonite precipitate
282	2	15	110	5	2.5	1	0.5	0.5	2	4.2	6	ND	460	1934	Quartzite
283	2	2.5	20	2.5	2.5	1	0.5	0.5	2	1.0	24	ND	1216	4531	Phyllite (1% py)
284	8	2.5	30	15	2.5	2	0.5	1.0	2	2.8	1	ND	490	1078	Quartzite
285	2	5	50	10	2.5	1	0.5	0.5	2	2.2	8	ND	505	9461	Quartzite
286	8	5	40	5	2.5	1	0.5	0.5	2	1.5	6	ND	350	454	Quartz-sericite schist
287	2	2.5	160	240	10	4	0.5	0.5	2	2.4	7	ND	340	1634	Quartz-sericite schist
288	4	2.5	30	2.5	2.5	2	0.5	2.0	2	0.8	3	ND	50	189	Quartzite
289	2	2.5	5	2.5	2.5	1	0.5	1.0	2	1.2	6	ND	65	163	Quartzite
290	8	25	60	5	2.5	1	0.5	1.0	2	5.3	Tr	ND	850	1338	Granodiorite
291	2	5	90	15	2.5	1	2.0	0.5	2	4.4	ND	ND	2500	1806	Granodiorite
292	52	2.5	480	165	15	2	0.5	0.5	2	2.5	ND	ND	540	488	Limonite precipitate
293	8	2.5	5	2.5	2.5	1	0.5	0.5	2	0.9	5	ND	95	107	Quartzite
294	2	10	30	5	2.5	1	1.0	0.5	2	8.4	2	ND	1050	1076	Granodiorite
295	48	5	80	20	2.5	4	2.0	1.0	2	2.2	1	-	355	1218	Limonite precipitate
296	8	10	50	10	2.5	1	2.0	0.5	2	12.7	6	ND	885	1539	Granodiorite
297	2	50	70	2.5	2.5	1	0.5	0.5	2	6.6	3	ND	1200	1472	Granodiorite
298	2	15	70	2.5	2.5	1	1.0	0.5	2	6.6	Tr	ND	700	1346	Granodiorite
299	2	30	50	15	2.5	1	0.5	1.0	2	6.8	9	ND	910	1464	Granodiorite
300	8	2.5	10	2.5	2.5	1	1.0	0.5	2	1.6	5	ND	130	958	Quartzite
301	68	2.5	140	70	15	1	0.5	0.5	2	0.3	ND	ND	340	137	Greenstone
302	2	2.5	80	65	5	1	0.5	0.5	2	0.3	ND	ND	220	219	Greenstone
303	2	2.5	30	25	2.5	1	0.5	1.0	2	1.6	4	ND	145	1080	Phyllite
304	4	35	40	15	2.5	1	0.5	0.5	2	1.7	1	ND	210	378	Quartzite (trace py)
305	2	25	70	20	5	2	0.5	0.5	2	3.2	4	ND	115	617	Quartzite
306	4	5	10	10	2.5	1	1.0	0.5	2	1.8	3	ND	200	210	Quartzite
307	36	2.5	90	130	20	1	0.5	0.5	2	0.3	ND	ND	185	284	Greenstone
308	2	2.5	10	2.5	2.5	1	0.5	0.5	2	0.8	1	ND	50	206	Quartzite
309	20	15	80	15	2.5	1	0.5	0.5	2	2.0	8	ND	380	473	Quartz-sericite schist
310	2	5	60	20	2.5	1	0.5	0.5	2	2.6	3	ND	285	600	Quartz-sericite schist
311	12	5	60	2.5	2.5	1	1.0	2.0	2	1.9	9	ND	485	2592	Phyllite (graphitic)
312	12	10	50	15	2.5	1	0.5	0.5	2	4.0	3	ND	590	1125	Phyllite
313	2	5	30	2.5	2.5	1	0.5	1.0	2	3.3	3	ND	335	980	Phyllite
314	8	10	40	2.5	2.5	1	0.5	0.5	2	1.8	5	ND	365	688	Quartzite
315	2	2.5	20	2.5	2.5	1	0.5	1.0	2	1.5	5	ND	63	388	Quartzite
316	2	2.5	90	15	2.5	1	0.5	2.0	2	4.0	4	ND	420	1721	Quartz-sericite schist
317	2	2.5	10	25	2.5	1	1.0	0.5	2	1.0	2	ND	115	311	Quartzite
318	2	2.5	10	2.5	2.5	1	0.5	0.5	2	1.1	4	ND	80	202	Quartzite
319	40	2.5	90	60	10	8	0.5	2.0	2	0.8	4	ND	350	128	Greenstone
320	12	2.5	240	2.5	2.5	16	1.0	0.5	2	0.5	Tr	ND	140	130	Limonite precipitate
321	100	2.5	120	100	2.5	1	0.5	0.5	2	0.5	ND	ND	250	194	Greenstone
322	2	2.5	5	2.5	2.5	1	1.0	0.5	2	0.7	7	ND	-20	128	Quartzite

National topographic sheet numbers are designated as 106 D/1, etc.
For sample locations see Figure 1.
All values are in ppm (parts per million)
py – pyrite, po – pyrrhotite; cp – chalcopyrite; ga – galena;
as – arsenopyrite; mo – molybdenite

ND – not detected; values below detection limits for Ag and Sn
Tr – trace
\- – not analyzed; generally insufficient sample available

Table 10

Range and median values of trace elements in rocks and limonite precipitates of the Keno Hill district

Rock Type	No. of Samples	Cu		Pb		Zn		Ni		Co		As		Sb		Mo		W		U		Sn		Ag		F		Ba	
		R[1]	M[2]	R	M	R	M	R	M	R	M	R	M	R	M	R	M	R	M	R	M	R	M	R	M	R	M	R	M
Limonite precipitates	60	2 – 180	8	2.5 – 120	2.5	5 – 1800	200	2.5 – 375	20	2.5 – 190	2.5	1 – 1800	8	0.5 – 30	0.7	0.5 – 18	1.0	2 – 12	2	0.1 – 15.6	2	ND[3] – 11	ND	ND – 1.8	ND	140 – 6650	550	10 – 13392	750
Quartz veins	21	2 – 150	12	2.5 – +4000	5	5 – >4000	20	2.5 – 160	5	2.5 – 40	2.5	1 – 900	5	0.5 – 22000	0.5	0.5 – 17	0.5	2 – 240	2	0.1 – 8.9	1	ND – 2115	4	ND – 6.1	ND	20 – 2200	155	63 – 5666	200
Skarn	2	2 – 4	–	35 – 40	–	120 – 140	–	2.5 – 15	–	2.5 – 10	–	1	–	0.5 – 2.0	–	12	–	760 – 4600	–	0.9 – 1.3	–	ND – 10	–	ND	–	70 – 150600	–	47 – 176	–
Porphyries	5	2 – 700	4	2.5 – 20	5	5 – 520	60	2.5 – 20	5	2.5	2.5	2 – 560	6	0.5 – 9.0	0.5	0.5 – 16	0.5	2 – 16	2	0.3 – 5	3	3 – 13	5	ND – 0.2	ND	85 – 820	220	117 – 3914	850
Granite	4	2 – 8	2	2.5 – 140	10	5 – 50	20	2.5 – 20	10	2.5 – 5	5	2 – 16	4	0.5 – 6.0	0.5	0.5 – 16	0.5	2 – 112	20	4.1 – 7.6	5	3 – 10	7	ND – 0.4	ND	490 – 1500	500	107 – 2168	1500
Granodiorite	14	2 – 12	2	2.5 – 50	10	5 – 110	50	2.5 – 20	10	2.5 – 15	2.5	1 – 60	1	0.5 – 2.0	0.5	0.5 – 1	0.5	2 – 36	2	3 – 12.7	6	ND – 9	2	ND – 0.5	ND	210 – 2500	950	1076 – 3442	1500
Quartz-sericite schist	23	2 – 32	4	2.5 – 145	2.5	5 – 2200	70	2.5 – 240	10	2.5 – 40	2.5	1 – 560	1	0.5 – 1100	0.5	0.5 – 15	0.5	2	2	0.4 – 4.6	2	ND – 10	5	ND – 0.5	ND	150 – 1430	350	324 – 6588	750
Quartzite	95	2 – 400	2	2.5 – 1350	2.5	5 – >8000	20	2.5 – 130	2.5	2.5 – 20	2.5	1 – 60	1	0.5 – 30	0.5	0.5 – 9	0.5	2	2	0.1 – 6.7	1.5	ND – 10	4	ND – 7.6	ND	ND – 1825	180	80 – 9461	350
Phyllite	76	2 – 180	4	2.5 – 1800	2.5	5 – 360	60	2.5 – 95	20	2.5 – 55	2.5	1 – 70	1	0.5 – 20	0.5	0.5 – 20	0.5	2	2	0.8 – 13.5	2.5	ND – 24	5	ND – 1.2	ND	ND – 1500	550	277 – 14345	1200
Greenstone	44	2 – 2600	60	2.5 – 65	2.5	5 – 460	110	2.5 – 145	70	2.5 – 60	10	1 – 44	1	0.5 – 3.0	0.5	0.5 – 3	0.5	2	2	0.4 – 4.6	2	ND – 11	ND	ND – 1.2	ND	70 – 1110	320	82 – 9674	400
Limestone	14	2 – 400	2	2.5 – 35	2.5	5 – 230	10	2.5 – 55	2.5	2.5 – 15	2.5	1 – 6	1	0.5 – 3.0	0.5	0.5 – 6	0.5	2	2	0.3 – 4.2	1	ND – 5	ND	ND – 0.3	ND	115 – 1135	300	32 – 1383	70
Dolomite	4	2 – 220	2	2.5 – 5	2.5	5 – 50	10	2.5 – 5	2.5	2.5	2.5	1 – 28	1	0.5 – 1.0	0.5	0.5 – 1	0.5	2	2	0.2 – 2.3	0.5	1 – 4	2	ND – 0.4	ND	50 – 225	70	42 – 117	70
Slate	5	2 – 72	20	2.5 – 10	2.5	5 – 110	60	30 – 75	45	2.5 – 10	2.5	1 – 6	1	0.5	0.5	0.5 – 2	0.5	2	2	1.1 – 1.9	1.5	ND – 8	1	ND	ND	620 – 1010	720	1465 – 201416	5500
Grit	2	2 – 52	–	2.5	–	10 – 120	–	2.5 – 150	–	2.5 – 20	–	1 – 2	–	0.5	–	0.5	–	2	–	1.0	–	3 – 6	–	ND	–	150 – 710	–	144 – 6971	–

Notes: 1 – R = Range of values (ppm)
2 – M = Median values (ppm)
3 – ND = Non detectable for: Sn < 1ppm
Ag < 0.1 ppm
F < 20 ppm

Dashes indicate no meaningful median values could be calculated

To acompany GSC Paper 77-31

Table 9
and
Table 10

This document was produced by scanning the original publication.
Ce document est le produit d'une numérisation par balayage de la publication originale.