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DEPARTMENT OF NATURAL RESOURCES

DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

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Report of Investigations 91-5

GEOCHEMISTRY OF HAINES-KLUKWAN-PORCUPINE AREA, SOUTHEASTERN ALASKA

By

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STATE OF ALASKA
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DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

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GEOCHEMISTRY OF HAINES-KLUKWAN-PORCUPINE AREA, SOUTHEASTERN ALASKA

By
Wyatt G. Gilbert,[1] Jan C. Still,[2] Laurel E. Burns,[1] Kevin R. Weir,[2] and Earl C. Redman[3]

INTRODUCTION

This report presents geochemical analyses from 516 stream-sediment, 29 pan-concentrate, and 1439 rock samples collected in the Haines-Klukwan-Porcupine area (fig. 1), treats the results statisticially, and discusses various elemental concentrations and anomalies. The report is part of a cooperative project between the Alaska Division of Geological & Geophysical Surveys (DGGS) and the U.S. Bureau of Mines (USBM) to evaluate the mineral resources of the Skagway subdistrict of the Juneau mining district.

Samples were collected during 1981-1988, with most being collected during 1984-1987. Most of these analyses have been reported previously by Still (1984a, 1984b), Still and others (1984), Redman and others (1984), Still and others (1985), Gilbert and others (1987, 1988), Gilbert (1988), Still (1988), and Still and others (1989), but a small amount of new analytical data is also included in the report.

To evaulate the mineral resource potential of the Haines-Klukwan-Porcupine area this report should be used with its companion report, "Economic geology of Haines-Klukwan-Porcupine area" (Alaska Division of Geological & Geophysical Surveys Report of Investigations 91-4) by Still and others (1991) and with the discussion of the study-area geology by Gilbert and others (1991).

PREVIOUS WORK

Geochemical studies in the Haines-Klukwan-Porcupine area previous to this cooperative study include analyses of Haines and Klukwan ultramafic rocks by Robertson (1956) and geochemical sample results from the Skagway B-3 and Chilkat Peninsula areas by Winkler and MacKevett (1970), MacKevett (1971), and MacKevett and others (1974). Reconnaissance hydrogeochemical and stream-sediment analyses from the study area are reported as part of the National Uranium Resource Evaluation Program U.S. Department of Energy (US DOE, 1981). Geochemical analyses from the adjacent area east of the study area are reported by Gilbert and others (1990), and from the adjacent area to the south by Brew and others (1978).

METHODOLOGY

This report includes geochemical analyses from most mineral occurrences within the Haines-Klukwan-Porcupine area and from reconnaissance stream-sediment, pan-concentrate, bedrock float, and bedrock samples collected during geologic mapping and prospect and deposit evaluation (see Still and others, 1989, for sampling and processing techniques). Most geochemical analyses from the study-area deposits and prospects are reported in the companion to this report (Still and others, 1991). Although there is a concentration of stream-sediment samples from known placer areas in the western part of the study area, an effort was made to provide sample coverage for all accessible drainages within the study area. However, bedrock float and bedrock samples are strongly biased toward samples that exhibited iron staining or visible sulfides. Multiple samples were commonly collected at mineralized localities.

This report includes analyses for gold, silver, copper, lead, zinc, cobalt, and barium (tables 1-4)[4], although some samples, primarily from plutonic rocks, were analyzed for molybdenum (table 5). Some samples collected within areas containing ultramafic rocks were also analyzed for platinum and palladium (table 6). Emmission

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[4]Tables 2-6 are on pages 8-57.

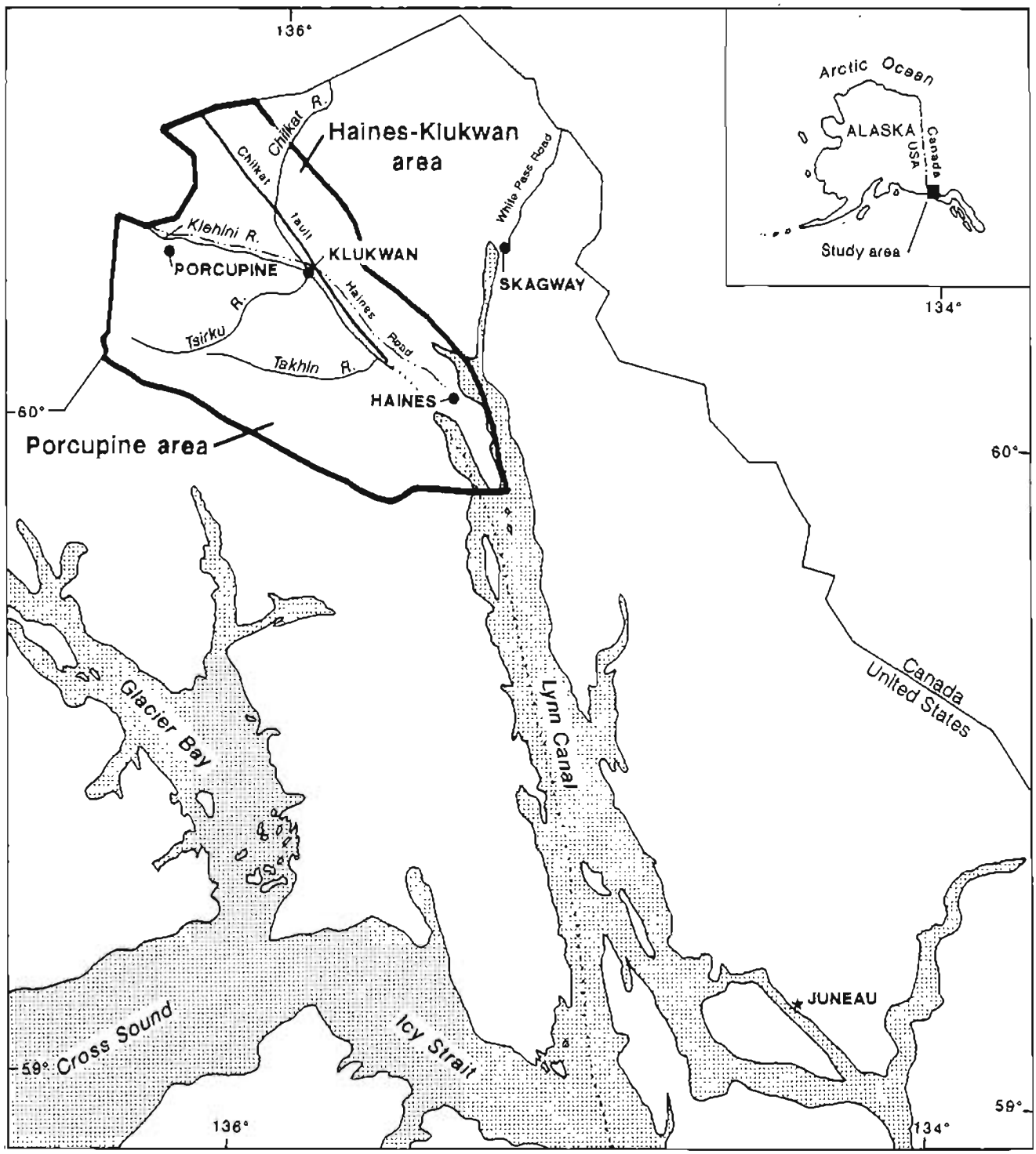

Figure 1. *Location of Haines-Klukwan-Porcupine study area.*

spectographic analyses were obtained from a limited number of samples from the western part of the study area (Still and others, 1989) and from the Chilkat Peninsula area (Still, 1988), but because of their limited distribution and analytical uncertainty when compared to most of the analyses, they are not included in this report.

Table 1. *Anomaly threshold levels, Haines-Klukwan-Porcupine area (in ppm)*

SAMPLE[a]	Au	Ag	Cu	Pb	Zn	Co	Ba
SS(W)	0.1	1.2	120	50	700	60	2200
SS(E)	0.1	0.5	390	35	160	65	1000
AA	0.1	1.6	150	40	400	35	5000
VM	0.1	0.8	200	35	225	75	2000
VF	0.1	1.6	200	50	225	60	3500
CA	0.1	1.6	350	35	400	70	2500
PA	0.1	1.0	200	25	200	60	2000
QU(W)	0.1	1.0	400	30	250	40	1000
FA(W), GO(W) SU(W)	0.1	1.6	400	50	400	75	3500
CH	0.1	0.6	200	30	225	65	3500
VB	0.1	1.6	600	20	200	60	1000
UM	0.1	1.0	1000	20	100	40	1000
PT	0.1	1.0	600	25	200	40	2000
QU(E)	0.1	1.0	600	30	250	40	1000
FA(E), GO(E) SU(E)	0.1	1.6	600	50	400	75	3500

[a] SS(W) Stream-sediment samples, Porcupine area
SS(E) Stream-sediment samples, Haines-Klukwan area
AA Argillaceous rocks, Porcupine area
VM Mafic volcanic and metavolcanic rocks, Porcupine area
VF Felsic volcanic and metavolcanic rocks, Porcupine area
CA Carbonate rocks and skarns, Porcupine area (one sample from Haines-Klukwan area)
PA Plutonic rocks, Porcupine area (Alexander terrane)
QU(W) Quartz veins, Porcupine area
FA(W) Fault gouge, Porcupine area
GO(W) Gossan, Porcupine area
SU(W) Sulfide sample, Porcupine area
CH Chert, Porcupine and Haines-Klukwan areas
VB Basalt and amphibolite, Haines-Klukwan area
UM Ultramafic rocks, Haines-Klukwan area
PT Plutonic rocks, Haines-Klukwan area (Taku terrane)
QU(E) Quartz veins, Haines-Klukwan area
FA(E) Fault gouge, Haines-Klukwan area
GO(E) Gossan, Haines-Klukwan area
SU(E) Sulfide sample, Haines-Klukwan area

Four different laboratories processed the samples presented in this report. Samples collected during 1981-83 and some samples collected during 1984 were analyzed by the USBM, Reno Research Center, Nevada. These samples were analyzed for gold and silver by fire assay - inductively coupled plasma analysis, or by fire assay. Copper, lead, zinc, and cobalt were analyzed by inductively coupled plasma analysis and barium by X-ray flourescence.

Most of the remaining 1984 samples were analyzed by atomic absorption spectroscopy in the DGGS Geochemistry Laboratory in Fairbanks for gold, silver, copper, lead, zinc, cobalt, and molybdenum. Some 1984 samples from the Porcupine area were analyzed for gold (by fire assay) and for barium (by X-ray fluorescence) by Bondar-Clegg, Inc., Lakewood, Colorado.

Most samples collected during 1985-88 were analyzed by Bondar-Clegg. For these samples, gold was analyzed by fire assay; silver, copper, lead, zinc, cobalt and molybdenum by atomic-absorption spectroscopy; and barium by X-ray flourescence.

A few samples (mainly of plutonic rocks) collected during 1984-87 were analyzed by X-Ray Assay Laboratories, Ontario, Canada. Gold was analyzed by fire assay - direct-current plasma analysis, silver by direct-current plasma analysis, and copper, lead, zinc, cobalt, barium, and molybdenum by X-ray flourescence.

ANOMALIES

Anomaly threshold levels for gold, silver, copper, lead, zinc, cobalt, and barium were determined by a combination of factors. Because only a few samples were analyzed for molybdenum, platinum, and palladium, anomaly thresholds were not calculated for these elements. The primary statistical tools used to determine threshold levels for anomalous values were univariate statistics and histograms of analytical value versus frequency of occurrence. These histograms (figs. 2-15) [5]allow rapid visual inspection for significant breaks and tailing out of values; they can also be compared with histograms from previous studies made to the south of the study area, in the Alexander Terrane (Brew and others, 1978) and the Taku Terrane (Grybeck and others, 1984).

Because samples were derived from different geologic terranes and rock types, stream-sediment and pan-concentrate samples were segregated into two groups those from the metamorphic-plutonic Alexander terrane south and west of the Chilkat fault (Porcupine area), and those from the plutonic-volcanic Taku terrane north and east of the Chilkat fault (Haines-Klukwan area) (Monger and Berg, 1987). Anomalous values of stream-sediment samples were selected from natural breaks that generally fell between the 95th and 98th percentile on the histograms (table 1).

Bedrock samples were segregated into 11 major lithologic types within the two terranes (table 1). Because of the strong bias of bedrock samples toward mineralized specimens, anomalous bedrock values were generally selected on the basis of natural breaks at the upper end of the distribution of values (table 1). Thirty-five percent of all bedrock samples are anomalous in one or more elements, and most bedrock sample anomalies would be considered "highly anomalous" when compared to similar studies that have identified "weakly anomalous" and "distinctly" or "highly anomalous" values (Grybeck and others, 1984; Still and others, 1989). Bedrock float samples were not included in calculation of bedrock anomalies, and most would be anomalous in one or more elements when compared with in-place bedrock samples. As source indicators, bedrock float samples are plotted together with stream-sediment and pan-concentrate samples on sheet 1.

Because of the variation between individual laboratories and between analytical methods, there is considerable variation in detection limits within the sample population. However, lower detection limits for all elements analyzed, except gold, were far below anomaly threshold levels. Lower detection limits for gold varied from 0.001 to 0.1 ppm; thus, the threshold anomaly level for gold was arbitrarily set at 0.1 ppm for all samples. This level is higher than generally calculated for gold, and readers should examine tables 2-4 when assessing gold potential in the study area.

STREAM-SEDIMENT SAMPLES

In both the Porcupine and Haines-Klukwan parts of the study area about 6 percent of the stream-sediment samples are anomalous in gold (0.1 ppm or above). Anomalous samples are scattered throughout the study

[5]Histograms are on pages 58-75.

area, with minor concentrations in the Shakyseyi Creek area in the southern Takshanuk Mountains and near the Road Cut prospect on the Chilkat Peninsula (Still and others, 1991). However, there is a concentration of detected but nonanomalous gold from drainages with known placer production in the Porcupine area and near the Road Cut prospect on the Chilkat Peninsula (table 2, sheet 1).

The Porcupine area contains elevated background silver values when compared with the Haines-Klukwan area, resulting in significantly different anomalous threshold values in the two parts of the study area (fig. 3, table 1). In the Porcupine are, silver anomalies are generally scattered throughout the known placer-producing drainages, whereas the Haines-Klukwan area has a concentration of anomalies on the Chilkat Peninsula (table 2, sheet 1).

The Haines-Klukwan area exhibits significantly higher background copper values than the Porcupine area (fig. 4). Although widely scattered throughout the study area, anomalies tend to be concentrated in creeks in the Haines-Klukwan area that drain mafic metavolcanic bedrock (Gilbert and others, 1991) (table 2, sheet 1).

Lead is slightly elevated in stream-sediment samples in the Porcupine area compared to the Haines Klukwan area (fig. 5). Fourteen of seventeen lead anomalies are from the Klehini and upper Tsirku River drainages in the Porcupine area (table 2, sheet 1).

Compared to the Haines-Klukwan area, the Porcupine area has significantly elevated zinc values; its threshold zinc anomaly level is four times higher (table 1, fig. 6). About 10 percent of stream-sediment samples from the Porcupine area are anomalous in zinc. Zinc anomalies are concentrated in streams that drain fine-grained, argillaceous Paleozoic rocks (Gilbert and others, 1991) (table 2, sheet 1).

Cobalt concentrations from stream-sediment samples from the Porcupine and Haines-Klukwan parts of the study area are similar (fig. 7). Four percent of samples from the Porcupine area (mainly in the Klehini and upper Tsirku River drainages) are anomalous in cobalt, whereas about one percent from the Haines-Klukwan area are anomalous.

About one-half of the stream-sediment and pan-concentrate samples in the study area were analyzed for barium. Background barium values and anomaly threshold values are higher in the Porcupine area than in the Haines-Klukwan area (table 1, fig. 8). All barium anomalies are located in the Klehini and upper Tsirku River drainages in the Porcupine area (table 2, sheet 1).

BEDROCK SAMPLES

Bedrock geochemical samples were separated into 11 lithologic catagories, five found only in the Porcupine area (Alexander terrane), four found only in the Haines-Klukwan area (Taku terrane), and two found in both parts of the study area but located mainly in the Porcupine area (figs. 9-15). The strong bias of bedrock geochemical samples toward samples displaying mineralization has resulted in a bedrock population with average elemental values far above normal background levels and threshold anomaly levels above those previously calculated for these samples (Still and others, 1989).

In the Haines-Klukwan-Porcupine area, 68 of 896 bedrock samples (about 8 percent) are anomalous (above 0.1 ppm) in gold (table 4, figs. 9a-b). In the Haines-Klukwan area, however, about 28 percent of bedrock samples are anomalous in gold, primarily from mafic volcanic rocks and quartz veins in the southern Takshanuk Mountains the Chilkat Peninsula (table 4, sheet 2).

Bedrock samples from the Haines-Klukwan area are twice as likely to be anomalous in silver as those from the Porcupine area, largely because of the numerous mineralized quartz veins and plutonic rocks there (table 4, sheet 2, fig. 10b). In the Porcupine area the average background concentration of silver in argillaceous rocks is high, but quartz veins and carbonate-skarn samples yielded most of the silver anomalies (fig. 10a, table 4, sheet 2).

Background copper levels are higher for all lithologies in the Haines-Klukwan area than those in the Porcupine area (figs. 11a-b, table 1), and samples from Haines-Klukwan are three times as likely to be anomalous in copper. Samples anomalous in copper in the Haines-Klukwan area are primarily from quartz veins, plutonic rocks, and basalt (fig. 11b, table 4, sheet 2).

Background lead levels are slightly higher for rocks from the Porcupine area than for the Haines-Klukwan area; 60 of the 65 samples anomalous in lead are from the Porcupine area (figs. 12a-b, table 1). A large proportion of lead anomalies are from samples of felsic volcanic rocks and quartz veins (table 4, sheet 2).

Most lithologies from the Porcupine area exhibit markedly higher zinc background levels than do samples from the Haines-Klukwan area (figs. 13a-b, table 1). Except for ultramafic rocks in the Haines-Klukwan area, zinc anomalies are found in all litholgies (table 4, sheet 2).

There is little noticeable difference in background cobalt levels between samples from the Porcupine and Haines-Klukwan areas (table 1, figs. 14a-b). However, 68 of 70 samples anomalous in cobalt are scattered amoung various lithologies in the Porcupine area (table 4, sheet 2).

Seventy-seven percent of bedrock samples in the Haines-Klukwan-Porcupine area were analyzed for barium. Barium concentrations are elevated in felsic volcanic rocks, chert, and, in particular, argillaceous rocks from the Porcupine area (figs. 15a-b, table 1). Thirty-four of 36 samples anomalous in zinc are found in various lithologies in the Porcupine area (table 4, sheet 2).

CONCLUSION

The southern and western parts of the study area (Porcupine area) is underlain by metamorphic and plutonic rocks of the Alexander terrane and yields stream-sediment values higher in silver, lead, zinc, and barium than the northern and eastern parts of the study area. Bedrock samples in this area are also relatively enriched in lead, zinc, and barium. Stream-sediment and bedrock samples from the northern and eastern parts of the study area (Haines-Klukwan area), which is part of the volcanic-plutonic Taku terrane, are relatively enriched in copper. No clear diffference in gold and cobalt concentrations between the two terranes is suggested by stream-sediment-sample analyses, but a high proportion of bedrock samples samples from the Haines-Klukwan area are anomalous in gold and silver. The Porcupine area produces most bedrock samples anomalous in cobalt.

ACKNOWLEDGMENTS

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ABBREVIATIONS FOR TABULATED DATA
Table 2-6

METHOD ANALYZED BY

a - U.S. Bureau of Mines, Reno Research Center, Reno, Nevada
b - ADGGS Geochemistry Laboratory, Fairbanks, Alaska
c - Bondar-Clegg & Company Ltd., Lakewood, Colorado
bc- ADGGS Geochemistry Laboratory, Fairbanks, Alaska, and Bondar-Clegg & Company Ltd., Lakewood, Colorado
d - X-Ray Assay Laboratories, Ontario, Canada

Highest values are underlined
N-not detected
(-)not analyzed

SAMPLE TYPE

Queried where uncertain

AA - Argillaceous rocks, Porcupine area
CA - Carbonate rocks and skarns, Porcupine area (one sample from Haines-Klukwan area)
CAS - Carbonates and skarn
CH - Chert, Porcupine and Haines-Klukwan area
FA - Fault gouge
GO - Gossan
PA - Plutonic rocks, Porcupine area (Alexander terrane)
PC - Panned-concentrate
PT - Plutonic rocks, Haines-Klukwan area (Taku terrane)
QU - Quartz veins
SC - Schist
SS - Stream-sediment samples
SSE - Stream-sediment samples, Haines-Klukwan area
SU - Sulfide sample
UM - Ultramafic rocks, Haines-Klukwan area
VB - Basalt and amphibolite, Haines-Klukwan area
VBA - Amphibolite
VF - Felsic volcanic and metavolcanic rocks, Porcupine area
VM - Mafic volcanic and metavolcanic rocks, Porcupine area

Table 2. *Stream-sediment samples, Haines-Klukwan-Porcupine area*

(All values in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
1	AJ8WV1888	c	SS	N	N	29	8	50	3	740	
2	AJ8WV1887	c	SS	0.015	0.10	21	8	40	1	640	
3	AJ8SV1053	c	SS	0.172	0.10	28	10	53	7	110	
4	AJ8SV1054	c	SS	N	0.20	38	13	101	11	730	
5	AJ6GV2891	c	SS	N	0.30	73	15	220	20	850	
6	AJ8SV1055	c	SS	0.013	0.20	44	9	89	6	760	
7	AJ6GV2880	c	SS	N	N	38	6	49	7	170	
8	AJ8SV1056	c	SS	0.018	0.10	44	9	62	7	210	
9	AJ8SV1057	c	SS	N	0.20	66	6	64	8	690	
10	AJ6GV2879	c	SS	N	N	67	6	70	11	620	
11	AJ7SV628	c	SS	N	0.10	46	6	80	9	-	
12	AJ7WV1753	c	SS	N	0.20	50	9	92	-	-	
13	AJ7SV627	c	SS	N	0.20	42	6	80	9	-	
14	AJ8SV1058	c	SS	<.005	0.20	57	6	86	12	550	
15	AJ8SV1059	c	SS	0.005	0.20	57	6	98	13	450	
16	AJ6GV2878	c	SS	N	0.20	49	6	91	11	620	
17	AJ6GV2877	c	SS	N	0.20	46	6	111	10	600	
18	AJ6GV2821	c	SS	N	N	64	4	67	12	340	
19	AJ6GV2876	c	SS	N	N	61	5	90	16	510	
20	AJ8SV1030	c	PC	0.070	N	44	7	72	10	590	
20	AJ5SV036	c	PC	N	N	32	11	69	9	-	
21	AJ5SV033	c	SS	N	0.02	96	11	94	23	-	
22	AJ5SV034	c	SS	0.010	0.30	69	21	172	18	-	
23	AJ5SV032	c	SS	N	0.20	90	17	101	20	-	
24	AJ5JV2626	c	SS	N	N	25	4	60	6	340	
24	AJ5WV1504	c	SS	N	N	31	3	53	12	370	
25	AJ6GV2873	c	SS	N	0.40	42	8	83	20	930	
26	AJ5GV2687	c	SS	N	N	97	15	109	25	530	
27	AJ5GV2627	c	SS	0.125	N	41	12	93	12	650	
27	AJ5WV1503	c	SS	N	N	83	10	110	20	530	
28	AJ5WV1501	c	SS	N	N	68	9	113	18	370	
29	3S231	a	SS	N	0.56	51	N	120	30	N	
30	AJ7GV6170	c	SS	N	N	66	3	305	28	920	
31	AJ6SV484	c	SS	0.005	N	59	6	133	25	1000	
32	AJ6GV2874	c	SS	N	N	63	8	218	28	1080	
33	3S094	a	SS	0.047	N	100	100	170	71	-	
34	3S096	a	SS	0.068	N	99	99	170	70	-	
34	3S098	a	SS	N	N	110	110	140	73	-	
35	AJ5WV845	c	SS	N	N	89	25	140	28	390	
36	AJ5WV846	c	SS	0.180	N	77	21	189	21	550	
37	AJ5WV847	c	SS	N	N	99	12	184	23	390	

Table 2. *Stream-sediment samples, Haines-Klukwan-Porcupine area*—Continued

(All values in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	PB	Zn	Co	Ba	COMMENTS
38	AJ5WV849	c	SS	N	N	81	19	165	31	610	
39	AJ5WV850	c	SS	N	N	68	28	219	20	420	
40	3S016	a	SS	N	N	76	N	110	21	-	
41	3S014	a	SS	N	N	78	N	32	22	-	
42	3S012	a	SS	N	N	91	N	N	32	-	
43	3S011	a	SS	N	N	75	N	34	20	-	
44	3S017	a	SS	N	N	85	65	56	25	-	
45	84WG193	b	SS	N	N	56	17	140	13	580	
46	84WG173	b	SS	N	N	49	17	130	17	540	
47	AJ5SV318	c	PC	0.240	N	46	42	87	14	690	
47	AJ5SV323	c	SS	N	0.30	39	86	175	19	610	
48	84WG178	b	SS	N	N	74	24	190	48	600	
49	AJ5SV324	c	SS	0.020	0.40	160	132	239	34	780	
50	84WG182	b	SS	N	N	100	20	250	42	540	
51	84WG185	b	SS	N	N	79	17	150	21	540	
52	3S039	a	SS	0.016	N	89	N	100	29	-	
53	3S041	a	SS	N	0.47	110	N	40	25	-	
54	3S042	a	SS	0.023	0.38	96	N	23	21	-	
55	3S044	a	SS	N	0.45	120	N	3	28	-	
56	3S046	a	SS	0.296	N	110	N	47	24	-	
57	3S048	a	SS	6.250	N	110	N	44	24	-	
58	3S090	a	SS	1.151	N	90	97	130	54	-	
59	3S087	a	SS	N	N	110	90	68	49	-	
59	3S089	a	SS	N	N	110	100	82	52	-	
60	3S056	a	SS	0.016	1.28	66	N	200	32	-	
61	3S050	a	SS	0.581	N	55	N	62	21	-	
62	AJ7SV589	c	SS	N	5.00	53	8	320	15	1620	
63	AJ5SV010	c	SS	N	0.20	15	16	73	9	1000	
64	3S165	a	SS	N	N	84	20	160	58	300	
65	3S166	a	SS	N	N	38	N	140	46	300	
66	3S167	a	SS	N	N	41	24	200	55	300	
67	3S168	a	SS	N	N	79	41	230	44	500	
68	3S169A	a	SS	N	N	46	N	170	35	100	
69	3S169	a	SS	N	N	60	23	250	32	200	
70	3S170	a	SS	N	N	48	-	-	29	100	
71	3S131	a	SS	N	N	86	16	200	47	800	
72	3S135	a	SS	N	N	75	24	220	41	500	
73	3S171	a	SS	N	N	79	32	180	54	200	
74	AJ6GV2977	c	SSE	N	N	24	3	5200	162	1000	Fe-St seep
75	3S219	a	SS	N	N	60	N	64	24	-	
75	3S220	a	SS	0.406	N	56	N	51	23	-	
76	AJ6WV1622	c	SS	N	0.20	62	4	107	23	710	
77	AJ5BV2520	c	SS	0.130	0.20	57	23	318	11	-	
78	3S026	a	SS	N	N	71	200	270	37	-	
79	3S027	a	SS	0.022	0.39	110	38	490	26	-	
80	3S029	a	SS	0.101	N	76	39	140	44	-	
81	3S031	a	SS	N	N	84	55	150	49	-	
82	3S032	a	SS	0.033	N	79	43	140	43	-	

Table 2. *Stream-sediment samples, Haines-Klukwan-Porcupine area*–Continued

(All values in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
83	3S034	a	SS	0.013	N	78	N	120	35	-	
84	AJ5BV2512	c	SS	0.040	0.50	63	24	237	23	-	
85	AJ5BV2513	c	SS	N	0.40	66	14	223	21	-	
86	3S035	a	SS	0.047	N	69	N	130	35	-	
87	AJ5BV2511	c	SS	0.005	0.40	49	21	238	24	-	
88	3S 256	a	SS	N	3.75	19	39	N	11	N	
88	3S 257	a	SS	N	0.82	28	73	N	32	300	
89	4S203	a	SS	0.148	N	50	24	180	51	880	
90	4S204	a	SS	N	N	45	17	120	16	1020	
91	4S205	a	SS	N	N	32	N	100	10	960	
92	4S206	a	SS	0.008	N	35	N	100	9	1080	
93	AJ5SV293	c	SS	N	N	32	8	32	18	190	
94	AJ5SV171	c	SS	N	0.30	53	3	89	12	920	
95	AJ5GV2601	c	SS	N	N	33	3	92	3	650	
96	AJ5SV170	c	SS	N	N	38	7	82	13	670	
97	AJ5SV167	c	SS	N	N	49	11	98	20	800	
98	AJ5SV169	c	PC	N	N	21	6	51	13	200	
99	AJ5SV165	c	SS	N	N	52	12	109	16	740	
100	AJ5SV163	c	SS	N	0.20	51	11	128	15	730	
101	AJ7WV1749	c	SS	N	0.10	54	2	93	12	-	
102	AJ5GV2599	c	SS	N	N	45	4	102	4	790	
103	AJ5GV2598	c	SS	0.015	N	36	7	233	5	990	
104	AJ5GV2600	c	SS	N	N	45	5	223	7	760	
105	AJ5SV161	c	SS	N	0.20	41	7	96	12	730	
106	AJ5SV159	c	SS	N	0.30	41	6	99	13	840	
107	AJ5SV037	c	PC	N	0.20	36	16	92	11	3000	
107	AJ5SV038	c	SS	N	0.30	60	14	143	12	3000	
107	AJ5SV039	c	SS	N	0.30	15	10	113	12	4000	
107	AJ5SV040	c	PC	N	0.20	42	12	124	10	3000	
108	AJ5BV2507	c	SS	0.010	1.30	98	23	900	35	-	
109	AJ5SV157	c	SS	N	0.20	50	10	115	11	890	
110	AJ5SV018	c	SS	N	0.20	72	18	181	19	2000	
110	AJ5SV020	c	SS	N	0.30	54	17	130	12	2000	
111	AJ5BV2508	c	SS	0.030	1.00	69	13	975	30	-	
112	AJ5BV2509	c	SS	0.050	1.00	67	19	780	21	-	
113	AJ5BV2517	c	SS	0.005	0.20	42	20	261	11	-	
114	3S254	a	SS	N	N	43	N	140	30	800	
115	AJ5SV173	c	SS	0.225	N	23	9	27	14	190	
116	AJ5SV175	c	SS	0.070	N	27	12	24	12	230	
117	84WG219	b	SS	0.033	N	22	N	110	61	300	
118	84WG220	b	SS	0.023	N	29	17	110	62	210	
119	AJ5SV177	c	SS	0.015	0.20	23	5	24	12	250	
120	84WG221	b	SS	N	N	21	N	100	61	260	
121	84WG179	b	SS	0.065	N	26	9	27	15	220	
121	84WG223	b	SS	0.021	N	23	N	120	69	310	
122	AJ5SV181	c	SS	0.025	0.20	24	7	34	18	270	
123	AJ5SV236	c	SS	0.010	N	31	3	68	17	440	
124	AJ5SV242	c	SS	0.015	0.70	86	10	383	43	1280	

Table 2. *Stream-sediment samples, Haines-Klukwan-Porcupine area*—Continued

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	(All values in ppm) Au	Ag	Cu	PB	Zn	Co	Ba	COMMENTS
125	AJ5SV245	c	SS	0.100	0.20	39	5	555	21	820	
126	AJ5SV248	c	SS	0.015	0.30	45	4	243	17	1030	
127	AJ5SV250	c	SS	0.035	0.20	47	4	244	15	1090	
128	AJ5BV2505	c	SS	0.050	0.60	71	17	367	15	-	
129	AJ5SV183	c	SS	0.015	0.60	62	13	371	14	1430	
130	AJ5BV2518	c	SS	0.035	1.60	87	14	415	30	-	
131	AJ5BV2506	c	SS	N	0.40	69	17	590	17	-	
132	AJ5SV234	c	SS	0.015	0.40	92	11	710	24	1940	
133	AJ5GV2597	c	SS	0.030	N	14	5	26	3	340	
134	AJ5WV984	c	SS	0.055	N	19	13	130	25	-	
135	AJ5WV987	c	SS	0.010	N	17	N	45	6	510	
136	AJ5WV988	c	SS	0.005	N	74	3	545	14	2400	
137	AJ5WV990	c	SS	N	N	27	3	97	10	770	
138	AJ5WV992	c	SS	0.010	0.20	41	14	177	12	980	
139	AJ5WV818	c	SS	N	N	46	6	229	15	1000	
140	AJ5WV816	c	SS	0.020	N	44	7	210	14	-	
141	4S 133	a	SS	0.058	N	59	N	290	57	1260	
142	4S 138	a	SS	0.031	N	33	N	200	18	920	
143	4S192A	a	SS	0.028	N	31	N	240	22	1020	
143	4S193A	a	SS	0.048	N	45	20	310	47	950	
144	AJ7WV1731	c	SS	0.068	0.60	120	8	4700	-	-	
144	AJ7WV1732	c	PC	0.240	1.20	49	7	240	-	-	
145	AJ5SV003	c	SS	N	N	55	16	410	19	6000	
146	3S251	a	SS	N	N	38	N	250	N	500	
147	3S250	a	SS	N	N	43	N	490	30	400	
148	AJ5SV004	c	SS	0.020	0.20	17	15	765	3	100	
149	3S249	a	SS	0.092	N	32	N	1810	N	N	
150	3S248	a	SS	N	1.13	43	N	760	N	400	
151	AJ5WV951	c	SS	0.030	N	56	15	92	19	590	
151	AJ5WV952	c	PC	N	N	89	10	158	21	830	
152	3S245	a	SS	N	4.90	-	-	-	-	100	
153	AJ5BV2516	c	SS	N	0.20	88	14	223	24	-	
154	3S252	a	SS	N	N	35	N	150	35	200	
155	AJ5BV2514	c	SS	N	N	43	16	127	18	-	
156	AJ5BV2515	c	SS	N	0.20	53	21	166	19	-	
157	3S243	a	SS	N	N	43	N	140	30	600	
157	AJ5SV048	c	PC	N	0.30	26	18	80	11	2000	
158	AJ5GV2659	c	SS	N	0.30	36	7	227	16	1180	
159	AJ5GV2660	c	SS	N	0.20	35	11	248	19	1420	
160	AJ6SV432	c	SS	N	0.60	82	10	700	18	2200	
161	AJ7WV1751	c	SS	N	0.50	80	8	740	22	-	
162	AJ5SV225	c	SS	0.020	0.70	99	13	730	16	2220	
163	84ER123	b	SS	N	0.49	100	24	790	71	1770	
164	84ER122	b	SS	N	0.40	64	N	340	21	1930	
165	AJ6SV430	c	SS	N	0.20	52	5	114	18	540	
166	AJ5WV973	c	SS	0.020	0.20	63	3	110	21	290	
167	84ER115	b	SS	0.032	N	78	N	470	61	1150	
168	3S143	a	SS	N	0.36	77	N	210	59	400	

Table 2. *Stream-sediment samples, Haines-Klukwan-Porcupine area*–Continued

(All values in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	PB	Zn	Co	Ba	COMMENTS
169	3S073	a	SS	N	N	64	N	92	29	-	
170	3S074	a	SS	N	N	42	N	N	23	-	
171	AJ8SV1048	c	SS	N	0.20	43	14	550	13	580	
172	AJ6GV2870	c	SSE	N	0.20	12	12	1525	5	150	Fe-St seep
173	4S069	a	SS	N	N	22	N	240	30	590	
173	4S070	a	SS	N	N	6	N	78	22	300	
173	4S071	a	SS	N	N	110	53	800	65	2800	
174	4S075	a	SS	N	10.00	120	N	780	33	780	
175	4S076	a	SS	N	0.76	78	N	400	22	1640	
176	4S078	a	SS	N	N	92	22	350	44	1400	
177	4S080	a	SS	N	1.30	65	N	320	22	1310	
178	4S083	a	SS	N	0.86	49	N	190	25	940	
179	4S085	a	SS	N	0.66	65	30	270	52	1050	
180	4S087	a	SS	N	0.84	63	N	230	29	1040	
181	AJ5SV206	c	SS	N	N	58	13	137	16	700	
182	AJ5SV207	c	SS	N	0.30	54	9	127	14	630	
183	AJ5SV209	c	SS	N	0.40	62	10	160	19	820	
184	AJ5SV210	c	SS	0.005	0.20	58	6	191	16	850	
185	AJ5SV296	c	SS	0.015	N	29	10	48	10	400	
186	AJ5SV297	c	SS	0.160	N	32	12	55	13	650	
187	AJ5SV212	c	SS	0.005	0.80	96	17	540	19	1780	
188	4S183	a	SS	2.504	0.35	51	24	240	48	830	
189	AJ5SV295	c	PC	N	N	36	8	190	11	1690	
190	AJ5SV298	c	SS	N	N	37	13	80	14	480	
191	AJ5SV294	c	PC	N	1.30	38	80	211	10	1130	
192	AJ5SV299	c	SS	0.005	N	39	13	77	15	550	
193	4S182	a	SS	0.039	N	51	N	140	6	830	
194	4S181	a	SS	N	N	40	N	240	13	1060	
195	AJ5SV300	c	SS	0.010	N	68	25	190	23	410	
196	AJ5WV998	c	SS	0.025	N	39	8	40	26	260	
197	AJ6SV517	c	SS	N	N	98	6	115	17	170	
198	84ER208	b	SS	N	N	37	N	120	22	1370	
199	AJ5SV235	c	SS	0.005	0.40	61	7	234	16	1820	
200	4S180	a	SS	N	N	45	N	260	16	2210	
201	84WG225	b	SS	0.010	0.69	110	24	1000	35	1680	
202	84WG226	b	SS	0.007	N	32	N	120	51	540	
203	AJ6GV2977	c	SSE	N	N	24	3	5200	162	1000	FE-ST SEEP
204	4S179B	a	PC	0.027	N	87	38	400	57	2200	
204	4S179A	a	SS	N	N	100	N	460	72	1860	
205	AJ5SV344	c	SS	N	1.10	131	52	800	21	-	
206	AJ5WV976	c	SS	N	N	25	3	39	2	560	
207	AJ5WV993	c	SS	0.005	N	9	12	48	N	140	
208	AJ5SV226	c	SS	0.010	1.20	103	8	1190	15	1950	
209	AJ5SV227	c	SS	N	N	9	11	1150	N	170	
210	AJ6GV2870	c	SSE	N	0.20	12	12	1525	5	150	FE-ST SEEP
211	AJ5GV2632	c	SS	N	0.60	110	13	1100	7	1920	
212	AJ6SV390	c	SS	N	0.50	50	12	19400	65	1300	
213	AJ6GV2871	c	SSE	N	0.60	29	28	>20000	237	-	JUST BELOW FE-ST SEEP

Table 2. *Stream-sediment samples, Haines-Klukwan-Porcupine area*—Continued

(All values in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	PB	Zn	Co	Ba	COMMENTS
214	AJ5GV2631	c	SS	N	0.60	78	33	1620	13	1000	
215	AJ5GV2630	c	SS	N	0.40	102	13	850	9	2200	
216	AJ5WV857	c	SS	0.005	0.40	84	14	570	16	1680	
217	AJ5WV975	c	SS	N	0.50	70	10	535	14	1660	
218	AJ6SV461	c	SS	N	0.30	83	13	322	29	820	
219	AJ5WV974	c	SS	0.025	0.30	44	8	385	16	-	
220	AJ5GV2658	c	SS	N	N	86	17	106	26	710	
221	AJ6GV2896	c	SS	N	0.30	43	8	254	16	720	
222	AJ5SV185	c	SS	N	0.30	86	9	67	7	610	
223	AJ5SV186	c	SS	0.005	0.30	72	12	132	11	790	
224	AJ5SV188	c	SS	0.005	0.20	75	3	124	9	940	
225	AJ5SV189	c	SS	N	N	29	8	63	8	1170	
226	AJ5SV191	c	SS	N	N	12	12	27	2	90	
227	AJ5GV2633	c	SS	N	N	43	10	119	3	80	
227	AJ5SV192	c	SS	N	N	60	9	163	20	860	
228	AJ5SV284	c	SS	N	N	138	12	188	29	340	
229	AJ5SV193	c	SS	N	0.20	69	7	119	18	510	
229	AJ5SV285	c	SS	N	N	62	8	123	18	460	
230	AJ5SV194	c	SS	N	N	84	6	111	20	440	
231	AJ5GV2661	c	SS	N	N	187	11	105	42	280	
232	AJ5SV197	c	SS	0.005	0.20	65	8	131	15	520	
233	AJ5SV282	c	SS	0.005	N	118	14	131	36	330	
234	AJ5GV2684	c	SS	N	N	84	6	90	18	340	
235	AJ6GV2875	c	SS	N	0.30	41	10	83	14	520	
236	AJ5GV2685	c	SS	0.005	0.30	101	9	153	16	250	
237	AJ6GV2898	c	SS	N	0.30	86	7	300	21	550	
238	AJ6GV2897	c	SS	N	0.30	101	11	162	21	420	
239	AJ5GV2686	c	SS	0.005	N	68	6	143	19	470	
240	AJ6SV436	c	SS	N	N	43	16	54	16	420	
241	AJ5WV999	c	SS	0.010	N	36	5	51	33	240	
242	AJ6SV437	c	SS	N	0.20	72	12	250	13	930	
243	AJ6SV438	c	SS	N	0.40	85	13	256	13	1200	
244	AJ5WV829	c	SS	N	N	25	4	36	13	-	
245	AJ5GV2657	c	SS	0.055	N	27	6	50	17	590	
246	AJ6SV439	c	SS	N	N	12	4	32	9	540	
247	AJ6SV440	c	SS	N	N	20	7	36	5	510	
248	AJ6SV441	c	SS	N	N	17	15	30	6	500	
249	AJ5WV832	c	SS	0.020	N	35	6	47	9	570	
250	AJ5WV833	c	SS	N	N	22	5	32	10	-	
251	AJ6GV2829	c	SS	0.100	N	25	2	27	10	330	
252	AJ6GV2974	c	SS	N	N	21	2	44	6	1440	
253	AJ6GV2828	c	SS	N	N	24	8	179	6	1710	
254	AJ6GV2826	c	SS	N	N	4	5	37	3	640	
255	AJ6GV2827	c	SS	N	N	5	4	23	2	570	
256	AJ6GV2825	c	SS	N	N	5	2	21	3	600	
257	SSR073	b	SS	N	N	24	6	46	10	-	
258	AJ6GV2822	c	SS	N	N	10	4	18	2	640	
259	AJ6GV2823	c	SS	N	N	12	2	25	4	580	

Table 2. *Stream-sediment samples, Haines-Klukwan-Porcupine area*–Continued

(All values in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
260	AJ6GV2824	c	SS	N	N	41	2	25	11	200	
261	AJ6GV2975	c	SS	N	N	21	4	45	9	300	
262	AJ7GV6171	c	SS	N	N	18	2	48	11	240	
263	AJ7WV1722	c	SS	N	N	59	4	55	16	-	
264	AJ7WV1765	c	SS	N	0.20	75	5	76	28	130	
265	AJ7SV653	c	SS	N	0.20	79	7	75	15	170	
266	AJ7GV6180	c	SS	N	N	72	4	78	25	140	
267	AJ7GV6172	c	SS	N	0.10	64	3	48	19	130	
268	AJ7GV6173	c	SS	N	0.10	58	3	46	23	200	
269	AJ7GV6174	c	SS	N	N	21	3	24	10	160	
270	AJ7GV6175	c	SS	N	N	4	N	23	5	210	
271	AJ7GV6176	c	SS	N	N	53	N	42	21	160	
272	AJ7GV6177	c	SS	N	N	62	5	88	25	230	
273	AJ7GV6178	c	SS	N	0.10	66	2	54	31	110	
274	AJ7GV6179	c	SS	N	N	44	8	84	19	240	
275	AJ6GV2819	c	SS	N	0.20	79	5	71	19	680	
276	AJ6GV2820	c	SS	N	N	125	4	61	18	270	
277	AJ6GV2872	c	SS	N	N	224	3	134	33	160	
278	AJ6GV2899	c	SS	N	N	117	N	56	16	370	
279	AJ6SV403	c	SS	N	N	187	2	65	23	200	
280	AJ6GV2976	c	SS	N	N	120	5	78	13	310	
281	AJ5GV2651	c	SS	0.003	0.80	26	301	74	5	860	
282	AJ6SV412	c	SS	N	N	22	N	28	3	700	
283	AJ6SV411	c	SS	N	N	66	N	57	7	490	
284	AJ6GV2980	c	SS	N	N	22	N	31	3	790	
285	AJ6GV2978	c	SS	N	N	76	4	78	8	630	
286	AJ6GV2979	c	SS	N	N	152	2	67	12	230	
287	AJ5GV2653	c	SS	N	N	37	10	35	11	810	
288	AJ5GV2652	c	SS	N	N	27	26	36	5	720	
289	AJ6GV2895	c	SS	N	N	32	3	61	5	860	
290	AJ6GV2894	c	SS	N	N	23	3	44	5	940	
291	AJ5GV2655	c	SS	N	N	23	11	27	5	680	
292	2S 264	a	SS	N	N	35	3	48	5	480	
293	2S 262	a	SS	N	N	39	3	50	6	450	
294	2S 081	a	SS	N	0.10	77	26	70	8	320	
295	AJ6GV2892	c	SS	N	N	77	4	57	9	510	
296	AJ6GV2893	c	SS	N	N	36	2	65	6	870	
297	2S 079	a	SS	N	N	67	9	52	6	450	
298	1S 185	a	SS	N	N	79	5	48	6	400	
299	AJ5GV2656	c	SS	N	N	66	13	47	10	540	
300	2S 074	a	SS	N	N	122	3	54	10	160	
301	1S 182	a	SS	0.070	0.40	413	2	32	20	20	
302	2S 191	a	SS	N	N	105	3	50	22	N	
303	2S 012	a	SS	N	N	53	4	64	32	N	
304	2S 015	a	SS	0.070	N	38	4	50	35	N	
305	1S 227	a	SS	N	N	154	2	38	21	N	
306	2S 111	a	SS	N	0.10	175	3	40	24	N	
307	1S 023	a	SS	N	N	88	2	42	24	N	

Table 2. *Stream-sediment samples, Haines-Klukwan-Porcupine area*–Continued

(All values in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
308	1S 029	a	SS	N	N	118	6	38	26	N	
309	1S 187	a	SS	N	N	157	56	36	19	N	
310	2S 269	a	SS	N	N	77	3	46	8	250	
311	AJ5GV2654	c	SS	0.005	N	46	13	32	6	270	
312	2S 271	a	SS	N	N	60	3	34	6	210	
313	AJ6SV447	c	SS	N	0.20	93	2	63	13	200	
314	2S 162	a	SS	N	N	98	2	48	6	460	
315	SSR053	b	SS	N	N	22	1	37	N	-	
316	SPE008	b	PC	N	N	44	5	74	31	-	
316	SSE062	b	SS	N	N	34	3	42	N	-	
317	SSH105	b	SS	N	0.10	25	N	23	N	-	
318	SSE063	b	SS	N	N	99	4	41	N	-	
319	SSR065	b	SS	N	0.10	69	2	47	N	-	
320	SSR064	b	SS	N	N	71	1	52	N	-	
321	SSR063	b	SS	N	0.10	60	1	44	N	-	
322	SSR061	b	SS	N	0.10	399	1	28	21	-	
323	SSR062	b	SS	N	0.10	61	1	53	N	-	
324	SPR005	b	PC	N	N	79	5	39	15	-	
324	SSR060	b	SS	N	0.10	134	1	51	14	-	
325	SSR056	b	SS	N	N	22	1	24	N	-	
326	SSR070	b	SS	N	N	95	1	75	12	-	
327	SSR069	b	SS	N	N	18	N	35	N	-	
328	SSR067	b	SS	N	0.10	45	1	60	N	-	
329	SSR068	b	SS	N	0.10	44	1	58	N	-	
330	SSH053	b	SS	N	N	41	2	60	N	-	
331	SSC001	b	SS	N	N	33	5	64	N	-	
332	SSH104	b	SS	N	N	14	N	20	N	-	
333	SSH086	b	SS	N	N	28	2	46	N	-	
334	SSR041	b	SS	N	N	21	2	23	N	-	
335	SSR074	b	SS	N	N	23	5	69	N	-	
336	SSH085	b	SS	N	N	11	2	30	N	-	
337	SPR003	b	PC	N	N	33	N	57	N	-	
337	SSR042	b	SS	N	N	16	3	38	N	-	
338	SPE006	b	PC	N	N	48	N	234	34	-	
338	SSR043	b	SS	N	N	42	4	35	N	-	
339	SSE076	b	SS	N	N	15	2	33	N	-	
340	SSE075	b	SS	N	N	17	2	35	N	-	
341	SSH084	b	SS	N	N	12	2	32	N	-	
342	SSE074	b	SS	N	N	17	2	36	N	-	
343	SSH083	b	SS	N	N	28	4	53	N	-	
344	SSE073	b	SS	N	0.10	56	3	42	N	-	
345	SPH009	b	PC	N	N	74	5	196	31	-	
346	SSH054	b	SS	N	N	27	4	43	N	-	
347	SSH088	b	SS	N	N	25	3	36	N	-	
348	SSH055	b	SS	N	N	18	3	35	N	-	
349	SSE077	b	SS	N	N	20	2	46	N	-	
350	SSH087	b	SS	N	N	16	2	30	N	-	
351	SSR040	b	SS	N	N	22	N	31	N	-	

Table 2. *Stream-sediment samples, Haines-Klukwan-Porcupine area*–Continued

(All values in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
352	SSH056	b	SS	N	N	17	5	40	N	-	
353	SSH057	b	SS	N	N	20	2	31	N	-	
354	SSR072	b	SS	N	N	13	1	40	N	-	
355	SSR071	b	SS	N	N	10	1	29	N	-	
356	SSH082	b	SS	N	N	9	2	27	N	-	
357	SSH058	b	SS	N	N	56	12	154	17	-	
358	SSE032	b	SS	N	N	15	3	47	N	-	
359	SSE031	b	SS	N	N	13	3	36	N	-	
360	SSE030	b	SS	N	N	10	2	33	N	-	
361	SSE029	b	SS	N	N	9	2	32	N	-	
361	AJ7WV1701	c	SS	0.206	N	6	N	21	-	-	
362	SSR021	b	SS	N	N	17	17	50	N	-	
363	SSR020	b	SS	N	N	23	7	36	N	-	
364	SSR019	b	SS	N	N	30	5	42	N	-	
365	SSR018	b	SS	N	N	15	4	43	N	-	
366	SSR017	b	SS	N	N	20	4	43	N	-	
367	SSE065	b	SS	N	0.10	88	5	36	N	-	
368	SSR003	b	SS	N	0.20	204	N	46	14	-	
369	SSH108	b	SS	N	N	228	2	44	12	-	
370	SSH092	b	SS	N	N	242	2	43	N	-	
371	SSH015	b	SS	N	0.10	396	4	52	11	-	
372	SSR058	b	SS	N	N	190	5	35	N	-	
373	SSE010	b	SS	N	0.10	161	7	46	N	-	
374	SSE008	b	SS	N	0.10	226	6	61	12	-	
375	SSE009	b	SS	N	0.10	560	8	81	12	-	
376	SSE007	b	SS	N	0.10	281	10	67	13	-	
377	AJ7WV1781	c	SS	N	N	12	2	50	1	-	
378	AJ7WV1780	c	SS	N	N	5	3	24	N	-	
379	SSE023	b	SS	N	N	23	5	37	N	-	
380	SSE022	b	SS	N	N	48	5	31	N	-	
381	SSE021	b	SS	N	N	90	3	35	N	-	
382	SSE020	b	SS	N	N	107	2	51	N	-	
383	SSE019	b	SS	N	N	89	4	86	N	-	
383	AJ7WV1700	c	SS	N	0.10	82	N	30	-	-	
384	SSH046	b	SS	N	0.10	135	5	27	N	-	
385	SSH045	b	SS	N	0.10	111	3	23	N	-	
386	SSH043	b	SS	N	N	114	2	21	N	-	
387	SSH042	b	SS	N	N	135	5	38	N	-	
388	SSH041	b	SS	N	N	91	3	18	N	-	
389	SSH040	b	SS	N	N	115	3	27	N	-	
389	AJ7WV1698	c	SS	N	N	128	N	30	-	-	
389	AJ7WV1699	c	PC	N	N	92	N	42	-	-	
390	AJ7WV1697	c	SS	N	N	225	N	42	-	-	
391	SSR002	b	SS	N	0.10	144	5	45	12	-	
392	SSE006	b	SS	N	N	137	2	53	N	-	
393	SSR001	b	SS	N	N	110	6	55	N	-	
394	SSE005	b	SS	N	N	336	2	59	N	-	
395	SSE004	b	SS	N	N	74	2	53	N	-	

Table 2. *Stream-sediment samples, Haines-Klukwan-Porcupine area*–Continued

(All values in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
396	AJ7WV1696	c	SS	N	0.10	91	6	50	-	-	
396	AJ8WV1861	c	SS	N	N	71	3	58	7	710	
397	AJ7WV1805	c	SS	0.171	0.10	148	3	42	8	220	
398	AJ7SV1002	c	SS	N	0.50	320	8	104	11	240	
399	SSE064	b	SS	N	N	187	4	33	N	-	
400	SSH018	b	SS	N	0.20	73	4	50	N	-	
401	AJ7SV0669	c	SS	N	0.20	125	3	38	8	320	
402	AJ7WV1778	c	SS	0.343	0.10	62	14	91	6	-	
403	SST006	b	SS	N	0.10	91	5	53	N	-	
404	SST005	b	SS	N	N	114	3	35	N	-	
405	SSR057	b	SS	N	N	74	3	32	N	-	
406	SST004	b	SS	N	N	136	3	39	N	-	
407	SPH001	b	PC	N	N	59	7	50	16	-	
407	SSE006	b	SS	N	0.10	177	N	72	16	-	
408	AJ7WV1695	c	SS	0.137	N	99	N	46	-	-	
408	AJ8SV1032	c	SS	0.014	0.10	95	3	56	8	390	
409	SSE067	b	SS	N	N	45	3	94	N	-	
410	SSE068	b	SS	N	0.10	159	3	74	N	-	
411	SSH091	b	SS	N	N	181	3	29	N	-	
412	SSE071	b	SS	N	N	483	1	25	12	-	
413	SSE072	b	SS	N	0.10	224	N	19	N	-	
414	SSE070	b	SS	N	N	294	1	21	N	-	
415	SSE069	b	SS	N	0.10	333	N	22	N	-	
416	SSH005	b	SS	N	N	129	N	47	N	-	
417	SSH004	b	SS	N	N	128	2	44	N	-	
418	SSH003	b	SS	N	0.10	101	2	48	N	-	
419	SSE001	b	SS	N	N	41	10	60	N	-	
420	SSH002	b	SS	N	N	87	2	48	N	-	
421	SSH001	b	SS	N	N	40	N	29	N	-	
421	AJ7WV1694	c	SS	N	0.10	96	2	42	-	-	
422	SSH107	b	SS	N	N	202	20	47	13	-	
423	AJ8SV1098	c	SS	0.013	N	276	7	64	25	30	
424	SSH012	b	SS	N	0.20	245	1	51	17	-	
425	SSH011	b	SS	N	0.10	130	8	71	10	-	
426	SSH010	b	SS	N	0.10	114	5	64	N	-	
427	SSH008	b	SS	N	0.10	83	2	37	N	-	
427	AJ7WV1693	c	SS	N	0.10	91	N	42	-	-	
428	SSH013	b	SS	N	0.10	47	N	33	N	-	
429	SSH014	b	SS	N	0.10	46	4	76	N	-	
429	AJ7WV1692	c	SS	N	N	97	4	55	-	-	
430	SSE014	b	SS	N	N	305	5	56	25	-	
431	SSE013	b	SS	N	N	245	N	52	25	-	
432	SSE012	b	SS	N	N	248	N	55	25	-	
433	SPH003	b	PC	N	0.10	174	N	40	24	-	
433	SSE011	b	SS	N	N	253	N	55	24	-	
433	AJ7WV1690	c	SS	N	N	235	N	55	-	-	
433	AJ7WV1691	c	PC	N	N	210	N	82	-	-	
434	SSH009	b	SS	N	N	30	17	17	N	-	

Table 2. *Stream-sediment samples, Haines-Klukwan-Porcupine area*–Continued

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
				(All values in ppm)							
435	AJ8SV1068	c	SS	0.015	0.10	337	5	59	32	N	
436	AJ8SV1090	c	PC	N	N	35	9	32	8	250	BEACH SAND
436	AJ8SV1091	c	PC	N	N	36	9	33	7	330	BEACH SAND
436	AJ8WV1877	c	PC	0.064	0.10	44	4	15	6	40	THULITE FROM BEACH GRAVEL
437	AJ7WV1786	c	SS	N	N	12	N	21	6	420	
438	AJ7SV572	c	SS	N	N	190	6	60	28	-	
439	AJ7WV1705	c	SS	N	N	265	11	59	-	-	
440	AJ7SV571	c	SS	N	N	170	8	65	21	-	
441	AJ7WV1782	c	SS	N	0.10	35	6	75	13	680	
442	AJ7SV551	c	PC	N	0.10	14	5	39	47	-	
442	AJ7SV552	c	SS	N	0.20	35	21	62	50	-	
442	AJ7SV553	c	SS	N	N	58	7	92	15	-	
443	AJ7SV554	c	SS	0.070	N	90	15	80	16	-	
444	AJ7SV555	c	SS	0.070	N	62	13	100	14	-	
444	AJ7SV556	c	SS	0.310	N	93	26	83	16	-	
445	AJ7SV549	c	PC	N	0.10	73	3	44	18	-	
445	AJ7SV550	c	SS	N	0.40	129	17	105	26	-	
446	AJ8SV1019	c	SS	0.024	0.20	200	33	80	20	180	
447	AJ7SV564	c	SS	0.100	0.10	245	23	63	27	-	
448	AJ7SV566	c	SS	0.070	N	60	16	43	19	-	
449	AJ7SV567	c	SS	N	N	240	28	80	33	-	
449	AJ7SV685	c	SS	N	N	323	8	106	30	230	
450	AJ8SV1016	c	SS	0.012	N	440	12	106	32	320	
450	AJ7SV683	c	SS	N	N	361	9	97	33	210	
451	AJ7SV686	c	SS	N	N	228	11	171	28	270	
452	AJ7SV682	c	SS	0.240	0.50	207	27	91	23	160	
453	AJ7WV1795	c	SS	N	0.50	89	9	83	12	240	
454	AJ7WV1796	c	SS	N	N	379	7	71	45	220	
454	AJ7WV1797	c	SS	N	N	303	10	64	23	240	
455	AJ7SV557	c	PC	0.170	N	158	5	56	18	-	
455	AJ8SV1017	c	SS	0.023	N	400	7	88	32	280	
455	AJSV558	c	SS	0.070	N	310	16	95	30	-	
455	AJSV693	c	SS	N	0.10	611	13	71	47	200	
456	AJ8SV1034	c	SS	0.013	N	320	10	80	30	230	
456	AJ8SV1035	c	SS	0.037	0.10	270	16	64	21	250	
456	AJ7SV692	c	SS	N	0.10	242	11	59	23	280	
457	AJ7SV559	c	PC	N	0.10	32	2	27	20	-	
457	AJ7SV561	c	PC	N	0.10	101	4	42	17	-	
457	AJ7SV560	c	SS	0.100	0.50	79	13	76	21	-	
457	AJ7SV562	c	SS	0.210	0.30	162	17	68	23	-	
458	AJ7WV1686	c	SS	N	0.10	134	11	104	21	-	
459	AJ7WV1783	c	SS	N	0.10	237	12	155	23	360	
460	AJ7WV1784	c	SS	N	0.20	192	8	168	26	210	
461	AJ7WV1785	c	SS	N	0.10	243	7	84	50	320	
462	AJ7WV1788	c	SS	N	N	465	8	97	26	260	
463	AJ7WV1789	c	SS	N	0.30	210	24	108	30	150	
464	AJ7WV1790	c	SS	N	0.10	340	17	65	8	150	
465	AJ7WV1792	c	SS	N	0.20	125	15	60	35	110	

Table 2. *Stream-sediment samples, Haines-Klukwan-Porcupine area*—Continued

(All values in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
466	AJ8WV1830	c	SS	0.026	0.30	76	18	60	9	190	
467	AJ8WV1829	c	SS	0.015	0.40	135	16	42	6	330	
468	AJ8WV1828	c	SS	-	0.10	57	7	38	10	280	
469	AJ8WV1827	c	SS	0.017	0.20	124	7	56	22	290	
470	AJ8WV1826	c	SS	-	0.10	84	19	62	42	230	
471	AJ8WV1825	c	SS	0.012	0.20	114	14	60	19	320	
472	AJ8WV1823	c	SS	0.017	0.20	173	20	92	141	290	
472	AJ7WV1793	c	SS	0.790	0.20	227	10	64	18	340	
473	AJ7SV677	c	SS	N	N	46	6	85	17	700	
474	AJ7SV690	c	SS	N	0.10	107	13	86	57	170	
475	AJ7SV689	c	SS	N	0.20	286	7	81	100	240	
476	AJ7SV688	c	SS	0.070	0.10	167	11	93	32	480	
477	AJ7SV687	c	SS	N	N	112	2	70	16	520	
478	AJ7SV680	c	SS	N	N	52	7	93	14	800	
479	AJ8SV1008	c	SS	-	N	136	11	106	30	390	
479	AJ8SV1009	c	SS	0.023	N	157	12	120	40	410	
479	AJ7SV548	c	SS	0.070	0.30	139	18	102	34	-	
480	AJ8WV1813	c	SS	0.008	0.10	57	14	132	14	770	
481	AJ8WV1822	c	SS	0.035	0.10	460	7	148	32	330	
482	AJ8SV1038	c	SS	0.024	1.50	1150	580	3000	13	560	
483	AJ8WV1814	c	SS	0.012	0.10	65	8	156	13	470	
484	AJ8WV1817	c	SS	0.028	0.10	164	11	162	32	250	
484	AJ8WV1818	c	SS	0.019	0.50	460	7	240	17	420	
484	AJWV1798	c	SS	0.580	1.00	154	8	130	25	190	

Table 3. *Bedrock float samples, Haines-Klukwan-Porcupine area*

(All values in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
1	AJ7SV631	c	?	N	11.00	8400	N	183	79	-	
2	AJ7SV630	c	?	N	1.10	655	N	20	68	-	
3	AJ7SV629	c	?	N	0.80	645	3	20	23	-	
4	AJ8MV4324	c	PA	0.005	0.90	71	39	50	4	3100	FE-ST DIORITE W PY & PO
5	AJ7WV1752	c	QU	N	1.00	390	18	28	-	-	QTZ VN W PY,CP
6	AJ8WV1831	c	QU	0.008	0.40	94	4	76	4	N	FE -ST QTZ/MBRE W CP & PY
7	AJ6WV1586	c	VM	N	0.30	535	17	92	98	40	GREEN FE-ST ROCK W/SULF
7	AJ6WV1587	c	AA	N	1.40	108	8	35	13	1260	SLATE W SULF
8	AJ6SV423	c	AA	N	0.40	44	16	90	2	3000	FE-ST ARGILLITE + SLATE
9	AJ6SV424	c	QU	N	N	42	N	32	18	N	FE-ST QTZ-CALCITE
10	3S182	a	QU	N	N	N	N	34	N	N	QUARTZ-CALC. VEIN W/ML
11	3S181	a	VM	N	N	320	N	120	57	N	PHYL. AMPHIBOLITE W/PO, CP, ML.
12	3S097	a	QU	0.165	1.88	1500	70	N	360	-	QUARTZ W/PO. + CP.
13	3S093	a	QU	N	N	6	N	N	65	-	QUARTZ VEIN W/PO.
14	AJ5WV851	c	VM	0.010	N	232	9	26	93	70	HORNBLENDITE W/SULFIDES
15	AJ5WV888	c	?	0.040	0.80	76	76	182	23	2800	QUARTZ-MICA SCHIST W/SULFIDES
16	AJ5WV889	c	QU	N	0.30	128	80	27	11	N	QUARTZ W/SULFIDES
17	3S010	a	?	N	0.45	400	100	870	16	-	SCHIST W/FE-ST
18	3S015	a	AA	N	0.47	49	N	65	6	-	PHYLLITE W/DISSEM. PO
19	3S018	a	QU	0.016	0.88	140	N	N	15	-	QUARTZ W/PY
20	AJ5GV2635	c	VF	0.005	N	49	27	28	13	1110	FE-ST METAFELSITE W/DISSEM PO.
21	AJ5GV2636	c	VF	0.015	0.40	415	27	19	61	550	METAFELSITE W/HEAVY SULFIDES
21	AJ5GV2637	c	VF	0.025	0.50	490	21	34	94	950	METAFELSITE W/HEAVY SULFIDES
22	AJ5SV327	c	QU	0.005	N	90	5	51	13	250	QUARTZ VEIN
23	AJ5SV026	c	?	N	N	23	12	43	5	500	QUARTZ, CALC., MICA
24	3S038	a	QU	0.022	N	52	N	N	12	3000	QUARTZ VEIN W/PO.
25	3S036	a	AA	0.023	N	99	N	23	29	2000	SHALE BRECCIA
25	3S037	a	GO	N	N	130	N	N	11	3000	GOSSAN BRECCIA
25	3S040	a	GO	N	0.35	110	N	N	27	3000	GOSSAN
26	3S045	a	QU	0.017	0.59	41	N	170	10	20000	QUARTZ W/INCLUSIONS, PO.
27	3S047	a	AA	2.598	0.47	40	N	270	3.7	-	ARGILLITE W/PO.
28	3S049	a	VM	2.182	N	16	N	N	26	100	PORPHYRITIC ANDESITE
29	3S060	a	?	0.008	N	12	58	410	40	-	SCHIST W/PO.
30	3S088	a	QU	N	N	340	N	N	50	-	QUARTZ W/CP.
31	AJ5SV007	c	CA	0.010	0.40	48	23	32	1	80	MBL METASED W/1" BAND OF PY
32	AJ5SV008	c	QU	0.095	122.74	6	2.53%	7	5	300	QTZ W/GN.
33	AJ5SV009	c	QU	N	3.00	40	231	2.44%	14	200	QTZ W/SL + GN.
34	AJ5SV348	c	?	N	1.10	194	4	49	88	-	HORNFELS ROCK W/PO
35	AJ5WV871	c	CA	N	0.20	132	26	64	43	-	MO IN SKARN
35	AJ5WV872	c	QU	0.010	0.50	379	20	16	100	-	QTZ W SULF
36	3S024	a	?	N	N	81	N	170	42	-	QUARTZ AND GREENSTONE

Table 3. *Bedrock float samples, Haines-Klukwan-Porcupine area*—Continued

(All values in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
37	AJ5WV834	c	QU	N	N	4	2	10	4	N	QUARTZ
38	3S030	a	QU	0.044	2.32	570	70	N	48	-	QUARTZ AND CALCITE W/PO
39	3S033	a	AA	0.151	1.54	35	55	N	41	-	SHALE W/PY
40	AJ7SV615	c	QU	0.171							QTZ W/ SL,GN,PY
41	AJ5SV121	c	CA	N	0.70	535	16	12	174	300	MBL.-QUARTZ W/MAG. SULFIDES SKARN
42	84ER79	bc	QU	49.000	74.00	1.0%	6	32	33	N	QUARTZ BELOW LARGE INCLUSION W/CP,ML
43	AJ5WV921	c	PA	N	0.20	49	12	22	21	380	BRECCIATED IGNEOUS ROCK W/SULF
44	AJ5SV292	c	GO	6.330	18.20	515	8	83	117	240	GOSSAN W/20%PY
45	AJ5WV839	c	QU	0.410	25.00	5500	5	97	4	N	QUARTZ W/CP, ML
46	AJ5WV986	c	QU	N	N	9	4	50	2	1130	QTZ BRECCIA W/CALC SLATE, SULF
47	AJ5SV044	c	QU	0.415	1.70	3	19	60	20	500	QUARTZ VEIN W/DIKE & LARGE PY
48	AJ5SV019	c	QU	0.195	4.90	8	116	36	10	3000	QUARTZ W/BAND OF PY, GN
49	AJ5WV835	c	SU	N	1.80	73	18	25	31	60	PYRITE BOULDER
50	3S247	a	CA	N	1.94	16	150	48	N	N	CALCITE W/CP
51	AJ5GV2679	c	SU	N	0.80	400	11	161	56	4300	PYRITE LAYER 0.05' THICK
52	AJ8WV1837	c	QU	0.038	0.20	44	10	106	N	N	MBL W QTZ - Ca VEIN W SULFIDES
52	AJ8WV1838	c	QU	0.087	1.50	402	10	61	15	N	QTZ-CA VEIN IN FE-ST DIKE W CP, ML
53	3S071	a	QU	N	0.40	73	N	N	66	-	QUARTZ W/PO.
53	3S072	a	VM	N	N	110	N	N	50	-	CHLORITE SCHIST W/PY.
54	4S061	a	VM	N	N	N	22	67	N	1930	GREENSCHIST, QTZ-CALC. W/SULFIDES
55	4S055	a	?	N	0.97	410	53	280	74	5300	SCHIST
56	4S059a	a	CA	N	N	14	N	21	N	47	"BARITE" IN WHITE PHYLLITE
57	3E020	a	?	N	0.71	1390	N	160	N	N	ALTERED + MINERALIZED VOLC. ROCK W/HEM
58	3E021	a	QU	0.034	1.18	710	N	21.5	390	N	QUARTZ VEIN W/PY,CP,PO
59	4S077	a	QU	N	0.66	190	N	23.4	76	50	QUARTZ BOULDER W/0.1' BAND PO
60	4S079	a	QU	0.058	1.74	540	22	26	450	N	QUARTZ BOULDER W/0.75' BAND PO-CP
60	84ER71	bc	QU	0.075	3.00	364	5	5	235	60	QUARTZ BOULDER WITH MASSIVE PO-CP
61	4S073	a	QU	N	2.10	310	18	23.4	130	100	FE-ST QUARTZ VEIN W/0.4' LENS PO
61	4S074	a	QU	N	0.42	160	N	750	43	230	QUARTZ BOULDER W/PO,SL
62	4S081	a	SU	N	1.33	240	45	67	130	710	MASSIVE PO BOULDER WITH SPARSE QTZ
63	4S082	a	?	N	2.20	230	91	91	150	8100	BOULDER, PINK AND SILICIOUS, W/BANDS PO
63	4S084	a	SU	0.300	49.84	23300	11800	62000	8	11300	70% SILICIA, 30% SULFIDES, PO, CP, SL
64	4S086	a	QU	N	0.70	350	120	380	120	320	QUARTZ BOULDER W/PO-CP
64	4S090	a	QU	N	N	69	N	13.5	N	N	QUARTZ BOULDER W/LENS PO
65	4S088	a	VF	N	0.77	350	64	130	76	140	SILICEOUS VOLC.? ROCK W/LENS PO
65	4S089	a	SU	N	N	74	N	72	11	920	PO LENS IN FINE GRAINED QUARTZ
66	AJ5SV208	c	QU	N	0.90	214	15	42	28	140	QUARTZ VEIN W/PO
67	3S297	a	QU	N	N	240	N	12.7	49	N	QUARTZ VEIN W/PO + CP
68	3S299	a	?	N	0.10	140	41	56	67	4600	PHYLLITE W/PO, CP, + PY
68	3S300	a	?	N	Tr	190	32	140	50	2600	SCHIST W/PY + MAG.
69	AJ5SV213	c	QU	0.005	N	9	5	11	N	80	FE-ST QUARTZ VEIN
70	AJ8WV1899	c	PA	0.008	0.10	143	4	13	14	690	FE-ST INTRUSION W PO
71	AJ8WV1897	c	VM	N	N	89	N	33	14	130	HORNBLENDE W PY
71	AJ8WV1898	c	VM	N	N	188	2	23	18	240	GREEN INTRUSION W SULFIDES
72	AJ5WV997	c	AA	N	0.40	70	9	15	7	200	SLATE W/SULFIDES
72	AJ7WV1660	c	?	0.138	4.60	148	17	36	26	330	
73	AJ5SV204	c	QU	N	N	17	2	44	3	240	FE-ST QUARTZ VEIN W/RIBBON TEXTURE
74	AJ5WV1508	c	PA	N	N	52	7	203	29	320	DIKE AND QTZ

Table 3. *Bedrock float samples, Haines-Klukwan-Porcupine area*–Continued

(All values in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
75	AJ5SV202	C	QU	N	0.30	19	6	84	2	970	VUGGIE QUARTZ
75	AJ5WV980	C	AA	N	0.40	23	13	124	5	2900	SLATE W/SULFIDES
76	AJ5SV345	C	QU	N	N	42	20	17	9	-	FE-ST QUARTZ VEINS W/PY
77	AJ5WV868	C	?	N	N	16	17	14	N	-	QUARTZITE?
77	AJ5WV869	C	QU	N	4.50	7	530	1.63%	N	-	HALF OF A QUARTZ VEIN W/GN, SL
77	AJ5WV870	C	QU	N	N	26	5	61	12	-	QUARTZ W/SULFIDES
78	AJ5SV056	C	PA	N	N	15	8	26	12	400	FE-ST DIKE W/PO.
79	AJ5WV983	C	PA	N	N	26	4	19	9	-	GRANITIC ROCK IN ROCK GLACIER
80	AJ6GV2883	C	CA	0.010	>30.0	1220	400	15490	3	250	BRECCIATED DOLOMITE W/MALACHITE
80	AJ6GV2884	C	QU	N	1.80	38	7	4360	3	2250	QTZ VEIN W/SPHALERITE
80	AJ6GV2885	C	VF	N	0.60	28	12	147	14	3970	MASSIVE PYRITE IN METAFELSITE
81	AJ6GV2849	C	CA	N	0.30	12	9	485	7	330	BRECCIATED DOLOMITIC LS
81	AJ6GV2850	C	VF	N	1.00	18	30	12	39	15000	PYRITIC METAFELSITE
82	AJ6SV460	C	VF	N	0.70	465	15	525	77	-	SERICITE SCHIST BOULDER W/QTZ-PY LAYER
83	AJ5WV996	C	QU	N	0.30	4	9	7	N	N	QUARTZ
84	AJ6WV1546	C	AA	N	1.60	66	14	570	5	1600	SLATE W/SULF
85	AJ6SV415	C	SU	0.377	1.30	700	12	82	34	N	MASSIVE PO AND PY
86	AJ6SV406	C	AA	N	1.60	25	42	33	10	1000	SLATE W/0.075' BAND OF PY
87	AJ6SV405	C	PA	0.068	3.50	30	189	380	15	620	DIKE W/0.1' BAND QTZ-CALC W/PY, SL
88	AJ6SV404	C	QU	0.686	380.90	320	4.1%	1.4%	2	240	QTZ-CALC VEIN W/BANDS OF GN, CP
89	AJ6WV1555	C	AA	N	0.40	50	8	138	7	1300	SLATE W/SULF
90	AJ5WV858	C	QU	N	N	6	3	21	8	1860	QUARTZ BOULDER
91	AJ6SV442	C	CA	0.377	26.00	9000	15	348	3	100	LIMESTONE BRECCIA W/CP
91	AJ6SV443	C	?	0.583	50.00	4500	5820	214	3	N	HORNFELS W/CALCITE BA,CP,CHALCOCITE-FLOAT
92	AJ6GV2943	C	VM	N	0.60	485	N	50	170	390	MASSIVE PO IN BASALT (FLOAT) ???
93	AJ5WV830	C	?	0.060	0.40	530	11	48	117	-	ROCK W SULFIDES
93	AJ5WV831	C	QU	N	N	795	5	15	53	-	FE-ST QTZ W SULFIDES
94	AJ6SV434	C	?	N	0.90	36	14	310	4	9900	FE-ST HORNFELS W/PO
94	AJ6SV435	C	CA	0.450	0.70	54	16	1020	2	1500	MARBLE W/SULFIDES
95	AJ8WV1900	C	?	0.009	2.00	66	33	34	29	1700	GNEISS W SULFIDES
95	AJ8WV1901	C	?	N	0.10	45	3	96	21	480	GNEISS W SULFIDES
96	AJ7GV6186	C	VM	N	0.30	140	2	36	19	230	FLOAT OF FE-ST METABASITE
97	AJ7WV1723	C	QU	N	0.70	275	385	6400	14	-	FE-ST QTZ VEIN W/SL, PO. IN GNEISS
97	AJ7WV1724	C	?	N	0.60	192	23	101	12	-	FE-ST METASEDIMENTARY ROCK W/PO + PY
97	AJ7WV1725	C	PA	N	N	36	4	79	240	-	DIORITE W/PY
98	AJ7GV6125	C	SU	N	1.20	655	4	63	95	90	MASSIVE PO COBBLE-25% ML; OUTWASH
98	AJ7GV6126	C	VM	N	N	68	8	115	28	N	METABASALT W/DISSEM MAGNETITE; OUTWASH
99	AJ7SV661	C	?	N	0.90	270	19	90	29	470	HORNFELS W/10% PO + CP
100	AJ7GV6189	C	VM	N	0.10	63	N	164	22	N	GREENSTONE W/DISSEM CP IN AVALANCHE RUBBLE
101	AJ7SV647	C	VF?	N	0.60	420	2	47	62	N	FE-ST HIGHLY SILICIFIED ROCK W/PO (25%) AND CP
101	AJ7SV648	C	VM	N	0.30	780	N	34	215	N	HORNBLENDITE W/PO, PY, CP
101	AJ7WV1766	C	VF	N	6.30	1300	N	68	78	N	FELSIC SCHIST W/CP + PO
102	AJ8WV1876	C	?	N	0.10	49	9	78	11	960	FINE GRAINED CONGLOMERATE
102	AJ6SV402	C	?	N	N	18	14	100	26	N	QTZ-CALC BANDED METAVOLCS W/PO, CP, HEM
103	AJ6WV1627	C	SU	0.171	0.30	690	5	22	8	720	VEIN W/MO
104	AJ6GV6361	C	PT	N	0.20	780	N	66	10	630	HORNBLENDE DIORITE
105	AJ6SV497	C	PT	0.068	N	6300	N	60	70	400	COARSE GRAINED GRANODIORITE W/ML, AZ
106	AJ8HV4325	C	QU	N	N	9	4	8	1	N	QTZ VEIN MATERIAL

Table 3. *Bedrock float samples, Haines-Klukwan-Porcupine area*–Continued

(All values in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
107	AJ8HV4326	c	?	0.005	0.10	115	4	70	15	140	ALTERED GNEISS
108	AJ8WV1889	c	PT	0.273	5.30	2270	443	410	12	100	DIORITE W EP, CP, ML
109	AJ8WV1890	c	PT	0.068	2.00	3580	82	140	10	160	DIORITE W EP, ML & SULF
109	AJ8WV1891	c	PT	0.237	6.30	13440	52	120	12	60	MAFIC ZONE IN DIORITE W BN, ML
110	J82-900	a	?	N	0.01	16	-	-	-	-	FE-ST SLTST W/ CAL AND QTZ VEINLETS
111	J82-902	a	PT	0.004	0.11	6050	-	-	-	-	DIORITE W/ ML AND BN IN MAFIC SEGREGATIONS
112	AJ8HV4327	c	PT	0.177	5.60	12070	2	82	14	800	FOLIATED DIORITE W AZURITE & ML STAIN
112	AJ8WV1892	c	PT	2.430	18.90	38400	21	142	20	790	FE-ST MAFIC ZONE IN DIORITE W ML, BN
113	J82-689	a	PT	0.156	0.44	24600	-	-	-	-	GRANODIORITE W/ BN AND AZ COATING FRACTURES
113	J82-692	a	PT	0.035	0.10	29500	-	-	-	-	QTZ DIORITE W/ AZ AND CP COATING FRACTURES
114	J82-695	a	PT	0.019	0.09	6000	-	-	-	-	DIORITE W/ ML STAIN AND CP
115	J82-696	a	PT	N	0.03	2300	-	-	-	-	HNBLD DIORITE W/ ML STAIN AND CP
116	J82-698	a	PT	0.012	0.11	7400	-	-	-	-	DIORITE FRACTURE COATED W/ ML AND CP
117	J82-699	a	PT	0.077	0.41	10200	-	-	-	-	DIORITE W/ 0.01 FT FRACTURE FILLED W/CP AND BN
118	AJ8WV1871	c	QU	0.098	0.10	97	2	2	N	250	QTZ-FELDSPAR VEIN IN DIORITE
119	AJ8SV1024	c	QU	0.012	N	121	4	40	12	710	QTZ-CALCITE VEIN
120	AJ8SV1028	c	VB	0.024	0.50	3200	N	18	1	N	ALTERED BASALT W EP, CP, QTZ, ML
121	AJ8SV1027	c	VB	0.012	0.70	3000	N	16	4	N	ALTERED BASALT W EP, ML, AZ
122	AJ8SV1026	c	QU	0.036	1.10	1300	N	20	5	N	QRZ VEIN W CP IN METABASALT
123	AJ8SV1025	c	QU	0.045	1.40	2600	N	25	9	N	QTZ-FELD BAND W CP & ML IN METABASALT BRECCIA
124	AJ8SV1041	c	QU	0.021	0.20	300	N	28	13	N	QTZ VEIN W PO, CP
125	AJ8SV1042	c	QU	0.030	0.90	3100	N	20	8	N	RIBBION QTZ VEIN W CP, ML
126	AJ8WV1847	c	VB	0.605	12.80	26400	3	38	13	N	FE-ST BASALT W QTZ, BN, CP, ML
127	AJ8WV1844	c	VB	0.283	12.40	35000	6	67	15	N	FE-ST BASALT W BN, ML
127	AJ8WV1845	c	VB	0.072	0.40	4870	2	62	21	N	FE-ST BASALT W CP, ML
127	AJ8WV1846	c	QU	2.440	16.90	38200	4	21	6	740	FE-ST QTZ VEIN W BN, ML
128	AJ8WV1842	c	QU	2.920	3.40	24600	4	43	7	80	FE-ST QTZ VEINLET IN BASALT W CP, ML
128	AJ8WV1843	c	QU	0.033	1.90	3600	16	60	7	N	FE-ST QTZ VEIN W CP, ML
129	AJ8WV1841	c	VB	0.119	3.20	9140	3	22	3	N	FE-ST SHEARED BASALT W BN, ML
130	AJ8WV1840	c	QU	0.317	2.40	8220	2	68	12	N	BASALT-QTZ BRECCIA W BN
131	AJ8WV1848	c	QU	N	0.10	1895	N	21	4	N	QTZ-BASALT BRECCIA W CP
132	AJ8SV1043	c	VB	0.053	1.80	4400	3	20	12	N	ALTERED BASALT W EP, CP,
133	AJ8SV1067	c	QU	N	0.10	17	8	21	1	120	QTZ-FELD VEIN
133	AJ8SV1069	c	UM	0.006	0.10	40	3	56	14	750	FE-ST ULTRAMAFIC BRECCIA W PO, PX
134	AJ7WV1704	c	QU	N	0.40	1750	N	8	-	-	QTZ VEIN IN ULTRAMAFIC W/CP, ML
135	AJ8SV1020	c	QU	0.007	N	34	N	10	1	N	QTZ VEIN IN CHERT
136	AJ8SV1036	c	QU	0.005	N	45	2	9	1	N	VUGGY QTZ
137	AJ8WV1824	c	QU	0.037	0.10	128	N	36	15	N	QTZ-EPIDOTE VEIN IN BASALT
138	AJ6WV1601	c	QU	N	1.20	2110	N	46	8	50	QTZ/GREENSTONE BRECCIA W CP,SL,SULF
138	AJ7WV1689	c	QU	N	0.20	2200	3	5	5	-	FE-ST QTZ W CP,ML,PY
138	AJ7SV547	c	QU	N	0.20	1850	4	8	5	-	QTZ VEIN
139	AJ8WV1815	c	QU	0.063	1.20	3600	10	560	52	N	QTZ VEIN IN BASALT W CP, PY
140	AJ8WV1819	c	QU	0.027	N	23	5	1480	16	N	CALCITE VEIN IN BASALT W SULFIDE
141	AJ8WV1816	c	VB	6.230	13.00	2600	36	270000	194	N	IN FAULT ZONE IN BASALT
141	AJ6WV1600	c	QU	0.100	2.10	7630	15	9120	28	30	QTZ-GREENSTONE BRECCIA W/CP
141	AJWV1799	c	QU	0.411	3.40	8465	37	1.04%	27	140	METABASALT-QTZ BRECCIA W/CP, SL, SULF

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
1	AJ8WV1882	c	CA	0.008	13.40	93	2400	2800	10	20	SKARN W/ SL
2	AJ8WV1886	c	CA	0.017	2.10	57	252	100	25	N	SKARN
3	AJ8SV1096	c	CA	0.020	3.70	4120	12	1.55%	59	180	SKARN W/GR,QTZ,CALC,ML,SL,MN
4	AJ7WV1756	c	CA	N	3.00	164	79	1.60%	-	-	SKARN W/SL
5	AJ7WV1755	c	CA	0.137	72.70	6950	660	1150	-	-	LMST W/BN,ML,SL,CP
6	AJ8WV1880	c	CA	0.025	8.70	5970	85	146	15	180	FE-ST SKARN W/BN,CP,ML
7	AJ7WV1754	c	QU	N	0.40	45	7	63	-	-	FE-ST QTZ-MICA ZONE W/SULF
8	AJ6GV2842	c	VM	N	N	48	6	31	25	680	PYRITIC GREENSCHIST
9	AJ6GV2862	c	CA	N	4.50	1990	12	179	43	30	SILICIFIED LS-HORNFELS W/PO,CP
10	AJ6GV2863	c	VM	N	0.30	135	9	49	11	570	PO & MINOR CP-BEARING BASALT
11	AJ6GV2859	c	VM	N	0.20	175	6	44	23	320	PY-BEARING METABASALT
12	AJ6GV2858	c	VM	N	0.20	101	9	52	16	230	PYRITIC SILICIFIED VOLCS ALONG FAULT
13	86WG54	c	VM	0.004	N	67	2	22	14	N	PORPHYRITIC METABASALT
14	AJ6GV2868	c	AA	N	0.50	124	18	56	25	140	FE-ST PYRITIC BLACK QTZITE
15	AJ6GV2924	c	AA?	N	0.30	70	15	112	7	710	PYRITIC BIO QTZ SCHIST
16	AJ6GV2869	c	AA	N	0.60	106	19	73	13	5400	FE-ST PYRITIC BLACK QTZITE
17	AJ7GV6143	c	AA	N	0.30	171	3	116	18	1400	FE-ST BIO QTZ GNEISS
18	AJ7GV6144	c	QU	N	0.70	895	N	9	4	N	QTZ-CARBONATE VEINLET W/ML+CP
18	87WG58B	d	PA	N	N	125	N	109	46	142	DIORITE
19	AJ6GV2861	c	AB?	N	N	30	4	65	12	240	PYRITIC BIOTITE-QTZ SCHIST
20	AJ6SV480	c	VM	N	0.20	102	5	53	22	880	FE-ST MAFIC PHYLLITE W/2% PY
21	AJ6SV481	c	VM	N	N	127	3	50	36	1070	FE-ST MAFIC PHYLLITE W/3% PY
22	86WG69	c	VM	0.005	N	56	N	16	12	100	PORPHYRITIC METABASALT
23	AJ6GV2857	c	VM	N	0.20	170	9	67	29	190	PO-BEARING METABASITE
24	AJ6GV2856	c	SU	N	4.40	3325	20	146	400	40	PO-CP VEIN IN METABASALT
25	AJ6GV2840	c	AB?	N	N	36	5	31	13	340	PYRITIC MUSCOVITE-BIO SCHIST
26	AJ6GV2930	c	VF	N	N	9	3	36	1	530	PYRITIC METAFELSITE
27	AJ6GV2839	c	VM	N	0.20	120	4	59	18	650	PO-BEARING BIO MAFIC SCHIST
28	AJ8WV1874	c	QU	0.011	1.90	1227	4	22	20	N	FE-ST QTZ W/SULF
28	AJ8SV1092	c	VF?	0.041	5.60	2960	5	127	36	120	FE-ST SILICIFIED PHYLLITE W/ML
28	AJ8SV1093	c	SU	N	1.70	1915	2	13	16	N	SILICIFIED ROCK W/SP,ML
29	AJ6GV2851	c	AA	N	1.00	47	7	56	7	660	SULF-BEARING BLACK SCHIST
30	AJ6GV2852	c	SC	N	0.30	62	12	76	12	900	PYRITIC BIO QTZ SCHIST
31	AJ6GV2854	c	QU	N	N	14	8	31	8	N	QTZ VEIN
31	AJ6GV2855	c	QU	N	0.20	580	6	39	24	170	QTZ VEIN W/MASSIVE PO
32	AJ6GV2853	c	AA	N	0.40	78	49	90	10	340	PYRITIC BLACK SCHIST
33	AJ6GV2867	c	VF	N	0.70	34	22	35	10	1060	PY-BEARING FELSIC SCHIST
34	AJ6GV2866	c	AA	N	0.50	46	12	206	6	1500	FE-ST GRAPHITIC QTZ SCHIST
35	AJ6GV2922	c	CA	N	2.40	213	11	130	44	1110	SILICIFIED MARBLE W/PY,CP,PO
36	AJ6GV2889	c	CA	N	0.70	107	7	58	10	990	FE-ST MARBLE
37	AJ6GV2890	c	PA	N	0.50	68	50	62	11	740	PYRITIC ORTHOGNEISS

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*—Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
38	84WG96	d	PA	N	N	N	14	76	17	967	GRANODIORITE
38	AJ5GV2815	c	PA	N	N	20	22	73	21	-	K/AR SAMPLE
39	AJ6GV2923	c	VF?	N	0.20	410	4	75	12	1220	FE-ST PO-BEARING QUARTZ SCHIST
40	AJ6GV2921	c	QU	N	0.40	1630	5	22	535	N	QTZ VEIN W/PO
41	AJ5GV2814	c	PA	N	N	10	17	72	26	-	ORTHOGNEISS
42	AJ5GV2698	c	VM	N	N	34	8	72	30	-	DIABASE
43	AJ5GV2645	c	VF	0.005	2.50	28	810	1120	12	390	FELSIC SCHIST W/ GN
43	AJ5GV2644	c	QU	N	0.60	182	15	17	23	N	VUGGY QTZ VEIN W/ PY
44	AJ5GV2646	c	VF	N	N	62	17	89	18	730	FE-ST FELSIC SCHIST
45	AJ5GV2733	c	AA	N	N	13	2	62	11	1200	BLACK PHYLLITE
46	AJ5GV2750	c	AA	N	N	43	3	42	5	380	BLACK GRAPHITIC PHYLLITE
47	AJ6WV1615	c	QU	N	N	16	N	29	7	100	FE-ST QTZ KNOT
47	AJ6WV1614	c	CA	N	0.20	11	10	61	3	40	MBL W/SULF
48	AJV6U6356	c	VM	N	N	46	N	46	20	90	FE-ST AMPHIBOLITE (As=6PPM)
49	AJ6GV2922	c	CA	N	2.40	213	11	130	44	1110	SILICIFIED MBL W/ PO,CP,BO
49	AJV6U6357	c	QU	N	N	188	N	25	20	N	FE-ST QTZ VEIN, (As=4PPM)
50	AJ6GV2889	c	CA	N	0.70	107	7	58	10	990	FE-ST HORNFELSED MBL
50	AJV6U6358	c	QU	N	N	8	N	8	2	N	QTZ VEIN CHLORITE SCHIST W/SULF(As=3PPM)
51	AJV6U6359	c	GO	0.010	0.20	52	2	18	5	190	GOSSAN (As=2PPM)
52	AJ7GV6129	c	AB	N	N	23	3	99	9	580	FE-ST BLACK PHYLLITE
53	AJ5GV2791	c	AB	N	N	91	5	17	7	120	BLACK ARGILLITE
54	AJ6WV1585	c	QU	N	1.20	103	149	18	61	30	QTZ VEIN W/SULF
54	AJ6GV2923	c	AA?	N	0.20	410	4	75	12	1220	FE-ST, PO-BEARING QTZ SCHIST
55	AJ6SV483	c	AA	0.005	0.30	370	7	66	10	1140	FE-ST SLATE
55	AJ6SV482	c	QU	N	0.20	27	5	13	5	60	FE-ST QTZ VEIN
56	AJ5GV2647	c	VF	0.015	0.80	52	400	120	8	660	FELSIC SCHIST W/PO
57	AJ6WV1560	c	AA	0.068	N	40	6	112	14	260	SLATE
57	AJ6WV1559	c	QU	N	N	17	N	13	2	N	FE-ST QTZ KNOT
58	AJ5GV2790	c	AA	N	N	14	30	29	4	200	DARK GREY QTZ PHYLLITE
59	AJ5WV1505	c	CA	N	0.40	9	19	8	9	110	LMST W/SULF
60	AJ6GV2834	c	VF	N	0.20	7	8	31	2	6090	METAFELSITE W/DISSEM PY
60	AJ6GV2836	c	QU	N	0.20	29	3	18	12	140	FE-ST QTZ VEIN
60	AJ6GV2835	c	AA	N	1.60	14	16	151	3	4550	BLACK SLATE
61	AJ6SV485	c	AA	N	0.20	31	16	53	3	710	LIMEY SLATE W/3% SULF, SPARSE CP
61	AJ6SV486	c	AA	N	0.70	60	28	100	4	730	SLATE W/PY
62	AJ6GV2837	c	VF	N	0.20	106	N	103	18	2290	FE-ST PYRITIC BIO FELSIC SCHIST
63	AJ6GV2838	c	CH	N	N	30	3	25	7	1070	PYRITIC METACHERT
64	AJ6GV2843	c	VM	N	N	48	3	113	29	510	PYRITIC GREENSCHIST
64	AJ6GV2844	c	AA	N	N	16	4	79	7	820	PYRITIC BLACK PHYLLITE
65	AJ5WV1502	c	AA	N	0.20	47	33	83	13	180	DARK SCHIST/SLATE W/SULF
66	AJ5WV1506	c	CA	N	0.30	7	14	7	7	N	LMST W/SULF
67	3S233	a	VF?	N	N	190	500	220	N	N	PHYLLITE W/PY
67	3S234	a	VM	N	0.43	38	N	140	120	N	QTZ-MNBD PHYLLITE W/PO
68	3S232	a	AA?	N	0.95	40	N	85	N	200	CALC PHYLLITE W/PO + PY
69	3S214	a	CA	N	N	30	N	49	N	400	LMST W/PY
69	3S215	a	VM	N	N	11	N	81	N	300	MAFIC GNEISS
70	3S180	a	AA	N	N	27	N	130	41	N	DARK GREY PHYLLITE
71	AJ5WV866	c	QU	N	N	8	13	47	7	-	QTZ VEIN

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*–Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
71	AJ5WV867	c	GO	N	2.40	1110	25	180	262	-	GOSSAN W/SULF
72	3S183	a	CA	N	1.44	11	N	120	68	N	CALC VEIN W/HL + AZ
73	3S213	a	VM	N	N	40	N	190	51	N	BASALT
74	3S173	a	VM	N	N	43	N	120	51	N	AMPHIBOLITE
75	3S174	a	VM	N	N	40	N	83	N	300	HORNBLENDITE DIKE
76	3S172	a	VF?	N	N	N	N	26	N	200	QTZ-MUSC PHYLLITE
77	3S179	a	QU	0.033	N	62	N	19	N	N	QTZ VEIN W/CP
77	3S178	a	VM	N	N	30	N	150	51	200	AMPHIBOLITE
78	AJ5GV2573	c	QU	N	N	51	N	10	1	-	QTZ VEIN
79	3S177	a	VM	N	N	N	N	76	41	N	AMPHIBOLITE
80	3S175	a	VF?	N	N	30	N	180	N	200	METAFELSITE
81	3S176	a	VF?	N	N	32	N	120	N	300	METAFELSITE
82	AJ5WV958	c	AA	N	0.30	61	17	74	15	700	SLATE W/DIKES AND QTZ VEINS
83	AJ5WV959	c	VM	N	0.20	128	12	46	13	150	MAFIC SCHIST W/SOME SULF
84	AJ5GV2800	c	AA	N	0.30	131	13	59	18	190	SLATE
85	AJ5GV2675	c	VF	N	0.20	96	3	32	25	80	METAFELSITE W/PY
86	AJ5GV2801	c	AA	0.010	N	55	4	84	16	620	SLATE
87	AJ5WV1507	c	AA	N	N	100	6	70	21	260	SHALE W/SULF
88	AJ5WV961	c	VM	N	0.20	75	12	40	11	80	MAFIC SCHIST W/SOME SULF
89	AJ5WV963	c	QU	N	N	16	8	6	5	N	QTZ VEIN
89	AJ5WV962	c	VM	N	0.40	55	14	69	12	60	MAFIC SCHIST W/SOME SULF
90	AJ5WV964	c	VF	N	0.20	22	17	50	14	250	FELSIC SCHIST
90	AJ5WV965	c	QU	N	0.20	11	6	6	4	N	QTZ VEIN
91	3S095	a	AA	N	N	38	84	24	45	-	GREY SCHIST
92	3S099	a	QU	N	N	66	250	150	49	-	QTZ VEIN W/SULF
92	AJ5WV968	c	AA	N	0.70	49	26	88	10	1350	SLATE
92	3S092	a	VF	N	N	50	47	N	65	-	SCHIST
92	AJ5WV967	c	QU	N	0.30	32	15	18	11	N	QTZ KNOT IN SCHIST W/SULF
92	AJ5WV969	c	CA	N	N	7	23	17	2	70	LMST W/SOME SULF
92	AJ5WV966	c	VF	N	N	44	14	79	15	320	YELLOW SCHIST W/SULF
92	AJ6GV2902	c	VF	N	0.30	27	83	400	15	250	PY- & CP-BEARING METAFELSITE
93	AJ5WV970	c	CA	N	N	13	12	72	5	90	BRECCIATED LMST AND SCHIST W/SULF
93	AJ5GV2674	c	VF	N	N	31	37	51	6	610	FELSIC SCHIST
94	AJ5WV971	c	CA	N	N	9	17	19	N	N	LMST AND SILTSTONE
95	AJ5GV2753	c	AA	N	0.50	6	32	9	4	2100	BLACK PHYLLITE
96	3S013	a	QU	N	0.39	130	N	N	18	-	QTZ VEIN IN PHYLLITE W/PY
97	AJ5GV2735	c	AA	N	0.40	15	27	71	2	1000	BLACK SLATE
98	AJ5GV2734	c	AA	N	0.30	58	5	212	12	2200	DARK GREY PHYLLITE
99	84WG90	bc	QU	N	0.10	20	4	12	4	N	QTZ VEIN
100	AJ5GV2792	c	AA	N	N	23	16	78	6	430	MED GREY PHYLLITE W/PY CUBES
101	AJ5GV2702	c	AA	N	0.50	31	10	65	2	1900	BLACK GRAPHITIC SCHIST
102	AJ5WV848	c	VF?	0.015	0.30	25	32	42	6	780	QTZ SER SCHIST W/SULF
103	84WG87	bc	VM	0.015	0.80	44	10	80	2	790	GRAPHITIC MAFIC SCHIST
104	AJ5SV304	c	VF?	0.010	N	77	9	26	25	1520	QTZ SER SCHIST W/PY
105	AJ5SV302	c	QU	0.030	N	172	11	61	22	500	QTZ VEIN
105	AJ5GV2639	c	VF	0.005	0.30	21	35	13	11	340	METAFELSITE
105	AJ5SV303	c	GO	0.010	N	775	6	75	48	170	GOSSAN
106	AJ5GV2640	c	VF	0.055	1.30	107	10	30	336	430	METAFELSITE W/0.2' LAYERS SULF

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*—Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
106	AJ5GV2641	c	QU	N	N	84	28	40	11	N	QTZ VEIN IN METAFELSITE
107	AJ5GV2638	c	VF	N	0.30	45	18	8	4	1080	METAFELSITE W/PY
108	AJ6GV2933	c	QU	N	0.20	69	8	3	N	100	FE-ST PYH-BEARING QTZ SEGS. IN METACHERT
108	AJ8SV1064	c	AA	0.006	0.20	47	7	82	5	350	SHEARED FE-ST SLATE
108	AJ6GV2932	c	CH	N	N	62	12	13	6	750	FE-ST PYH-BEARING METACHERT
108	AJ8SV1065	c	QU	0.007	0.10	29	4	28	4	N	FE-ST QTZ VEINS
109	AJ8SV1060	c	QU	N	0.10	21	3	13	2	N	QTZ VEIN W/BRECCIA + CALC
109	AJ5SV321	c	QU	N	N	36	11	24	12	170	QTZ VEIN
109	AJ8SV1063	c	QU	0.005	0.20	43	3	11	6	30	QTZ VEIN W/PO,CP
109	AJ8SV1062	c	QU	0.011	0.20	84	6	34	23	N	QTZ VEINS
109	AJ5SV322	c	AA	N	N	32	7	80	17	520	SLATE
109	AJ5SV319	c	PA	N	N	N	9	12	7	320	FELSIC DIKE
109	AJ8SV1061	c	FA	0.006	0.20	85	11	110	14	650	FE-ST FAULT GOUGE
110	AJ5SV326	c	AA	N	N	116	18	68	37	70	SLATE
110	AJ5SV325	c	QU	N	N	5	12	16	7	N	QUARTZ VEIN
111	AJ5GV2717	c	AA	N	0.70	186	12	372	20	610	DARK GREY QTZ SCHIST
112	84WG182	bc	AA	N	0.30	41	8	110	7	670	SLATE
113	AJ5SV341	c	QU	N	N	55	10	10	3	-	QTZ VEIN W/PY
113	AJ5SV340	c	AA	N	N	12	3	83	2	-	FE-ST BRECCIATED SLATE
114	AJ6SV386	c	FA	N	N	50	4	62	16	N	SHEAR ZONE W/CLAY, LMST, QTZ, SLATE
114	AJ6SV387	c	QU	N	N	92	2	32	4	N	VUGGY QTZ IN SLATE
115	AJ5GV2718	c	AA	N	N	20	3	167	16	140	PO-BEARING DARK GREY QTZ PHYLLITE
116	AJ6SV433	c	AA	N	N	52	14	112	17	180	FAULT ZONE W/GOUGE + QTZ IN SLATE
117	AJ8WV1849	c	FA	N	N	131	8	60	7	50	FE-ST FAULT ZONE IN SLATE W/GOUGE + QTZ
117	AJ8WV1850	c	QU	0.022	0.50	316	2	25	4	N	FE-ST QTZ KNOT IN FAULT IN SLATE
117	AJ8WV1851	c	QU	0.018	0.20	105	3	10	3	N	FE-ST QTZ KNOT IN FAULT ZONE
118	AJ5SV025	c	QU?	N	0.20	8	15	44	3	500	QTZ, CALC, MICA
119	84WG187	bc	QU	0.045	0.10	59	4	19	12	140	QTZ CALC VEINLET IN GRAPH PHYLLITE
120	AJ5GV2719	c	AA	N	N	30	13	72	2	2200	DARK GREY GRAPHITIC PHYLLITE
121	AJ5GV2723	c	AA	N	N	50	16	250	22	270	PYRITIC BLACK PHYLLITE
121	AJ5GV2676	c	SU	0.010	0.80	98	15	55	5	1770	SULF POD IN SCHIST
121	AJ5WV865	c	SU	0.010	0.70	135	23	54	4	-	SULF POD IN SCHIST
121	AJ5GV2677	c	VF	N	N	6	5	96	1	2890	METAFELSITE W/SULF
122	3S091	a	VF	N	N	34	66	93	19	-	SCHIST W/SULF
123	84WG202	bc	AA	N	0.40	129	12	44	15	4100	PHYLLITIC BLACK ARGILLITE
124	AJ5GV2722	c	AA	N	0.60	31	39	150	N	3400	BLACK PHYLLITE
125	AJ5GV2721	c	AA	N	N	55	4	184	22	530	DARK GREY PHYLLITE
126	AJ5GV2701	c	AA	N	N	55	18	149	20	920	DARK GREY ARGILLITE
127	84WG74	bc	AA	0.015	0.70	22	33	80	21	1500	FE-ST ARGILLITE W/PY
128	84WG76	d	PA	N	N	N	15	92	22	639	GRANODIORITE
129	84WG78	bc	AA	0.010	0.60	40	17	231	5	3600	FE-ST HORNF CALC SILTSTONE W/PY
130	3S063	a	CA	N	N	330	N	N	30	-	CALC VEIN W/PO
130	3S062	a	VF	0.013	N	49	N	N	53	-	FELSITE W/PY
130	3S061	a	VF	N	N	130	N	N	47	-	FELSITE W/PY
131	3S059	a	FA	N	0.39	99	N	N	34	-	FAULT GOUGE
131	3S058	a	AA?	N	N	25	N	N	1.4	-	METASED
131	3S055	a	CA	0.191	N	N	N	N	1	-	LMST
131	3S057	a	AA?	N	N	15	N	N	2.7	-	METASED

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*–Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
131	3S054	a	AA?	N	0.72	16	N	4.2	4.6	-	SCHIST
132	3S052	a	AA?	0.316	N	170	N	17	25	-	METASED
132	3S053	a	GO	0.066	0.47	95	N	20	31	-	GOSSAN
132	3S051	a	AA?	0.109	0.41	91	N	N	21	-	METASED
133	AJ5GV2754	c	AA	N	N	32	9	20	5	360	HORNFELSED BLACK ARGILLITE
134	AJ5GV2755	c	AA	N	N	8	14	8	3	730	HORNFELSED BLACK SLATE
135	3S136	a	PA	N	N	42	N	140	74	200	DIORITE W/MAG
136	3S134	a	VM	N	N	160	N	190	78	-	ALT ANDESITE
137	3S130	a	CH	N	0.44	8	N	19.9	N	200	JASPER IN ANDESITE W/MAG
138	3S133	a	CH	N	N	5	N	16	N	-	JASPER IN ANDESITE W/MAG
139	3S132	a	VM	N	N	29	N	100	27	N	ANDESITE
140	84ER189	bc	GO	N	0.40	87	43	65	4	530	GOSSAN ALT VOLC + MBL W/PY
141	84ER191	bc	AA	N	0.10	37	4	51	9	200	FE-ST ARGILLITE W/SOME PY
142	AJ5GV2813	c	PA	N	N	18	11	74	15	-	TONALITE
143	AJ5GV2758	c	AA	N	N	48	2	76	28	650	GREY QTZ PHYLLITE
144	AJ5SV006	c	VM?	0.005	0.30	151	13	56	37	900	ALT VOLC W/SPARCE PY, PO
144	AJ5SV005	c	VM	0.015	0.70	228	19	107	55	3000	ALT GREENSTONE W/PY,PO
145	AJ5SV015	c	CA	N	0.20	36	20	59	31	1000	FE-ST LMST W/QTZ, MARAPOSITE
145	AJ5SV016	c	AA	N	0.30	37	18	121	6	600	SHALE
146	AJ5SV014	c	AA	N	0.50	41	29	328	11	10000	BRECCIATED SHALE, QTZ + SCHIST LENS
147	AJ5GV2785	c	AA	N	N	27	8	89	6	30	DARK GREY PHYLLITE W/PY CUBES
148	AJ5SV012	c	QU	N	0.60	220	21	166	83	200	QTZ LENS W/PO
148	AJ5SV011	c	GO	N	0.80	132	26	160	63	300	QTZ + ALT VOLC,GOSSAN W/PO
149	AJ5GV2798	c	AA	N	0.30	16	4	37	2	N	GRAPHITIC PHYLLITE
150	85AFSJR-1	c	VM	N	N	10	3	69	20	560	METABASITE
151	85AFSSJ-13ac		VM	0.001	0.30	69	2	52	26	40	METABASITE
152	AJ5GV2799	c	AA	N	0.20	13	7	37	8	N	SLATE
152	85AFSSJ10d	c	VM	N	N	9	N	191	7	1050	ANDESITIC METATUFF
152	85AFSSJ10c	c	VF	N	N	5	10	105	10	260	METADACITE
152	85AFSSJ10a	c	VM	N	N	23	2	63	26	150	METABASITE
153	85AFSJ6	c	VM	N	N	49	2	102	46	210	METABASALT
154	85AFSJ4-1	c	VF	0.002	0.20	20	6	51	5	560	SILICEOUS METATUFF
155	3E017	a	VF	N	N	38	N	56	N	N	ALT DACITE W/PY
155	85WG278	c	VF	0.001	0.50	21	5	9	16	100	DACITIC METATUFF
155	AJ5GV2682	c	VF	N	N	16	6	11	15	180	METAFELSITE W/PY
156	AJ5GV2808	c	PA	N	N	55	13	42	14	-	HB DIORITE
156	AJ5GV2809	c	PA	N	N	37	17	33	19	-	HB DIORITE
157	85AFSLJT-15c		VM	0.001	N	69	3	96	35	N	METABASITE
158	AJ5GV2795	c	AA	N	0.30	45	20	157	8	650	SLATE
159	AJ5GV2794	c	AA	N	0.50	24	18	72	2	44	SLATE
160	AJ5GV2793	c	AA	N	0.60	38	22	67	6	930	SLATE W/ PYRITE CASTS
161	85AFSLJT-20c		VM	0.004	0.20	122	2	117	43	N	METABASITE
162	AJ5GV2797	c	AA	N	N	47	8	192	7	310	SLATE
163	3E018	a	QU	N	N	38	N	15.1	N	N	QTZ W/PY
164	85AFSLJT-2	c	VF	N	N	4	4	110	49	N	MAFIC METATUFF
164	85AFSLJT-1	c	VM	0.003	N	62	4	71	37	N	METABASITE
165	85WG146	c	VM	0.002	N	22	N	142	45	70	METABASITE
165	AJ5GV2796	c	AA	N	0.20	4	14	212	4	1500	SLATE

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*–Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
166	85WG148	c	VM	0.003	0.30	139	N	80	32	750	PILLOW BASALT
167	85WG151	c	VM	0.005	N	65	N	109	66	N	GREENSTONE
168	AJ5SV017	c	CA	N	0.70	107	22	172	6	6000	FE-ST SHEAR ZONE IN LMST
169	3S028	a	CA	0.590	3.05	550	140	130	11	-	LMST W/PY
170	3S022	a	QU	0.008	N	16	N	N	5.5	-	QTZ VEIN W/SULF
170	3S021	a	VF?	N	N	43	N	N	N	-	SCHIST
171	85AFSMD-2	c	VF?	0.026	0.20	37	16	20	32	4600	QTZ SER SCHIST
171	85AFSMD-3	c	VF?	0.027	0.80	10	5	11	8	2500	QTZ SER SCHIST
171	AJ5SV334	c	VM	0.001	0.30	66	11	234	31	190	PILLOW BASALT
171	AJ5SV156	c	VM	N	0.20	26	2	78	24	500	PILLOW BASALT
171	AJ5SV320	c	VM	0.001	N	10	17	105	22	140	PILLOW BASALT
172	3E010	a	CA	N	N	76	N	44	25	N	LMST
173	3E011	a	CA	0.186	3.69	1200	32	57	180	-	LMST W/PY
174	AJ5SV312	c	QU	N	0.40	10	68	13	3	N	FE-ST QTZ-CALC VEIN
175	AJ5SV310	c	VM	N	N	15	42	200	19	1160	GREENSTONE-ANDESITE
175	AJ5SV311	c	QU	N	N	4	86	15	4	N	QTZ VEIN
176	3E024	a	VM	N	N	14	N	150	35	N	ANDESITE
177	3E025	a	CH?	N	N	16	N	26.9	N	400	SILICIFIED VOLC W/PY
178	3E026	a	VM	N	N	38	N	110	41	300	ANDESITE W/PY
179	85AFSHC-2	c	VM	0.002	N	7	3	192	22	150	METABASITE
179	85AFSHC-6	c	VM	0.013	N	35	4	42	8	2100	METABASITE
179	85AFSHC-4a	c	VM	N	N	22	9	215	18	720	METABASITE
179	85AFSHC-3a	c	VF?	N	1.30	39	28	11	18	2050	QTZ SER SCHIST
180	84ER30	c	VM	0.002	N	22	34	590	37	N	METABASITE
180	84ER29	c	VF	N	N	1	N	85	1	340	METARHYOLITE
181	AJ5GV2810	c	PA	N	N	22	13	54	14	-	HB BIO GRANODIORITE K/AR
182	84ER39	c	VM	N	N	43	4	52	16	50	METABASITE
182	3E023	a	VM	N	N	32	N	130	41	N	METABASALT
183	4S063	a	VM	N	N	31	18	98	51	140	FE-ST GREENSTONE + SCHIST W/PY
184	4S062	a	VM	N	N	130	22	210	56	1770	FE-ST ANDESITES
185	4S056	a	VF?	N	N	9	22	45	N	2000	SER SCHIST
185	4S054	a	VF?	N	N	70	41	130	N	1800	QTZITE + CALC + SCHIST W/BA
185	4S053	a	VM	N	N	110	N	150	60	900	GREENSTONE
186	3E030	a	AA	N	N	110	N	51	N	800	FE-ST PHYLLITE W/PY
186	4S059B	a	VF	N	N	8	N	53	8	2.98	WHITE PHYLLITE
186	4S057	a	QU	N	N	14	N	27	N	350	QTZ CALC VEIN
186	4S060	a	VM	N	N	150	30	110	58	1180	GREENSTONE (BLOCKY)
186	4S058	a	QU	0.012	1.21	960	26	57	330	410	QTZ CALC VEIN W/4" PO LENS
187	84ER69	bc	QU	0.010	0.70	335	4	8	47	N	QTZ VEIN IN SLATE W/PO
188	AJ5GV2744	c	AA	N	0.50	31	11	286	5	2000	CRENULATED BLACK PHYLLITE
189	4S072	a	AA	N	N	19	N	84	7	1630	FE-ST SHALE
190	AJ5GV2743	c	AA	N	N	33	9	126	N	2700	FISSILE BLACK SLATE W/PY CUBES
191	AJ5GV2742	c	AA	N	N	21	18	66	3	2000	FISSILE BLACK SLATE W/PY CUBES
192	AJ5SV211	c	AA	N	0.30	44	2	267	9	3100	SLATE
193	AJ5WV982	c	AA	N	0.20	38	7	262	4	1490	FE-ST SLATE
193	84ER65	c	AA	N	1.00	22	16	243	2	730	SLATE W/PY-CUT BY FELSIC SILLS
193	AJ5GV2741	c	AA	N	1.30	10	13	185	1	1200	BLACK SLATE W/PY BAND
194	3E028	a	VM	N	N	75	N	930	N	N	METABASALT

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*–Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
195	AJ5GV2542	c	AA	N	0.40	86	11	131	3	4500	HORNFELSED SLATE
196	AJ5WV924	c	QU	N	0.40	15	N	28	N	550	FE-ST QTZ W/SULF
196	AJ5WV923	c	VF?	N	0.50	31	7	92	N	2030	FE-ST YELLOW SLATE
197	AJ5SV124	c	PA	0.005	0.30	14	3	54	7	180	DIORITE
198	AJ5SV125	c	QU	0.005	N	17	2	22	3	280	QTZ VEIN W/CP
198	AJ5SV126	c	AA	N	0.50	29	4	49	2	2500	SLATE W/SULF
199	84ER64	bc	AA	N	0.40	36	5	53	4	1100	FE-ST HORN SLATE CUT BY DIORITE DIKES
200	AJ5GV2543	c	AA	N	0.20	79	4	136	2	2400	HORNFELSED SLATE
201	AJ5WV1511	c	AA	N	0.70	74	7	281	9	4200	SLATE
201	AJ5WV1513	c	AA	N	0.50	51	9	465	5	3600	FE-ST SLATE
201	AJ5WV1515	c	PA	N	0.20	3	4	43	3	820	DIORITE
201	AJ5WV1514	c	PA	N	0.30	10	6	44	5	650	DIORITE
201	AJ5WV1512	c	CA	N	0.40	3	13	45	2	90	CALC BAND AT CONTACT W/DIORITE-SLATE
202	AJ5SV080	c	AA	N	0.40	30	7	52	7	2800	FE-ST SLATE
202	AJ5SV079	c	PA	N	N	20	5	40	7	1340	FE-ST DIORITE
203	AJ5SV081	c	QU	N	N	8	N	14	12	N	QTZ VEIN
204	AJ5SV082	c	AA	N	0.50	79	5	102	10	1560	FE-ST SLATE
204	84WG131	bc	AA	N	0.10	36	6	84	5	1500	FE-ST ARGILLITE
205	3E027	a	VM	N	N	24	N	88	46	300	METABASALT
206	AJ5GV2752	c	AA	N	0.30	63	8	130	13	1200	DARK GREY SPOTTED PHYLLITE
207	AJ5WV919	c	QU	N	N	1	4	2	2	N	QTZ VEIN
207	AJ5SV119	c	QU	N	0.50	160	10	10	14	-	FE-ST QTZ VEIN
207	AJ5WV918	c	VM	N	0.30	55	17	45	25	640	FE-ST BASALT
207	AJ5WV920	c	AA	N	0.50	58	16	85	15	760	FE-ST SLATE W/SULF
207	AJ5SV118	c	VM?	N	N	58	7	60	24	-	BASALT OR DIKE
207	AJ5SV117	c	QU	N	0.30	52	12	8	1	-	FE-ST QTZ VEIN
208	AJ5SV122	c	CA	N	0.30	111	9	20	15	-	SKARN ZONE, MBL, GOSSAN, DIORITE
208	AJ5SV123	c	CA	N	N	45	8	11	9	-	SKARN ZONE, MBL, GOSSAN, DIORITE
209	AJ5SV120	c	QU	N	0.60	389	10	18	66	600	QTZ W/MAG, CP, SKARN
210	AJ5WV922	c	PA	N	0.20	363	14	15	48	170	DIORITE W/SULF
211	AJ5GV2566	c	AA	N	0.30	249	6	11	4	700	BRECCIATED SLATE
212	84WG154	d	PA	N	N	N	12	97	28	216	HORNBLENDE DIORITE
213	AJ5GV2567	c	SU	N	0.20	373	5	60	51	800	PO VEIN
214	AJ5SV349	c	QU	N	N	2	127	21	N	-	FE-ST QTZ VEIN
214	AJ5SV350	c	QU	N	0.80	10	51	373	16	-	QTZ VEIN
214	AJ5WV873	c	QU	N	N	20	9	5	2	-	QTZ VEIN
215	84WG156	bc	QU	0.020	0.10	27	4	7	2	N	QTZ VEIN
216	AJ5GV2568	c	QU	0.020	1.50	57	13	6	3	N	QTZ VEIN (LOWER)
216	AJ5GV2569	c	QU	N	0.30	56	12	28	10	N	QTZ VEIN (UPPER)
217	AJ5WV838	c	CA	N	N	149	11	49	20	1780	FE-ST BEDS IN LMST
218	AJ5GV2572	c	CA	N	0.50	335	3	41	56	N	SULF-BEARING SKARN
219	AJ5GV2571	c	QU	0.015	0.40	48	5	7	2	70	QTZ VEIN
219	AJ5GV2570	c	CA	N	N	224	8	6	13	N	GARNET-HEAVY SULF SKARN
220	84WG158	bc	SU	N	1.80	2010	10	8	940	50	MASSIVE SULF LENS
221	AJ5SV172	c	PA	N	N	40	5	37	16	70	GABBRO+EP QTZ VEINLET
222	AJ5SV168	c	PA	N	N	13	9	42	13	270	DIORITE
223	AJ5SV166	c	AA	0.005	1.00	95	17	314	19	1160	SLATE
224	84WG172	bc	AA	N	0.30	33	8	50	4	1700	FE-ST HORNFELSED ARGILLITE

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*—Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
225	84WG170	bc	AA	N	0.30	50	7	72	17	1600	HORNFELSED ARGILLITE
226	84WG191b	bc	PA	0.060	0.30	10	59	54	9	940	QTZ-FELDSPAR DIKE
226	84WG191a	bc	SU	N	0.30	54	33	92	22	700	GOUGE W/SULF
227	3S100	a	VM	N	N	70	58	N	61	-	GREENSTONE
228	AJ5SV347	c	AA	N	N	69	9	139	11	-	HORNFELS OR SLATE
229	AJ7WV1739	c	GO	0.068	1.30	370	N	20	4	-	YELLOW GOSSAN
229	AJ7SV618	c	CA	N	-	720	5	415	141	-	SKARN
229	AJ7SV617	c	GO	N	-	158	17	600	2	-	GOSSAN
229	AJ7WV1740	c	PA	N	1.20	3400	N	21	245	-	FE-ST DIORITE W/PY
229	AJ7WV1737	c	GO	N	0.70	134	N	19	1	-	GOSSAN IN DIORITE
229	AJ7SV616	c	CA	N	-	189	N	92	3	-	SKARN
229	AJ7SV619	c	CA	N	-	205	2	134	2	-	HB-GT SKARN
229	AJ7WV1738	c	GO	0.068	1.30	56	3	19	1	-	LEACHED GOSSAN
230	3S102	a	GO	N	N	100	280	74	84	-	GOSSAN
231	3E031	a	VM	N	N	32	N	140	51	200	BASALT
232	3E032	a	VM	N	N	43	N	110	24	100	BASALT
233	3S103	a	VM	N	N	140	86	N	90	-	AMPHIBOLITE
234	AJ6WV1623	c	AA	N	0.60	55	8	340	9	1720	FAULT ZONE IN SLATE W/SULF
235	AJ6WV1624	c	AA	N	0.70	86	13	131	12	5060	FAULT ZONE IN SLATE W/SULF
236	AJ5GV2724	c	AA	N	0.20	27	10	31	10	16000	BLACK QTZITE
237	AJ5SV164	c	AA	0.005	N	37	7	82	8	870	SLATE
238	AJ7WV1750	c	QU	N	0.30	10	2	31	4	-	QTZ VEIN IN DIKE
239	AJ7GV6150	c	AA	N	0.20	28	4	152	2	2300	BLACK SLATE W/O SULF
239	AJ7GV6151	c	AA	N	1.60	141	37	730	23	2200	SLATE W/20% VISIBLE PY
240	AJ5GV2559	c	PA	0.015	N	84	11	254	28	2000	FELSIC DIKE W/PY
240	AJ5GV2558	c	QU	N	N	106	9	97	12	130	QTZ VEIN W/PY
241	AJ5GV2557	c	AA	0.005	0.50	18	18	65	39	7800	SHALE W/PY
241	AJ5GV2556	c	QU	0.040	N	18	8	61	38	80	QTZ VEIN W/PY
242	AJ5GV2555	c	PA	N	N	32	10	233	41	1060	FELSIC DIKE W/PY
242	AJ5GV2554	c	AA	2.595	3.00	40	42	381	43	3000	SLATE W/PY BANDS
243	AJ5SV162	c	AA	N	0.40	53	16	261	8	2180	SLATE
244	84WG218b	bc	AA	N	0.80	66	10	820	5	-	SHEARED SLATE
244	AJ5GV2726	c	AA	N	0.70	14	15	305	8	1000	PYRITIC BLACK SLATE
244	84WG218a	bc	PA	N	0.20	41	9	150	28	-	FELSIC DIKE
245	AJ5GV2725	c	AA	N	0.80	53	5	157	8	3200	DARK GREY PYRITIC SLATE
246	AJ7WV1736	c	GO	0.206	1.40	126	13	785	25	-	GOSSAN IN DIORITE
246	AJ7WV1733	c	QU	3.396	2.30	8	14	3550	1	-	FE-ST QTZ VEIN IN DIKE W/ASPY
246	AJ7WV1735	c	SU	7.031	5.30	26	42	685	4	-	ASPY VEINLET IN DIKE W/GOSSAN
246	AJ7WV1734	c	QU	0.583	0.50	4	7	210	3	-	FE-ST QTZ VEIN IN DIKE W/ASPY
246	AJ7SV613	c	QU	11.422	-	5	37	225	1	-	QTZ VEIN
246	AJ7SV612	c	QU	1.784	-	4	N	575	6	-	QTZ VEIN
247	AJ7SV614	c	AA	0.103	-	56	7	225	7	-	SLATE W/PY BANDS
248	84WG79	bc	AA	0.010	1.10	12	5	159	8	1600	DARK GREY SILTSTONE W/PY
249	84WG80	bc	CH	N	0.10	6	8	7	1	15000	FE-ST GREY-GREEN CHERT W/PY
250	84WG216	bc	CA	N	N	6	7	15	2	120	LMST BRECCIA
251	AJ5SV160	c	AA	0.010	0.20	34	12	156	6	3500	SLATE W/PY
252	AJ5SV041	c	AA	0.010	0.50	39	25	272	4	20000	FE-ST SLATE
252	AJ5SV043	c	PA	N	0.20	123	9	145	22	20000	DIKE

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*—Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
252	AJ5GV2761	c	AA	N	0.40	40	8	220	12	1600	BLACK SLATE W/PY CUBES
253	AJ5GV2760	c	AA	N	0.90	17	6	63	4	5100	FISSILE FE-ST BLACK SLATE
254	AJ5SV045	c	AA	N	0.30	41	13	297	5	20000	FE-ST SLATE W/10% QTZ
255	AJ5SV158	c	AA	0.005	0.90	37	13	172	3	1680	SLATE
256	AJ5SV021	c	AA	N	0.20	53	14	84	24	2000	FE-ST SLATE
256	AJ5SV022	c	GO	0.010	N	8	25	96	2	2000	FE-ST BAND W/CLAY, GOSSAN, SULF
257	AJ5SV023	c	AA	0.005	0.40	41	29	61	2	2000	FE-ST SLATE
258	AJ5SV046	c	PA	N	0.20	85	17	166	36	800	DIKE IN SLATE W/PY
259	AJ5SV024	c	AA	N	0.20	46	19	238	8	800	SLATE W/4% PY
260	3S255	a	CA	N	N	56	N	180	N	500	LMST
261	AJ5SV002	c	AA	N	0.20	21	15	31	6	2000	SLATE
261	AJ5SV001	c	AA	0.010	0.50	27	12	244	2	4000	SLATE
262	AJ5WV953	c	QU?	N	N	70	15	44	18	510	LMST W/SCHIST-QTZ VEINS W/SULF
262	AJ5WV954	c	QU	N	N	38	12	33	16	520	QTZ VEINS W/SULF
263	AJ5WV949	c	CA	N	N	8	6	8	2	N	LMST
263	AJ5WV950	c	PA	N	N	42	14	52	21	320	DIKE
264	3S246	a	CA	N	1.02	16	N	74	N	N	LMST
265	3S244	a	AA?	N	N	75	N	210	46	N	PHYLLITE
266	AJ5WV948	c	CA	N	N	6	10	10	N	N	LMST
267	AJ5WV945	c	CA	N	N	9	6	13	1	N	LMST
267	AJ5WV947	c	CA	N	N	10	13	20	2	N	LMST W/SULF
267	AJ5WV946	c	PA	N	N	95	4	76	29	N	DIKE
268	AJ5WV944	c	CA	N	N	16	12	156	N	50	GRAY & WHITE BANDED LMST
268	AJ5WV943	c	CA	N	N	10	10	36	N	N	WHITE LMSST
269	AJ5GV2680	c	CH	0.020	N	22	4	41	3	730	METACHERT W/PY
270	3S253	a	VM	N	N	110	N	99	N	800	ANDESITE
271	AJ6SV494	c	CH	0.068	1.00	379	2	77	47	N	FE-ST CHERTY EXHALITE W/CP
272	AJ5WV956	c	PA	N	N	110	8	44	21	790	DIKE W/SULF
272	AJ5WV957	c	AA	N	0.20	41	19	67	9	4300	SLATE W/SULF
272	84ER174	c	VM	0.003	0.10	116	N	48	19	1700	HORNFELSED BASALT
273	AJ8SV1071	c	CH	0.006	0.10	48	4	79	6	1100	DARK GREEN CHERT W/SULF
273	AJ8WV1857	c	CH	0.005	0.10	49	6	62	7	1100	FE-ST GREEN CHERT W/PY
274	AJ8SV1072	c	CH	0.006	0.10	106	2	42	20	770	GREY-BLACK CHERT W/SULF
274	AJ8WV1858	c	CH	N	N	85	4	49	20	2700	GREY CHERT W/SULF
275	AJ5GV2756	c	AA	N	0.60	28	36	22	6	480	BLACK PHYLLITE
276	85WG273a	c	VM	0.003	0.20	51	N	30	9	420	METABASALT
276	85WG273b	c	CH	0.269	0.30	12	N	3	N	N	PYRITIC GREEN CHERT
276	AJ5GV2678	c	CH	0.155	N	38	4	6	2	50	METACHERT W/PY
277	AJ5GV2634	c	VF	N	N	8	22	13	2	11100	FELSITE W/DISSEM SULF
278	AJ6SV495	c	CA	N	N	20	4	10	N	30	DOLOMITE BARITE
278	AJ6SV496	c	CA	N	0.20	10	3	6	N	N	DOLOMITE BARITE
279	AJ6GV2830	c	AA	N	0.70	29	8	33	2	4150	SLATE
280	AJ5GV2730	c	AA	N	0.20	54	19	225	26	1700	HORNFELSED BANDED SILTSTONE
281	AJ5GV2731	c	AA	N	0.30	87	16	143	21	1700	BANDED SILTSTONE
282	AJ5GV2732	c	AA	N	0.40	47	12	129	20	1400	BANDED SILTSTONE
283	AJ5WV820	c	AA	N	0.20	68	9	86	13	1450	SLATE W/SULF
283	84ER5	bc	AP	N	0.50	168	20	670	11	1600	HORNFELSED BLACK ARGILLITE W/PY VEIN
284	AJ5WV821	c	QU	0.015	N	54	8	175	4	N	VUGGY QTZ

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*—Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
285	84ER7	bc	AA	N	0.50	68	9	151	15	-	FE-ST ARGILLITE
286	AJ5WV822	c	AA	N	N	57	7	137	19	1560	SLATE
287	AJ5WV823	c	VM	N	N	89	7	35	26	350	AMPHIBOLITE
288	AJ5WV824	c	PA	N	N	54	4	53	21	270	DIORITE
289	AJ5WV825	c	QU	0.440	0.30	2	3	9	6	60	VUGGY QTZ
290	AJ5WV826	c	PA	0.005	N	18	10	52	12	240	DIORITE W/SULF
291	AJ5WV827	c	PA	0.010	N	29	3	49	14	210	DIORITE
292	AJ5GV2807	c	PA	N	N	62	9	40	25	-	HB DIORITE
293	84ER124	bc	AA	0.010	0.30	303	4	19	38	110	FE-ST HORNFELSED SLATE W/PO
294	84ER125	bc	PA	N	0.90	38	8	173	2	260	FE-ST DIORITE W/PY
295	AJ7GV6152	c	AA	N	1.30	19	6	82	N	2100	DARK GREY SLATE
295	AJ7GV6153	c	PA	N	0.10	50	33	225	24	370	FELSITE DIKE
296	AJ7GV6148	c	AA	N	0.60	15	7	28	N	4900	SLATE + BANDED ARGILLITE
297	AJ5SV184	c	AA	N	0.40	51	10	400	6	4500	SLATE
298	AJ5BV2534	c	AA	0.025	0.50	13	22	117	13	-	SLATE W/PY
298	AJ5BV2533	c	AA	N	0.40	36	19	415	5	-	SLATE W/PY
299	AJ5BV2532	c	GO	N	0.40	42	17	396	30	-	GOSSAN
300	AJ5BV2536	c	PA	0.020	0.90	5	12	31	28	-	DACITE DIKE
300	AJ5BV2535	c	AA	0.005	0.70	84	32	1010	8	-	SLATE W/PY
301	AJ5SV249	c	SU	N	0.20	28	9	203	2	1170	SULF BAND IN SLATE
302	AJ5SV246	c	AA	N	N	213	8	1195	10	1060	SLATE
302	AJ5SV247	c	AA	N	0.20	75	2	480	2	1720	SLATE W/PY
303	AJ5SV244	c	AA	N	0.80	66	12	109	10	3300	SLATE
303	AJ5SV241	c	AA	0.010	0.90	14	10	58	19	3300	SLATE W/PY
303	AJ5SV243	c	QU	N	0.20	19	8	1780	4	190	QTZ-CALC VEIN
304	AJ5SV238	c	PA	N	N	71	9	135	26	320	DIKE
304	AJ5SV237	c	QU	N	N	25	3	48	7	550	QTZ-CALC VEIN
304	AJ5SV240	c	FA	N	0.80	77	8	62	4	4000	FAULT GOUGE
304	AJ5SV239	c	AA	N	0.40	64	9	138	5	3600	FE-ST SLATE
305	AJ7GV6149	c	AA	N	1.80	39	20	166	8	2500	SLATE
306	AJ7SV609	c	AA	N	0.70	118	2	385	33	-	SLATE W/PY(20%) + QTZ
306	AJ7SV607	c	AA	N	1.50	150	N	120	9	-	PY-RICH (30%) BAND IN SLATE
306	AJ7WV1729	c	AA	N	1.00	29	9	280	-	-	PY BAND IN SLATE
306	AJ7SV610	c	QU	N	2.10	220	12	76	19	-	QTZ PY VEIN
306	AJ7SV605	c	AA	0.068	0.80	71	4	780	89	-	CARBONACEOUS SLATE W/LARGE PY
306	AJ7SV606	c	PA	N	0.40	67	N	128	94	-	LIGHT TAN-GRAY DIKE
306	AJ7WV1730	c	QU?	N	1.40	68	14	360	-	-	FE-ST DIKE + QTZ IN FAULT ZONE
306	AJ7SV608	c	QU	N	0.20	17	N	22	77	-	QTZ VEIN
306	AJ7WV1728	c	AA	N	1.30	90	10	315	-	-	SLATE W/PY + QTZ-SULF VEINLETS
306	AJ7WV1727	c	QU	N	0.60	86	4	220	-	-	DIKE W/QTZ VEINS W/PY
306	AJ7SV611	c	QU	0.309	0.50	75	2	235	18	-	QTZ + SLATE GOSSAN
307	4S191	a	QU	8.595	2.37	41	N	9.5%	230	180	QTZ W/PY+SL IN TAN ORANGE DIKE
307	4S189	a	CA	24.830	1.21	42	N	280	31	1190	LMST BAND W/PY, SL
307	4S190	a	QU	1.369	0.47	57	N	650	89	360	3 QTZ VEINS W/SULF
307	4S192	a	QU	1.669	0.77	41	N	13.4%	19.8	1720	SL RICH GRAB-FROM QTZ VEIN IN DIKE
308	AJ6GV2935	c	AA	N	0.60	14	4	43	N	4910	SLIGHTLY PYRITIC BLACK SLATE
309	AJ6GV2934	c	AA	N	0.40	9	7	40	N	3290	BLACK SLATE
310	AJ5GV2728	c	AA	N	0.30	16	15	56	N	4200	SHEARDED PYRITIC BLACK SLATE

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*–Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
311	AJ5WV991	c	AA	N	1.30	98	8	555	9	3000	SLATE
312	4S145	a	AA	1.030	17.14	89	24	140	19.8	530	HORNFEL SED SLATE? W/FINE SULF
313	4S144	a	QU	0.698	N	11	N	58	130	N	QTZ VEIN
314	AJ5GV2707	c	AA	0.005	2.20	3	14	8	3	1900	DARK GREY SLATE W/MINOR PY
315	84WG117a	bc	AA	N	0.60	41	10	83	2	2800	FE-ST SLATE
315	84WG117b	bc	PA	N	N	24	3	98	16	490	FELSITE SILL
316	84WG111	bc	AA	0.005	0.70	73	13	165	3	4100	BLACK SLATE
317	AJ5GV2705	c	AA	N	2.30	21	11	300	1	870	BLACK ARGILLITE
318	AJ5GV2704	c	AA	N	N	37	10	27	4	700	HORNFELSED BANDED ARGILLITE
319	AJ5SV182	c	AA	N	N	21	7	59	3	700	SLATE W/DISSEM PY
320	84WG108	bc	QU	N	0.40	36	11	80	14	-	QTZ VEIN
321	AJ5GV2703	c	AA	N	0.30	56	9	119	21	1800	BLACK HORNFELSED ARGILLITE
322	AJ5SV180	c	AA	N	0.90	35	15	58	4	980	SLATE W/DISSEM PY
323	84WG222	bc	AA	N	0.70	31	14	98	4	970	FE-ST SLATE W/PY
324	AJ5SV351	c	AA	0.010	N	140	11	760	4	-	FE-ST SLATE
325	AJ5WV874	c	AA	N	19.00	27	1070	21	3	-	SLATE
326	AJ5SV178	c	AA	N	0.20	65	8	185	15	1280	SLATE W/DISSEM PY
327	AJ5GV2736	c	AA	N	0.20	41	5	113	17	1100	HORNFELSED BLACK SLATE
327	84ER27	bc	AA	N	0.20	58	9	101	14	700	HORNFELSED SLATE AND SILTSTONE
328	AJ5GV2541	c	PA	N	N	246	12	154	63	560	SHATTERED DIORITE AT CONTACT W/PO
328	AJ5WV840	c	AA	N	0.30	188	3	38	55	550	HORNFELSED SLATE W/SULFIDES
328	AJ5GV2540	c	CAS	N	N	140	20	267	8	1270	HORNFELSED MBL SKARN
329	AJ5WV841	c	PA	N	0.20	114	2	30	7	1080	DIORITE
330	AJ5WV842	c	QU	3.025	0.20	154	N	17	21	60	FE-ST QTZ VEIN W/VUGS
331	AJ5WV843	c	PA	0.010	N	41	2	35	29	70	DIORITE
331	AJ5WV844	c	QU	N	N	4	12	12	3	N	QTZ VEIN
332	AJ5GV2817	c	PA	N	N	80	14	19	16	-	DIORITE
333	AJ5GV2727	c	AA	N	N	114	14	119	17	880	HORNFELSED DARK GREY ARGILLITE
334	AJ5SV176	c	AA	N	N	77	7	90	14	630	SLATE W/DISSEM PY
335	84WG68	d	PA	N	N	12	12	80	29	390	GRANODIORITE
336	84WG102	bc	AA	N	0.30	91	4	78	18	730	HORNFELS
337	AJ5WV651	c	QU?	0.005	0.90	98	94	60	19	230	FE-ST QTZ, MBL W/SULF
337	AJ5WV652	c	AA	0.005	1.80	126	265	70	15	980	FE-ST SLATE W/QTZ AND SULF
338	AJ5SV174	c	PA	N	N	59	6	31	11	180	DIORITE W/TRACE OF PY
339	84WG113	d	PA	N	N	N	12	68	22	410	HB DIORITE
339	AJ5GV2816	c	PA	N	N	17	5	68	19	-	HB DIORITE
340	AJ7WV1758	c	PA	0.068	0.40	190	6	192	-	-	DIORITE W/SULF
341	AJ7WV1757	c	PA	N	0.70	270	12	60	-	-	DIORITE W/SULF
342	AJ7SV632	c	PA	N	-	152	3	21	14	-	PY AND PO RICH DIORITE AT CONTACT
342	AJ7SV633	c	QU	N	-	85	3	20	5	-	QTZ VEIN IN ROOF PENDANT
343	AJ7SV636	c	CA	N	-	7	5	75	2	-	SKARN
344	AJ7WV1761	c	VM	N	0.30	230	4	66	-	-	GREENSTONE W/QTZ VEINLETS + PY
344	AJ7SV634	c	CA	N	-	192	6	78	18	-	CONTACT METAMORPHIC ROCK
345	AJ7WV1760	c	CA	N	0.30	77	2	78	-	-	SKARN
345	AJ7WV1759	c	PA	N	0.40	72	7	19	-	-	SULF-RICH ZONE IN DIORITE
345	AJ7SV635	c	CA	N	-	87	5	28	9	-	HB SKARN W/QTZ,PO,PY
346	AJ5SV077	c	QU	N	0.30	28	4	62	7	190	QTZ VEIN IN SLATE
347	AJ5SV076	c	AA	N	N	13	3	12	6	2080	HORNFELS CONTACT

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*—Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
347	AJ5SV074	c	PA	N	0.30	25	4	64	15	940	FE-ST DIORITE
347	AJ5SV075	c	PA?	N	0.30	18	5	11	5	690	FELDSPAR + QTZ AT DIORITE/HORNFELS CONTACT
347	AJ5SV073	c	QU	N	0.50	108	5	48	10	200	QTZ VEIN W/SULF IN DIORITE
348	AJ5WV1509	c	AA	N	N	27	4	59	9	1970	FE-ST SLATE
349	AJ5WV1510	c	PA	N	N	14	4	48	13	1330	FE-ST DIORITE
349	AJ5SV078	c	AA	N	N	32	7	17	6	3300	HORNFELS
350	84WG134	bc	AA	N	0.30	22	4	37	1	2600	HORNFELSED ARGILLITE AT PLUTON CONTACT
350	AJ5GV2710	c	AA	N	0.30	54	4	38	N	2200	HORNFELSED ARGILLITE
351	AJ5GV2708	c	AA	N	0.50	21	6	23	N	360	DARK GREY ARGILLITE
352	84WG136	bc	AA	N	0.50	33	4	220	3	340	HORNFELSED ARGILLITE AT PLUTON CONTACT
353	84WG195b	c	AA	N	0.40	43	9	217	6	330	HORNFELSED BLACK ARGILLITE
353	84WG195a	bc	AA	N	0.90	73	8	207	10	1400	HORNFELSED ARGILLITE
354	AJ5GV2818	c	PA	N	N	25	8	66	15	-	GRANODIORITE
355	AJ5GV2711	c	AA	0.005	0.30	16	7	16	N	1200	HORNFELSED BLACK ARGILLITE
356	AJ5GV2712	c	AA	N	0.80	15	9	61	N	1700	BLACK ARGILLITE
357	AJ5SV205	c	PA	N	N	43	3	132	30	1430	DIKE W/SOME SLATE
357	AJ5SV203	c	AA	N	0.60	63	5	294	12	2080	FE-ST SLATE
358	AJ5WV981	c	AA	0.005	0.30	37	12	435	7	2410	SLATE AND QTZ BRECCIA ZONE
359	AJ5BV2537	c	AA	0.015	0.50	68	9	87	2	-	SLATE
360	AJ5BV2538	c	AA	0.010	0.50	64	12	209	10	-	SLATE
361	AJ5GV2622	c	CA	N	N	20	17	50	N	970	HORNFELSED ARGILLICIOUS LMST W/PY
362	AJ5GV2502	c	AA	0.110	0.60	46	8	378	5	-	SLATE
363	AJ5WV978	c	PA	N	N	25	15	144	20	1230	DIKE IN SLATE W/SULF
363	AJ5WV979	c	AA	0.015	0.70	44	15	343	2	2040	SLATE W/SULF
363	AJ5SV201	c	AA	0.015	0.20	33	4	133	3	2400	SLATE
363	AJ5WV977	c	QU	N	N	18	11	58	4	490	QTZ VEIN IN DIKE
363	AJ5SV199	c	QU	N	N	6	2	118	3	360	QTZ-CALC VEIN
363	AJ5SV200	c	PA	N	N	44	5	114	26	1610	DIKE W/PO
364	AJ5GV2715	c	AA	N	0.50	14	9	37	N	2000	FISSILE DARK GREY SILTSTONE
365	AJ5SV057	c	AA	N	N	25	5	52	13	530	FE-ST SLATE
365	AJ5SV063	c	PA	N	0.30	93	5	335	26	720	DIKE W/PO
365	AJ5SV062	c	GO	N	N	135	5	775	29	870	FE-ST GOSSAN FROM DIKE/SLATE CONTACT
365	AJ5SV064	c	AA	N	N	79	10	208	5	2240	SLATE W/0.05' BANDS OF GOSSAN
366	AJ5SV066	c	AA	N	N	27	7	82	7	3400	FE-ST SLATE
366	AJ5SV065	c	AA	N	N	27	4	37	15	880	FE-ST SLATE
367	AJ5SV067	c	AA	N	0.30	16	10	41	6	2170	SLATE
367	AJ5SV068	c	GO	N	0.40	130	9	159	28	1000	FE-ST GOSSAN
368	AJ5SV071	c	AA	N	0.40	14	6	24	6	4200	FE-ST SLATE
368	AJ5SV070	c	PA	N	0.20	135	7	110	43	750	DIKE
368	AJ5SV069	c	GO	N	N	114	11	399	13	400	GOSSAN
369	AJ5SV072	c	AA	N	0.70	42	7	299	6	1150	SLATE
370	84WG161	bc	AA	N	0.30	36	8	53	3	1800	FE-ST SLATE
371	AJ5GV2716	c	AA	N	0.60	36	12	94	2	2600	HORNFELSED BLACK ARGILLITE
372	AJ5GV2729	c	AA	N	N	32	13	77	6	690	BLACK ARGILLITE
373	AJ5GV2713	c	AA	N	0.60	9	4	48	N	3100	BANDED SILTSTONE W/PY
374	84WG146	bc	AA	0.010	0.40	18	13	71	2	2700	SLATE
375	AJ5GV2714	c	AA	N	0.30	29	15	155	1	2500	BLACK PHYLLITIC SLATE
376	AJ5GV2552	c	GO	N	0.40	25	5	565	7	1490	FE-ST GOSSAN AROUND SEEP

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*–Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
377	AJ5SV346	c	QU	N	0.20	38	14	39	16	-	FE-ST QTZ VEINS W/PY
378	85WG6	c	AA	0.060	0.40	14	23	37	19	-	SILICIFIED SLATE W/PY
379	AJ5SV057	c	AA	N	N	25	5	52	13	530	FE-ST SLATE
380	AJ5GV2548	c	CA	N	N	13	14	36	5	220	DOLOMITIC LMST
381	AJ5SV059	c	PA	N	N	159	15	32	33	960	FE-ST DIKE W/PO
381	AJ5SV058	c	PA	N	N	61	10	32	14	1520	FE-ST DIKE W/PO
382	84WG152	bc	AA	0.005	0.50	26	21	51	20	280	FE-ST SILICIFIED ARGILLITE
383	AJ5SV060	c	QU	N	N	12	7	17	5	N	QUARTZ W/1% SULF
384	AJ5SV061	c	PA	N	N	15	10	27	9	680	FE-ST DIORITE W/PO
385	84WG150	bc	AA	0.030	0.60	21	12	24	3	2000	SILICIFIED ARGILLITE W/PY
386	AJ6WV1551	c	QU	N	N	6	2	3	2	N	QTZ VEIN W/SULF, FE-ST
386	AJ6WV1552	c	AA	0.068	N	13	5	22	2	970	SLATE
386	AJ6SV417	c	QU	N	0.20	7	26	102	N	N	QTZ VEINS 0.05'-0.1' THICK W/SPARSE PY
386	AJ6WV1550	c	QU	0.068	N	10	N	9	5	220	QTZ VEIN W/SULF, FE-ST
387	AJ6SV418	c	QU	N	N	34	11	124	10	1000	FE-ST QTZ VUGGY W/PY, SL
388	AJ6SV419	c	GO	0.068	N	152	12	304	3	1700	GOSSAN ZONE IN SLATE
389	AJ6WV1553	c	PA	N	N	102	5	100	27	350	DIKE W/SULF
390	AJ6SV391	c	AA	N	0.70	42	9	315	3	2000	FE-ST SLATE
391	AJ6WV1554	c	AA	N	1.50	118	108	1280	19	1700	FAULT GOUGE IN SLATE/ DIKE W/SULF
392	AJ6GV2833	c	AA	N	0.60	21	10	200	1	1670	SLATE
393	AJ6SV420	c	AA	N	0.40	48	6	384	5	2600	FE-ST SLATE W/<1% PY
394	AJ5GV2778	c	AA	N	N	41	20	143	25	670	DARK GREY SLATE
395	AJ6WV1556	c	QU	N	N	38	N	170	6	200	QTZ W/DIKE AND SULF, FE-ST
395	AJ6WV1557	c	AA	N	0.60	24	3	160	2	2000	FE-ST SLATE
396	AJ6WV1558	c	AA	N	0.70	59	6	218	3	2100	SLATE
397	AJ6SV422	c	AAQ	N	1.600	40	49	170	2	820	FE-ST SLATE W/1% SULF
397	AJ6SV421	c	QU	N	N	22	N	90	5	130	QTZ-CALC VEIN W/VUGS
398	AJ6WV1610	c	AA	N	0.50	49	12	51	5	7030	FE-ST SLATE
399	AJ6WV1611	c	AA	N	0.90	25	7	98	1	2310	FE-ST SLATE W/SULF
400	AJ6WV1612	c	AA	N	2.10	64	8	186	1	2470	FE-ST SLATE
401	AJ6WV1613	c	AQA	N	0.60	77	3	268	3	1590	FE-ST SLATE
402	AJ6SV464	c	QU	0.210	3.000	31	67	1375	16	130	12 VUGGY QTZ LADDER VEINS IN DIKE W/PY
402	AJ6SV465	c	QU	1.030	5.40	37	56	107	11	150	HIGH GRADE OF BEST VEIN-#AJ6SV464
402	AJ6SV463	c	AA	N	0.90	80	8	485	6	4260	FE-ST SLATE W/SPARSE PY
403	84ER43	d	PA	N	N	N	12	69	26	254	HB DIORITE
404	AJ5GV2737	c	AA	N	N	53	6	129	24	1400	HORNFELSED BLACK SILTSTONE + SED BRECCIA
405	84ER47	bc	AA	N	0.50	94	14	210	14	1400	HORNFELSED ARGILLITE W/PY
406	AJ5SV232	c	AA	N	0.30	49	5	60	6	2150	FE-ST SLATE
406	AJ5WV808	c	QU	0.025	N	9	4	10	2	280	QTZ VEIN IN SLATE
406	AJ5SV230	c	PA	N	N	18	12	88	24	190	DIKE+VUGGY QTZ VEIN
406	AJ5WV809	c	FA	0.005	0.60	36	9	84	6	780	FAULT ZONE
406	AJ5SV231	c	PA	N	N	7	6	31	39	120	DIKE
407	AJ5GV2738	c	AA	N	N	9	3	20	1	2500	HORNFELSED DARK GREY SLATE
408	84WG143	bc	QU	0.005	0.20	30	5	97	17	800	QTZ-FELDSPAR DIKE W/PO
409	AJ6SV462	c	AA	N	0.50	115	7	204	6	2500	SLATE W/SPARSE PY
410	AJ6SV389	c	QU	N	0.30	6	5	295	2	270	QTZ-CALC VEIN
411	AJ6SV388	c	AA	N	1.70	54	11	290	6	2600	FE-ST SLATE W/SPARSE PY
411	AJ6WV1562	c	AA	N	3.40	90	64	555	4	2670	FE-ST SLATE W/SOME LMST, QTZ

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*–Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
412	AJ6WV1563	c	AA	N	0.80	80	22	235	2	2210	FE-ST SLATE
413	AJ6WV1564	c	AA	N	0.60	32	60	142	3	2170	FE-ST SLATE W/LIMEY SLATE
414	AJ6WV1565	c	AA	N	0.50	74	18	240	5	2240	FE-ST SLATE
415	AJV6U6350	c	AA	N	2.40	60	7	344	9	2100	FE-ST SLATE
415	AJV6U6351	c	AA	N	N	41	2	830	35	80	FE-ST SANDSTONE W/PO
416	AJV6U6354	c	AA	N	0.30	24	6	15	N	2100	SLATE FE-ST
416	AJV6U6353	c	AA	N	0.40	43	16	130	6	3900	FE-ST SLATE
416	AJV6U6352	c	AA	N	0.30	11	7	194	2	2100	FE-ST SLATE
417	AJ5GV2779	c	AA	N	N	70	8	139	18	1900	DARK GREY SLATE
418	AJ6GV2832	c	AA	N	1.40	210	7	195	4	1600	SLATE
419	AJ6WV1544	c	AA	N	0.90	57	31	42	3	3700	FE-ST SLATE W/SULF
420	AJ6SV414	c	AA	N	0.50	98	10	24800	4	1300	SLATE
421	AJ6WV1549	c	QU	N	N	20	3	40	3	N	QTZ-CALC VEIN W/SULF
422	AJ6WV1545	c	AA	0.068	0.40	69	33	62	4	3400	SLATE
423	AJ6WV1548	c	AA	N	1.10	18	10	92	4	2600	FE-ST SLATE W/SULF
424	AJ6GV2831	c	AA	N	1.70	82	14	88	18	2050	SLATE
425	AJ6WV1547	c	AA	N	0.40	34	12	94	2	2900	WHITE AND FE-ST SLATE W/SULF
426	AJ6SV401	c	AA	N	0.40	48	4	129	2	2700	FE-ST SLATE
427	AJ6SV400	c	AA	N	0.40	33	7	129	N	2300	FE-ST SLATE
428	AJ5WV994	c	GO	N	N	61	17	209	2	490	GOSSAN ON SLATE
429	AJ5WV995	c	AA	N	0.30	24	14	86	3	3900	SLATE
430	AJV6U6317	c	AA	N	0.20	33	11	380	-	-	SHALE W/DISSEM PO
431	84ER75	bc	AA	N	0.30	65	17	128	3	2800	BLACK PHYLLITE W/QTZ VEINS + PY
432	AJ5GV2745	c	AA	0.025	1.10	11	11	41	N	3900	FISSILE BLACK SLATE
433	AJ6GV2938	c	CA	N	0.20	23	N	288	2	-	DARK GREY LMST
433	AJ6GV2936	c	AA	N	0.60	41	7	220	4	3790	BLACK SLATE AND ARGILLITE
433	AJ6GV2937	c	PA	N	0.30	42	N	83	23	820	FELSIC DIKE W/QTZ VEINLETS
434	AJ5SV233	c	AA	N	0.20	44	8	102	9	2000	FE-ST SLATE W/SULF
435	AJ5GV2763	c	AA	N	0.50	55	12	194	21	1200	BLACK ARGILLITE W/PY LAMINAE
436	AJ5GV2762	c	AA	N	N	50	14	92	7	2800	BLACK SLATE
437	AJ5WV985	c	AA	N	0.50	45	21	74	6	1640	SLATE
438	AJ5WV989	c	AA	N	0.60	50	12	142	6	3800	SLATE W/SULF
439	AJ6SV448	c	AA	N	0.50	79	11	105	6	3180	SLATE W/<1% PY
440	AJ6SV449	c	AA	N	0.60	83	10	225	10	2620	FE-ST GOSSANY SLATE W/1% PY
440	AJ6SV450	c	AA	N	0.90	84	9	225	6	3750	SLATE
441	AJ6SV399	c	AA	0.103	1.20	54	10	480	7	3500	FE-ST SLATE
442	AJ6SV398	c	AA	N	0.80	43	4	380	5	4200	FE-ST SLATE
443	AJV6U6315	c	AA	N	1.00	23	10	230	-	-	FE-ST SLATE W/CALC
444	AJV6U6316	c	PA	N	N	5	9	124	-	-	RHYOLITE DIKE W/PO, PY <1%
445	84ER76	bc	AA	0.015	0.50	31	13	5	2	3000	FE-ST HORNFELSED PHYLLITE W/PY + QTZ VEIN
446	AJ5SV228	c	QU	N	N	15	5	47	8	130	VUGGY QTZ-CALC VEIN
446	AJ5SV229	c	PA	N	N	37	N	98	29	200	DIKE
446	AJ5WV807	c	AA	N	0.80	29	11	105	N	2100	SLATE W/SULF
447	AJ5GV2746	c	AA	N	0.40	74	6	197	40	1600	FISSILE BLACK SLATE W/DISSEM PY
448	AJ5GV2747	c	AA	N	0.70	56	13	42	9	2100	BLACK SLATE W/PY
449	AJ5GV2764	c	AA	N	N	19	14	50	4	2300	BLACK ARGILLITE
450	AJ5GV2553	c	AA	N	0.20	50	9	110	3	1370	HORNFELSED SLATE
451	AJ5GV2765	c	AA	N	0.30	62	12	138	25	1500	DARK GREY ARGILLITE

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*–Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
452	AJ6SV431	c	AA	0.206	0.80	52	12	1140	16	1300	FE-ST SLATE W/SULF
453	AJ6SV429	c	PA	N	N	38	4	66	10	910	DIORITE
454	AJ5GV2751	c	AA	N	0.40	53	5	695	5	2800	BLACK SLATE
455	AJ5WV972	c	CA	N	0.20	12	5	15	2	1120	LMST W/QTZ KNOTS
456	AJ5GV2564	c	PA	N	0.20	41	8	38	29	480	DIORITE W/SULF
457	3S141	a	QU	N	0.43	25	N	48	31	1500	QTZ
457	3S140	a	AA	N	N	52	N	140	130	100	PHYLLITE
458	3S138	a	VM	N	N	91	N	110	63	600	ANDESITE W/PY + PO
458	3S137	a	PA	N	N	58	N	100	64	500	DIORITE W/PO
458	3S139	a	CA	N	N	29	N	33	23	N	LMST
459	AJ5GV2565	c	PA	N	N	39	7	38	16	70	ALT DIORITE
460	AJ5GV2628	c	VM	N	N	200	8	102	18	660	GREENSCHIST W/PY
461	AJ5GV2629	c	VF	N	N	101	5	110	33	1090	FELSIC SCHIST W/PY
462	3S216	a	CA	N	N	62	N	240	30	900	LMST
463	AJ5GV2669	c	CH	N	N	19	3	14	1	5400	WHITE CHERT W/PY
464	3S217	a	VF	N	N	14	91	170	N	N	ALT METAFELSITE
465	AJ5GV2665	c	AA	N	N	23	6	91	8	400	BLACK PHYLLITE W/PY
465	AJ5GV2666	c	QU	N	N	23	4	26	7	N	QTZ VEIN IN PHYLLITE
466	AJ5GV2668	c	VF	N	N	59	5	176	14	250	METAFELSITE
466	AJ5GV2667	c	AA	0.015	0.20	23	19	54	13	360	PY AND PHYLLITE
467	3S075	a	AA	N	N	68	N	210	21	-	SHALE W/PY
468	3S076	a	VM	0.014	N	7	N	N	30	-	GREENSTONE
469	AJ5GV2681	c	VF	N	N	29	5	45	10	540	METAFELSITE W/SULF
470	3S161	a	QU	N	N	20	N	40	36	N	QTZ VEIN
470	AJ5GV2663	c	VF	N	0.20	86	6	57	38	410	FELSIC SCHIST W/PY
470	3S162	a	VF	N	N	65	N	79	16	500	SCHIST
471	3S163	a	AA	N	N	23	N	40	15	600	GREY PHYLLITE
472	AJ8SV1049	c	QU	0.016	0.20	7	8	11	N	N	QTZ VEINS + STRINGERS
473	3S164	a	QU	N	N	8	N	9	1.8	N	QTZ VEIN
474	AJ5GV2662	c	VF	N	N	23	5	37	20	550	FELSIC SCHIST W/SULF
475	AJ5GV2664	c	VF	N	0.60	322	12	22	64	2180	FELSIC SCHIST
476	AJ5GV2757	c	AA	N	0.80	16	19	10	4	2200	DARK GREY PHYLLITE
477	AJ8SV1050	c	CA	0.022	0.20	10	11	9	2	N	PYRITIFEROUS BAND IN LMST
477	AJ8WV1839	c	CA	0.015	0.40	44	8	21	2	N	LMST W/PY
477	AJ8SV1051	c	QU	0.013	0.20	314	5	51	51	N	QTZ VEIN IN ANDESITE DIKE
478	AJ5GV2562	c	CA	N	N	12	7	31	2	50	LMST
478	AJ5GV2563	c	PA	N	N	4	10	121	38	60	ANDESITE DIKE
478	AJ5GV2560	c	QU	N	N	48	10	49	N	N	QTZ VEIN
478	AJ5GV2561	c	QU	N	N	9	9	43	1	N	QTZ VEIN
479	3S069	a	VM	N	N	17	N	N	34	-	CHLORITE SCHIST
479	3S070	a	AA	N	N	17	N	N	2.6	-	SILTSTONE
480	3S068	a	AA	N	N	49	N	N	36	-	GREY PHYLLITE
481	85WG264	c	VM	0.005	0.20	22	2	52	10	420	GREENSCHIST
482	3S067	a	AA	0.018	N	20	N	N	35	-	GREY PHYLLITE
483	AJ5GV2671	c	VM	N	0.20	107	3	21	15	180	ALT GREENSTONE
483	85WG262	c	VM	0.004	0.30	8	N	34	14	390	ALT GREENSTONE
484	AJ5GV2672	c	VF	N	N	88	6	79	12	600	FELSIC SCHIST
485	AJ5GV2670	c	VF	N	N	69	5	40	16	160	FELSIC SCHIST

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*–Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
485	85WG261c	c	VM?	0.012	0.10	64	2	108	14	100	BIO SCHIST
485	3S066	a	AA	N	0.39	120	N	N	17	-	FE-ST DARK GREY PHYLLITE
485	85WG261d	c	VM	0.004	N	19	5	116	24	460	GREENSCHIST
486	AJ6GV2845	c	CH	N	0.20	238	4	83	37	240	FE-ST METACHERT
487	AJ5GV2583	c	QU	N	N	N	N	2	N	480	QTZ VEIN IN LMST
488	AJ5GV2768	c	AA	N	0.30	49	10	116	10	1000	DARK GREY SLATE
489	AJ5GV2584	c	QU	N	N	100	3	25	7	1800	QTZ VEIN
490	AJ5GV2769	c	AA	N	N	5	6	50	1	760	DARK GREY PHYLLITE
491	AJ5GV2587	c	QU	N	N	2	N	25	N	740	QTZ VEIN IN LMST
492	AJ5GV2770	c	AA	N	N	13	9	75	10	500	DARK GREY SLATE
493	AJ5GV2767	c	AA	N	0.30	9	6	87	4	1000	DARK GREY PHYLLITE
494	AJ5GV2581	c	QU	N	4.90	89	2880	56	15	240	QTZ VEIN W/GN
494	AJ5GV2582	c	CA	N	N	5	35	16	N	150	LMST
495	AJ5GV2683	c	VF	0.010	0.30	166	8	56	45	2140	METAFELSITE W/PY
496	AJ6GV2846	c	CH	N	0.30	16	8	135	13	1410	VERY PYRITIC METACHERT
497	AJ6GV2848	c	CA	N	0.30	6	27	220	3	560	BRECCIATED DOLOMITIC LMST
497	AJ6GV2847	c	CH	N	N	23	7	88	7	1600	PYRITIC METACHERT
498	AJ6GV2882	c	VF	N	0.70	32	23	45	8	6000	PYRITIC METAFELSITE
499	AJ6SV490	c	QU	0.068	36.69	28	4680	2700	1	160	QTZ VEIN W/4% GN IN DOLOMITE
500	AJ6WV1592	c	QU	0.055	24.00	9	2780	3305	1	130	QTZ W/GN, SL
501	AJ6WV1591	c	QU	0.380	653.49	198	6.2%	18.4%	18	-	FE-ST QTZ VEIN IN DOLOMITE W/GN,GOSSAN,SL
502	AJ6SV489	c	QU	0.295	73.03	12	1.53%	174	2	-	QTZ VEIN W/5% GN
503	AJ5GV2577	c	AA	N	N	21	N	6	N	N	SHALE W/PY
503	AJ5GV2766	c	AA	N	N	39	8	97	4	3100	GREY PHYLLITE
504	AJ5GV2578	c	QU	N	N	11	N	7	N	N	QTZ VEIN
505	AJ6SV491	c	CH	N	0.20	48	16	18	8	1900	FE-ST METASED W/CHERT + 2% SULF
506	AJ6WV1593	c	CA	N	0.90	9	98	204	1	100	FE-ST MBL W/0.03 VEINLET W/SULF
507	AJ6WV1594	c	CA	N	0.70	39	76	935	6	110	DOLOMITE W/SULF
508	AJ5GV2579	c	PA	N	N	140	8	17	15	N	ANDESITE DIKE W/PO
509	AJ5GV2580	c	AA	N	N	25	4	65	5	680	HORNFELSED SLATE
510	AJ5GV2547	c	CA	N	N	310	37	420	N	50	PINK-WEATHERING MBL
511	AJ5GV2546	c	VM	N	N	27	18	99	5	850	ANDESITE
512	AJ5GV2545	c	CA	N	0.20	24	11	47	N	50	MBL
513	AJ5GV2544	c	AA	N	1.00	46	26	62	1	1900	HORNFELSED SLATE
514	AJ5GV2550	c	CA	N	N	64	3	86	4	50	SILICIFIED MBL
514	AJ5GV2551	c	GO	N	0.40	234	12	36	6	1250	SILICIFIED SLATE GOSSAN
515	AJ5GV2688	c	PA	N	N	7	4	44	14	-	GRANODIORITE
516	85WG169	d	PA	N	N	16	12	60	18	577	?
516	AJ5GV2695	c	PA	N	0.30	26	8	49	7	-	QTZ DIORITE
517	AJ5SV187	c	QU	N	N	69	4	49	43	-	QTZ IN MBL
518	AJ5GV2593	c	PA	N	N	64	7	37	31	-	DIKE W/PO
518	AJ5GV2594	c	CA	N	0.80	2310	8	55	38	-	EP-PO SKARN
518	AJ5GV2595	c	CA	N	N	166	6	63	16	-	PO-EP SKARN
518	AJ5GV2596	c	CA	N	N	346	8	144	9	260	PO-EP SKARN
519	AJ5GV2774	c	AA	N	N	27	12	370	4	1000	HORNFELSED BLACK ARGILLITE
520	AJ5GV2586	c	CA	N	N	17	14	25	5	610	MBL W/PYRITIC PORPHYROCLASTS
521	AJ5GV2605	c	AA	N	0.70	49	9	145	1	240	HORNFELSED SLATE
522	AJ5GV2780	c	AA	N	0.20	18	10	16	1	2700	GRAPHITIC SCHIST

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*—Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
523	AJ5GV2604	c	PA	N	N	68	4	20	5	390	DIORITE W/PO
524	AJ5GV2603	c	AA	N	0.30	38	9	30	5	1400	HORNFELSED SLATE W/PO
525	AJ5GV2602	c	CA	N	N	49	5	47	7	110	PO-EP SKARN
526	AJ5GV2775	c	AA	N	N	25	11	200	12	1500	HORNFELSED DARK GREY PHYLLITE
527	AJ5SV190	c	AA	N	N	11	N	16	8	-	GARNET, EP W/SL SKARN
528	AJ5GV2777	c	AA	N	N	18	4	136	11	960	GREY PHYLLITE
529	AJ5GV2693	c	PA	N	0.40	16	16	52	14	-	FOLIATED DIORITE
529	85WG167	d	PA	N	N	17	15	87	22	468	TONALITE
530	AJ5GV2585	c	AA	N	N	34	7	53	7	-	HORNFELSED SLATE
531	AJ5GV2771	c	AA	N	N	15	20	129	15	N	HORNFELSED ARGILLITE
532	AJ5GV2772	c	AA	N	N	69	9	42	39	N	HORNFELSED ARGILLITE
533	AJ5GV2773	c	AA	N	N	34	12	98	36	730	GREY PHYLLITE
534	85WG95b	c	VM	0.005	N	82	N	46	20	560	GREENSCHIST
535	85WG96	c	AA	0.004	0.20	28	6	84	5	100	CALC SCHIST
536	AJ5GV2783	c	AA	N	N	10	20	122	24	250	DARK GREY SLATE
537	85WG141	c	VM	0.007	N	72	N	40	18	N	GREENSTONE
538	AJ5GV2619	c	VF	N	N	74	6	79	6	400	METAFELSITE
539	AJ5GV2620	c	VF	N	N	42	7	75	1	390	METAFELSITE
540	AJ5GV2621	c	VF	N	N	90	11	79	4	320	METAFELSITE
541	AJ5GV2612	c	VF	N	0.20	174	28	136	11	270	FELSITE W/PY
542	AJ5GV2588	c	CA	N	N	2	16	21	1	N	GOSSAN OF TALC MBL
543	AJ5GV2776	c	AA	N	N	30	9	57	16	840	DARK GREY SLATE
544	AJ5GV2589	c	CA	N	N	11	15	28	7	N	CARBONATE W/PO
545	AJ5GV2617	c	VM	0.055	0.40	565	52	149	36	180	GREENSCHIST W/PO
545	AJ5GV2616	c	VF	N	0.50	170	118	278	11	420	FELSITE W/PY + PO
545	85WG170d	c	CH	0.004	N	27	N	130	5	460	EXHALITE
545	AJ5GV2618	c	QU	N	N	59	5	13	3	220	QTZ VEIN W/PO
546	AJ5GV2590	c	GO	N	N	15	16	25	1	N	SILICIA-CARBONATE GOSSAN
547	AJ5SV277	c	GO	N	N	895	13	77	7	60	GOSSAN IN FELSITE
548	AJ5GV2613	c	VM	N	N	135	9	101	9	130	GREENSTONE W/PO
548	AJ5GV2614	c	VF	N	0.50	174	87	357	11	350	METAFELSITE W/PY
548	AJ5GV2615	c	VM	N	N	99	7	124	10	710	GREENSCHIST W/SULF
548	AJ5SV279	c	VF	N	N	58	14	167	27	140	FELSITE W/PO
549	AJ5SV280	c	GO	0.005	N	180	41	61	7	270	GOSSAN IN SCHISTOSE FELSITE
549	AJ5SV281	c	VF	N	N	31	7	32	6	N	SCHISTOSE FELSITE W/GOSSAN
550	AJ5SV278	c	QU	N	N	169	11	123	33	110	QTZ VEIN W/20% PO
551	AJ5GV2592	c	CH	N	0.60	5	140	7	N	590	EXHALITE
551	AJ5GV2591	c	VM	N	N	79	16	123	N	280	GREENSTONE W/SULF
552	85WG110a	c	VM	0.003	0.20	34	N	36	25	N	GREENSCHIST
553	85WG111	c	VM	0.003	0.10	24	N	56	11	N	GREENSCHIST
554	AJ6GV2888	c	VF	N	0.50	133	10	88	22	770	METAFELSITE
554	AJ6GV2887	c	AT	N	1.10	104	6	112	14	1540	PY- & CP-BEARING BLACK PHYLLITE
554	AJ6GV2886	c	VF	N	1.20	107	8	211	27	310	PYRITIC METAFELSITE
555	85WG158	c	VM	0.011	N	93	3	60	21	230	GREENSTONE
556	AJ5SV283	c	GO	N	N	281	8	425	16	400	GOSSAN IN SLATE
557	AJ5GV2643	c	VF	N	N	207	9	61	31	360	HORNFELSED FELSITE
557	AJ5GV2642	c	VF	N	N	276	12	58	43	150	METAFELSITE W/PY + CP
558	85WG221	c	VF	0.006	0.10	11	2	48	8	60	FELSIC SCHIST

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*–Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
559	86WG219	c	VF	0.004	0.10	32	N	30	4	80	FELSIC SCHIST
560	86WG223	c	VM	0.003	N	79	N	118	26	120	GREENSTONE
561	86WG218	c	VM	0.003	0.10	10	N	32	11	90	GREENSTONE
562	AJ5GV2700	c	PA	N	N	28	15	57	3	-	QTZ DIORITE
563	AJ5GV2697	c	PA	N	0.20	10	10	25	9	-	DIORITE
564	AJ5GV2696	c	PG	N	N	43	12	64	13	-	QTZ DIORITE
565	85WG214	c	AA	0.004	0.10	34	N	22	3	410	HORNFELSED SANDSTONE
566	85WG138	d	PA	N	N	40	12	86	26	308	FOLIATED DIORITE
566	AJ5GV2689	c	PA	N	N	41	8	48	23	-	FOLIATED DIORITE
567	AJ5GV2606	c	AA	N	N	212	16	111	14	230	HORNFELSED SLATE
567	86WG136	c	VM	0.006	0.10	85	N	36	14	N	FOLIATED METABASITE
568	86WG142	c	VM	0.003	0.10	60	2	42	26	140	GREENSTONE
569	AJ5GV2781	c	AA	0.030	0.40	15	13	19	2	1800	BANDED SILTSTONE
570	AJ5GV2782	c	AA	N	N	26	15	100	13	850	GREY PHYLLITE
571	AJ5GV2786	c	AA	N	N	42	7	367	5	580	DARK GREY ARGILLITE
572	86WG145c	c	VM	0.006	N	104	N	44	12	1200	GREENSTONE
573	AJ5GV2699	c	PA	N	0.20	8	4	77	25	-	FOLIATED DIORITE
574	AJ5GV2694	c	PA	N	0.30	44	10	43	22	-	DIORITE
575	85WG161	d	PA	N	N	27	10	102	27	116	DIORITE K/AR
576	AJ5GV2691	c	PA	N	0.20	32	4	53	25	-	FOLIATED DIORITE
577	AJ5GV2692	c	PA	N	0.20	5	2	53	13	-	DIORITE
578	AJ5GV2759	c	AA	N	0.80	40	27	117	6	3400	DARK GREY PHYLLITE
579	84ER91	bc	AA	0.005	0.50	218	20	15	197	N	FE-ST ARGILLITE
580	84ER88	bc	CA	N	0.20	40	11	27	25	310	SILICIFIED MBL W/ DISSEM PY
581	84WG119	bc	GO	N	0.10	24	9	66	19	1100	GOSSAN W/PY + CP
582	AJ7GV6133	c	PA	N	0.10	94	21	77	19	330	PO-RICH MAFIC DIKE
583	AJ7GV6132	c	PA	N	0.10	100	18	37	41	130	PO-RICH BASALT DIKE
584	84WG120	bc	GO	0.005	0.20	45	10	64	30	370	GOSSAN
585	84WG121B	bc	GO	0.005	0.50	73	5	40	33	440	GOSSAN
586	AJ7GV6137	c	VM	N	0.50	72	20	85	57	1200	PYRITIC METABASITE
586	AJ7GV6138	c	AA	N	0.10	11	5	138	25	610	PYRITIC ARGILLITE
587	84ER94	bc	VM	N	0.20	42	6	74	36	840	ALT ANDESITE W/DISSEM PY
588	AJ7GV6136	c	VM	N	0.20	66	2	40	22	1200	FE-ST GREENSTONE
589	AJ7GV6135	c	AA	N	0.40	46	8	103	5	N	SHEARED SILTSTONE
590	84WG141	bc	GO	N	0.20	7	9	65	15	600	GOSSAN AT CONTACT W/GREENSTONE
591	84WG142	bc	GO	0.010	0.80	39	25	107	24	11000	GOSSAN AT CONTACT W/GREENSTONE
592	3S296	a	AA?	-	-	9	28	110	35	3300	METASED W/PY
592	3S295	a	VM	-	-	95	N	290	59	N	ALT BASALT W/PY + MAG
593	3S298	a	AAP?	N	N	N	28	55	14	6300	PHYLLITE W/PY
594	AJ5GV2748	c	AA	N	0.50	87	8	135	25	650	HORNFELSED BLACK GRAPHITIC SCHIST;MINOR PY
595	AJ5GV2749	c	AA	N	0.60	63	7	215	9	5500	BLACK PHYLLITE W/PY BANDS
596	AJ8GV6201	c	QU	N	0.60	117	11	76	13	1300	PO-BEARING QTZ VEIN
597	AJ8GV6205	c	QU	0.007	0.50	237	8	36	21	430	MASSIVE PO IN QTZ VEIN
598	AJ8GV6202	c	SU	0.061	1.10	190	13	37	29	550	MASSIVE PO IN ALT BASALT
599	AJ8GV6203	c	VM	N	0.20	46	6	71	37	530	PO-BEARING SHEARED GREENSTONE
600	AJ7GV6140	c	VM	N	0.10	11	7	187	9	570	FE-ST PO-BEARING METABASITE
600	AJ7GV6139	c	CA	N	3.40	240	26	45	92	1000	PO VEINLETS IN SKARN
601	AJ5GV2811	c	PA	N	N	22	16	72	14	-	HB BIO GRANODIORITE

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*–Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
602	AJ8GV6204	c	CH	N	0.20	83	11	68	14	430	PYRITIC CHERT
603	AJ7GV6134	c	CA	0.137	1.90	310	38	1400	14	1500	FE-ST SKARN
604	84WG122	bc	CA	N	0.40	28	21	27	30	240	WHITE MBL
605	AJ7GV6141	c	CH	N	0.10	112	14	18	17	500	FE-ST CHERT W/DISSEM PY
606	84WG123	bc	AA	N	N	35	8	20	10	520	FE-ST ARGILLITE W/PY
607	AJ7GV6142	c	AA	N	0.30	29	18	52	3	430	FE-ST ARGILLITE
608	AJ6GV2953	c	CH	N	N	37	2	100	15	890	CHERT
609	84ER53	bc	AA	N	0.20	30	5	41	13	110	ALT HORNFELS ARGILLITE
610	84ER55	bc	PA	N	0.20	40	7	37	13	660	FE-ST ALT DIORITE AND LMST
611	AJ6GV2954	c	CH	N	0.40	50	N	42	20	650	FE-ST DARK GREY CHERT
612	84ER57	bc	CA	0.005	0.10	20	14	44	21	900	FE-ST CRUSHED LMST HORNFELS W/PO
613	AJ8GV6206	c	CH	N	0.10	60	8	53	8	760	FE-ST CHERT
614	AJ8GV6207	c	VM	0.322	0.30	148	13	61	64	30	PO-RICH SILICIFIED MBL AND GREENSTONE
614	AJ8SV1101	c	QU	0.025	N	133	3	24	29	50	QTZ VEIN
614	AJ8SV1100	c	QU	1.561	1.50	1184	60	10	251	N	QTZ VEIN W/PO
615	AJ8GV6209	c	QU	0.761	0.70	270	39	23	52	N	QTZ VEIN W/ 50% PY+PO
615	AJ8GV6210	c	QU	1.151	2.30	782	186	33	89	40	QTZ VEIN W/ 50% PY+PO
616	AJ8GV6211	c	QU	0.050	9.80	658	90	33	98	N	PY-RICH QTZ VEIN
617	84ER84	bc	CA	0.010	0.50	52	15	90	11	990	FE-ST MBL W/PY
618	AJ5GV2812	c	PA	N	N	23	4	60	16	-	BIO HB GRANODIORITE
618	84ER85	d	PA	0.007	N	N	12	62	21	613	GRANODIORITE
619	AJ7WV1744	c	CA	0.068	10.80	8000	N	11500	141	-	FE-ST SKARN W/CP + ML
619	AJ7WV1745	c	CA	0.170	7.70	2700	5	225	60	-	SKARN W/CP + ML
620	AJ7WV1746	c	PA	N	0.30	158	43	141	10	-	FE-ST DIORITE W/PY
620	AJ7SV626	c	CA	N	-	78	N	40	2	-	FE-ST SKARN
621	AJ6SV506	c	SU	0.068	0.70	895	6	280	340	N	PO- & PY-RICH LENS IN SKARN ZONE
621	AJ6SV505	c	CA	0.068	0.30	380	2	1070	16	N	EP QTZ SKARN
621	AJ6SV507	c	GO	0.068	3.00	825	5	660	1	N	GOSSAN
622	AJ6SV510	c	SU	0.068	2.40	5040	7	570	620	N	MAG W/PO, CP
622	AJ6SV509	c	SU	0.068	4.00	8540	14	335	490	N	PO, CP
622	AJ6SV511	c	SU	0.068	1.60	3430	3	790	152	70	MAG W/PO, CP
623	AJ6SV508	c	PA	N	0.20	37	2	50	13	180	DIORITE
624	AJ6SV503	c	SU	N	0.30	69	6	285	12	30	MAG
624	AJ6SV504	c	CA	N	0.40	995	6	770	132	N	MAG SKARN W/CP, PO, PY
624	AJ6SV512	c	CA	N	N	33	7	43	2	N	MBL W/GARNETS & EP
624	AJ6SV501	c	CA	N	0.80	1150	6	750	260	N	PY, MAG SKARN W/EP
624	AJ6SV516	c	CA	N	0.20	15	4	5	N	N	MBL
624	AJ6SV502	c	CA	N	2.00	1835	6	920	182	N	PO, MAG SKARN
625	AJ6GV2955	c	CH	N	0.20	65	N	24	15	580	CHERT
626	84WG159	bc	CA	N	N	20	6	14	8	40	MBL W/PY
627	AJ5GV2740	c	CH	N	N	55	8	131	26	330	BANDED ARGILLACEOUS CHERT
628	AJ5GV2739	c	AA	N	N	59	13	138	27	150	BLACK SLATE
629	AJ6GV2946	c	CH	N	0.20	29	10	210	26	910	CALCAREOUS PYRITIC FE-ST CHERT
630	AJ6GV2945	c	CH	N	N	54	6	70	15	350	GREY PYRITIC CHERT
631	AJ6GV2944	c	CH	N	0.50	58	3	28	39	1690	MASSIVE PO LAYERS IN CHERT
632	AJ5GV2607	c	AA	N	N	68	16	82	12	540	HORNFELSED SILTSTONE W/PY
632	AJ5GV2608	c	CA	N	N	26	13	25	N	60	SILICIA-CARBONATE IN MBL
633	AJ5GV2609	c	QU	6.600	0.30	208	10	17	14	100	QTZ VEIN

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*—Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
633	AJ6SV518	c	AA	N	0.20	145	7	26	19	920	FE-ST LIMEY SHALE W/PY
634	AJ5GV2610	c	CA	0.035	0.40	945	12	43	92	N	SKARN W/PY
635	AJ5GV2611	c	QU	N	N	530	6	18	71	N	QTZ VEIN W/PY
636	AJ6GV2958	c	CH	N	0.20	81	N	55	14	610	PO-BEARING ARGILLACEOUS CHERT
637	AJ6GV2939	c	CH	N	N	54	N	29	18	350	PO-BEARING METACHERT
638	AJ6GV2940	c	CH	N	N	49	2	72	16	410	PO-BEARING METACHERT
639	85WG168	d	PA	N	N	N	18	63	16	744	QTZ DIORITE K/AR
639	AJ5GV2690	c	PA	N	0.20	5	6	54	14	-	QTZ DIORITE K/AR
640	AJ6SV499	c	CH	0.07	N	62	5	48	16	780	CHERT W/PO,PY BANDS
641	AJ6GV2949	c	CH	N	0.30	38	4	110	37	3200	FE-ST PY- & PO-RICH CHERT
642	AJ6GV2956	c	CH	N	N	79	2	92	75	790	PYRITIC ARGILLACEOUS CHERT
642	AJ6GV2957	c	VM	N	0.30	328	N	50	19	350	PO-RICH BASALT
643	AJ6GV2961	c	CH	N	N	18	6	64	24	360	FE-ST PYRITIC CHERT
644	AJ6SV519	c	CH	N	0.30	29	10	100	39	740	CHERT W/PO, PY
645	AJ8GV6215	c	VM	27	0.50	251	14	66	55	460	METABASALT
646	AJ6GV2947	c	CH	N	0.20	32	2	184	20	1600	FE-ST PO-RICH CHERT
647	AJ6GV2952	c	CH	N	0.50	56	3	290	22	1690	DARK GREY ARGILLACEOUS CHERT W/PO
648	AJ6GV2951	c	CH	N	0.30	30	2	88	13	1360	FE-ST CHERT
648	86WG218	c	VM	0.006	N	77	N	6	7	150	PILLOW BASALT
649	AJ6GV2950	c	CH	N	0.40	49	9	44	31	950	PY-BEARING WHITE CHERT
650	AJ6GV2941	c	VM	N	0.30	219	N	24	90	340	PO-BEARING METABASALT
650	AJ6GV2942	c	CA	N	N	12	2	42	3	410	FOLIATED MBL
651	86WG198a	c	VM	0.003	N	6	2	34	10	570	PILLOW BASALT
652	AJ6GV2960	c	GO	N	0.40	52	5	30	16	230	GOSSAN
653	AJ6GV2959	c	CH	N	0.20	49	2	78	16	1950	FE-ST ARGILLACEOUS CHERT
654	AJ8GV6112	c	PA	0.169	0.70	200	68	22	18	450	PO- AND PY-BEARING DIORITE
655	88WG108	d	PA	N	N	N	14	67	17	957	DIORITE
656	AJ6GV2981	c	PA	N	0.20	40	3	32	16	620	PO-BEARING HORNFELS + DIORITE
657	AJ6GV2948	c	CH	N	0.30	135	N	44	39	640	FE-ST CHERT
658	AJ7GV6130	c	CA	N	0.40	74	8	35	15	1800	RANDOM CHIP OF SILICIFIED SKARN
659	AJ6GV2982	c	VM	N	N	148	4	72	8	N	HORNFELSED GREENSTONE + HORNBLENDITE W/PY
660	AJ6GV2903	c	AA	N	0.40	78	7	81	56	150	FE-ST, PYRITIC, HORNFELSED METASILTSTONE
661	AJ6GV2963	c	PA	N	0.20	62	3	20	14	550	PO-RICH DIORITE
661	AJ6GV2964	c	AA	N	0.40	37	5	72	8	3660	FE-ST HORNFELSED SLATE
662	AJ6GV2915	c	AA	N	0.80	63	10	189	9	3120	PO-BEARING BLACK SLATE
663	AJ8GV6214	c	AA	0.029	0.40	48	18	50	7	2400	PYRITIC BLACK SLATE
664	AJ6GV2928	c	AA	N	0.50	26	3	42	2	6730	FE-ST BLACK SLATE
664	AJ6GV2929	c	PA	N	0.80	92	4	124	26	4000	PO-BEARING QTZ-FELDSPAR DIKE OR VEIN
665	AJ6GV2962	c	AA	N	0.80	89	97	340	13	420	VERY PYRITIC BLACK SLATE
666	AJ6GV2967	c	AA	N	1.90	192	325	146	4	260	VERY PO-RICH HORNFELSED SLATE
666	AJ6GV2966	c	AA	N	0.90	67	11	400	18	3200	PO-BEARING HORNFELSED FE-ST BLACK SLATE
667	AJ6GV2965	c	CA	N	0.20	113	13	28	19	15000	MARBLE
668	AJ6GV2968	c	CA	N	0.20	69	11	15	4	7600	PY- & CP-BEARING WHITE MBL
668	AJ6GV2969	c	AA	N	0.70	41	13	180	7	2960	PYRITIC HORNFELSED GREY SLATE
669	AJ6GV2970	c	AA	N	1.50	91	26	2000	6	2450	PYRITIC BLACK SLATE
669	AJ6GV2971	c	PA	N	0.70	165	4	124	38	710	PYRITIC DIABASE DIKE
670	AJ6GV2913	c	PA	N	0.40	41	4	94	19	190	PO-BEARING FELSIC DIKE
670	AJ6GV2914	c	AA	N	0.20	36	4	83	4	1250	BLACK SLATE

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*–Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
671	AJ6GV2972	c	AA	N	0.40	76	19	346	17	1610	PYRITIC HORNFELSED SLATE
672	AJ6GV2973	c	AA	N	0.90	99	13	312	10	3120	FE-ST PYRITIC BLACK SLATE
673	AJ6GV2983	c	AA	N	0.20	45	18	660	14	8200	PYRITIC HORNFELSED ARGILLITE
674	AJ6SV499	c	CH	0.068	N	62	5	48	16	780	CHERT W/PO, PY BANDS
674	AJ6GV2986	c	PA	N	N	15	8	75	3	690	FE-ST SLIGHTLY PYRITIC GRANITE
675	AJ6GV2984	c	CA	N	0.20	95	3	48	20	1500	EP QTZ SKARN
676	86WG261	d	PA	N	N	N	11	67	15	1020	GRANODIORITE
677	86WG260	d	PA	N	N	N	22	41	14	88	GRANITE
678	AJ6GV2927	c	AA	N	0.20	49	N	260	4	210	PO-BEARING FE-ST SLATE
679	87WG32	d	PA	N	N	N	16	65	23	675	GRANODIORITE
680	AJ6GV2985	c	VM	N	0.40	116	4	24	7	120	PYRITIC HORNFELSED SLATE + GREENSTONE
681	AJ6GV2926	c	CA	N	0.20	44	N	23	6	840	PO-BEARING MBL
682	AJ6GV2925	c	PA	N	N	93	N	40	31	190	PO-BEARING FE-ST QTZ DIORITE
683	AJ7GV6145	c	CA	N	7.00	63	N	48	7	40	SKARN
684	AJ7GV6164	c	CA	N	1.00	215	N	20	108	30	PO SKARN
685	AJ7GV6163	c	VM	N	0.20	87	3	79	21	80	ACTINOLITE SCHIST
686	87WG106	d	PA	N	N	57	12	87	33	128	DIORITE
687	AJ7GV6131	c	AA	N	0.30	53	10	182	10	4400	FE-ST, PYRITIC DARK GREY SCHIST
688	87WG62	c	VM	0.005	N	11	N	20	8	N	AMPHIBOLITE
689	AJ7GV6166	c	VM	0.140	1.30	540	4	67	145	440	PO-RICH METABASITE W/MINOR CP
690	AJ7GV6165	c	QU	N	N	37	2	7	4	N	SLIGHTLY PYRITIC QTZ BOUDIN
691	AJ7GV6167	c	VM	N	0.20	152	4	45	35	N	PO-RICH METABASITE
692	87WG19	d	PA	N	N	N	17	35	12	998	GRANITE
693	AJ7GV6146	c	SU	N	0.30	265	4	47	42	820	SULF VEINLETS IN FE-ST DIORITE
694	AJ7GV6147	c	AA	N	0.10	70	3	119	17	880	FE-ST GNEISS
695	87WG67	d	PA	N	N	10	12	59	17	605	GRANODIORITE
696	87WG64	d	PA	0.005	N	N	14	75	23	332	TONALITE
697	AJ7GV6182	c	AA	N	0.10	34	3	102	12	1800	FE-ST BLACK SCHIST
698	AJ7SV602	c	CA	N	4.60	5950	N	178	91	-	SKARN W/PO (60%) AND CP
698	AJ7SV603	c	GO	N	0.70	740	2	40	95	-	GOSSAN W/PO
698	AJ7WV1726	c	QU	N	0.40	320	2	18	-	-	QTZ W/PY IN SHEAR
698	AJ7SV604	c	AA	N	1.30	1350	2	70	93	-	BLACK SCHIST W/PO (20%)
699	87WG65	d	PA	0.003	N	103	11	74	43	230	?
700	AJ7SV599	c	VM	N	-	136	N	127	14	-	FE-ST MAFIC METAVOLC W/5% PO
700	AJ7SV600	c	QU	N	-	42	53	6	14	-	QTZ VEIN W/PO + PY, IN METABASITE
700	AJ7SV601	c	AA	N	-	315	N	57	45	-	FE-ST BLACK SCHIST W/P
701	AJ7GV6162	c	VM	N	0.20	205	5	86	26	710	FE-ST AMPHIBOLITE W/PY
702	AJ7GV6185	c	VM	0.068	0.10	41	3	27	12	200	FE-ST METABASITE
703	AJ7GV6127	c	PA	N	0.20	400	8	42	41	N	FE-ST DIORITE W/DISSEM PY
704	AJ7SV649	c	VM	N	0.50	760	N	134	18	N	ALT METABASITE W/PY, CP
705	AJ7GV6169	c	VM	N	N	46	N	167	26	N	METABASITE W/PY BANDS
706	AJ7SV654	c	VF?	N	0.10	44	8	103	12	210	QTZ SCHIST W/PO + PY
707	AJ7SV662	c	VF?	N	0.20	43	8	84	6	490	FE-ST QTZ SCHIST W/2% PO
708	AJ7SV646	c	VF?	N	0.70	157	4	98	63	1200	HIGHLY SILICIFIED ROCK W/PO
709	AJ7WV1762	c	VF	N	0.50	64	3	137	35	510	FELSIC SCHIST W/BANDED + DISSEM PO
709	AJ7WV1763	c	VF	N	0.30	120	3	95	59	510	BANDED FELSIC SCHIST + PO
709	AJ7WV1764	c	VF	N	0.90	114	3	112	40	1600	FE-ST FELSIC SCHIST
710	AJ7SV637	c	SU	-	N	507	67	2	143	42	MASSIVE PO 0.1' THICK

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*—Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
710	AJ7SV641	c	VF?	N	0.20	74	6	195	34	170	FE-ST QTZ SCHIST W/10% PO
710	AJ7SV638	c	VF?	N	0.40	126	5	110	38	190	QTZ SCHIST W/ 30% PO
710	AJ7SV640	c	VF?	N	0.40	49	8	95	17	710	FE-ST QTZ SCHIST + GOSSAN
710	AJ7SV642	c	VF?	N	0.20	85	2	160	29	110	FE-ST QTZ SCHIST W/10% PO
710	AJ7SV645	c	GO	N	0.20	92	6	143	46	590	GOSSAN
710	AJ7SV643	c	VF?	N	0.30	225	2	265	115	1200	FE-ST ALT SCHIST
710	AJ7SV638	c	VF?	-	1.90	161	41	107	67	65	QTZ SCHIST W/ 30% PO
710	AJ7SV637	c	SU	N	1.00	410	6	50	88	280	MASSIVE PO 0.1' THICK
710	AJ7SV644	c	AA	N	0.10	27	N	108	42	320	GREY SLATE OR PHYLLITE
710	AJ7SV639	c	VF	N	0.30	31	8	130	9	130	FE-ST METAFELSITE W/PO
711	AJ7GV6181	c	VF	N	0.20	107	20	80	9	850	PY-RICH FELSIC SCHIST
712	AJ7GV6183	c	VM	N	0.80	470	27	190	34	90	PYRITIC GREENSCHIST
712	AJ7GV6184	c	AA	N	1.50	250	66	290	16	120	PYRITIC BLACK SCHIST
713	AJ7SV650	c	CA	N	0.20	113	4	60	18	260	FE-ST SKARN
714	AJ7GV6168	c	CA	N	0.30	30	8	31	4	3100	FE-ST SKARN
715	AJ7GV6160	c	QU	N	0.10	17	3	8	1	N	FE-ST WHITE QTZ VEIN
716	AJ7GV6159	c	VF	N	0.30	31	9	47	1	500	SCHISTOSE METATUFF
717	AJ7GV6161	c	VF	N	0.30	67	16	74	7	500	FE-ST METATUFF
718	AJ8GV6213	c	VF	0.009	0.40	102	67	154	26	1800	METATUFF
719	AJ7GV6124	c	VM	N	N	69	4	64	52	1300	FLOAT OF PO-BEARING METABASALT
720	AJ7GV6123	c	VM	N	0.10	66	4	126	34	N	METABASALT
721	AJ7GV6188	c	AA	N	0.20	64	4	31	5	280	FE-ST CALCAREOUS GREY SLATE
722	AJ7GV6122	c	PA	N	0.40	67	4	52	13	N	DIORITE DIKE W/DISSEM PY
723	87WG11	c	VM	0.006	N	99	N	70	25	210	ACTINOLITE SCHIST
724	AJ7GV6128	c	VF	N	N	101	7	45	5	130	FE-ST FELSIC SCHIST
725	87WG22	d	PA	N	N	15	17	78	24	705	TONALITE
726	AJ7GV6121	c	VM	N	1.10	88	27	132	13	380	PYRITIC LIGHT GREEN METAVOLC
727	AJ7GV6156	c	AA	N	0.70	28	17	136	3	1900	FE-ST BLACK SLATE
728	AJ7GV6154	c	AA?	N	0.40	240	N	16	6	870	FE-ST PYRITIC HORNFELS
729	AJ7GV6157	c	AA	N	0.60	53	13	77	7	300	FE-ST SLATE
730	AJ7SV660	c	GO	N	0.10	84	10	24	7	6000	GOSSAN
730	AJ7SV659	c	CH	N	0.20	3	7	N	N	110	FE-ST CHERT
731	AJ7GV6187	c	VM	N	1.10	134	14	596	64	730	PO-BEARING SCHISTOSE META-ANDESITE
732	AJ7GV6158	c	AA	N	0.90	33	17	96	N	1300	FE-ST BLACK SLATE
733	AJ7GV6155	c	CA	N	0.30	30	N	19	4	750	FE-ST MBL SKARN W/DISSEM PY
734	AJ7SV655	c	CA	N	1.30	530	2	25	66	50	SKARN W/PO-RICH BAND
734	AJ7SV656	c	SU	N	0.60	280	4	180	9	270	MASSIVE PO W/CP
735	AJ7SV658	c	QU	N	0.30	4	2	2	11	90	QTZ VEIN W/PY
735	AJ7SV657	c	QU	N	N	9	3	N	2	N	QTZ BOULDER W/PY FILLING FRACTURES
736	AJ7WV1767	c	PA	N	0.10	9	4	20	2	-	YELLOW-ST INTRUSION W/SULF
737	AJ6GV2912	c	VBA	N	N	89	3	100	19	130	PYRITIC BIO QTZ SCHIST
738	AJ6GV2911	c	VBA	N	N	141	2	57	29	50	PYRITIC GREENSCHIST
739	AJ6GV2860	c	VBA	N	N	96	6	62	29	40	GOSSAN-SILICIFIED GREENSTONE
740	AJ6GV2987	c	PT	N	N	23	N	47	2	340	QTZ-FELDSPAR DIKE
741	AJ6WV1629	c	VBA	N	0.20	66	N	148	3	140	GREENSCHIST W/SULF
742	AJV6U6362	c	VBA	0.025	N	72	N	48	25	N	FE-ST ANDESITE W/5-10% PY
743	AJ6GV2917	c	CH	N	N	8	N	4	24	40	EXHALATE
743	AJV6U6363	c	VBA	N	N	78	N	110	27	N	BANDED ANDESITE W/SULF

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*–Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
744	AJ6WV1630	c	VBA	N	N	153	N	9	38	50	EP SCHIST W/SULF
744	AJ6GV2918	c	CH	N	N	8	2	4	39	40	EXHALITE W/ASPY
745	AJ6GV2920	c	CH	N	N	58	2	70	8	N	EXHALITE
746	AJ6GV2919	c	CH	N	N	53	2	335	22	130	EXHALITE
747	AJ6GV2841	c	VBA	N	N	154	2	70	30	220	AMPHIBOLITE
748	AJ6GV2909	c	VBA	N	0.20	114	3	40	18	N	PYRITIC GREENSCHIST
749	AJ6GV2900	c	PT	N	0.30	260	4	24	16	380	FE-ST PYRITIC QTZ DIORITE DIKE
750	AJ6GV2901	c	PT	N	0.20	4	3	21	1	730	PINK WEATHERING GRANITE
751	AJ6GV2916	c	VBA	N	0.30	35	3	435	27	40	PYRITIC GREENSCHIST
752	86JK306			N	N	10	12	N	1	600	(Analysis by nuclear activation method)
753	85WG250	c	PT	N	0.20	146	9	51	6	670	GRANITE PORPHYRY BRECCIA
754	AJ6SV498	c	PT	N	N	32	3	12	1	760	PORPHYRITIC GRANODIORITE MO?
755	AJ6WV1621	c	PT	N	N	21	N	121	N	860	FE-ST GRANITE
756	AJ5GV2624	c	PT	0.750	34.90	7.1%	25	68	2	830	QTZ-MONZODIORITE W/ ML
756	AJ7WV1720	c	PT	N	1.10	2750	7	18	-	-	QTZ-MONZODIORITE BANDS W/EP, ML
756	AJ7WV1721	c	PT	0.068	3.20	5850	6	32	-	-	QTZ-MONZODIORITE BANDS W/EP, ML
757	AJ5GV2625	c	PT	N	N	225	N	28	N	780	GRANODIORITE
758	AJ6SV407	c	PT	N	N	130	9	50	3	-	GRANITE PORPHYRY W/ ML, BN
759	AJ6SV409	c	PT	N	N	128	3	232	6	-	GRANITE PORPHYRY
759	AJ6SV408	c	PT	N	1.60	4200	3	80	7	-	FRACTURE IN GRANITE W/ML, AZ, BN
759	AJ6SV410	c	PT	N	0.20	1060	3	32	4	-	GRANITE PORPHYRY W/ML, AZ, BN
760	AJV6U6360	c	PT	N	N	150	N	200	9	430	FE-ST QTZ MONZONITE (As=14PPM)
761	AJ6GV2865	c	PT	N	N	14	4	20	2	970	GRANITE
762	AJ6GV2864	c	PT	N	N	10	3	18	1	950	GRANITE
763	2S065	a	PT	N	N	136	3	98	17	260	FAULT GOUGE & FE-ST DIORITE
764	2S084	a	UM	N	N	39	4	60	34	N	HB PYROXENITE W/MAG
765	AJ6GV2881	c	VBA	N	0.50	365	15	44	18	50	AMPHIBOLITE
766	AJ5GV2575	c	PT	0.025	3.00	1.88%	8	208	18	-	FOLIATED DIORITE AND PYROXENITE
767	AJ6WV1625	c	SU	N	21.00	3.28%	4	95	32	-	EP KNOT IN DIORITE W/SULF, ML
768	AJ6WV1626	c	SU	15.051	54.17	21.8%	5	105	10	-	SULF KNOT IN DIORITE W/ML
769	AJ5GV2549	c	PT	0.210	1.40	5390	11	79	7	370	MONZODIORITE W/ML + CP
770	AJ7WV1743	c	PT	N	2.20	5900	N	78	12	-	DIORITE W/BN,ML
771	AJ7WV1742	c	UM	0.068	1.10	2600	N	31	16	-	ULTRAMAFIC W/FELDSPAR VEINLETS W/BN,ML
771	AJ7WV1741	c	PT	0.720	4.10	1.2%	2	70	15	-	CU-ST GNEISSIC DIORITE W/CP,ML
772	SHH128	b	PT	N	N	23	2	29	N	-	MED-GR HB DIORITE W/DISSEM PY
773	SHR096	b	GO	0.100	0.80	29	3	5	N	-	GOSSAN IN GNEISSIC ZONE W/ABUNDANT PY
774	SHR097	b	PT	N	N	19	2	71	N	-	FOLIATED QTZ DIORITE W/DISSEM PY
775	SHE164	b	PT	N	N	6	1	10	N	-	MED-GR HB GRANODIORITE PORPHYRY
776	AJ8GV6220	c	QU	0.116	0.20	14	7	19	7	1000	QTZ VEIN W/PY
777	AJ6GV2931	c	VB	N	0.40	1295	N	68	20	N	ML-ST, PY- & CP-BEARING METABASALT
778	AJ6GV2905	c	VB	N	0.20	78	46	620	22	90	PYRITIC METABASALT
779	AJ6WV1561	c	PT	0.171	1.20	5750	435	75	27	170	DIORITE W/CP, BU
780	AJ6SV444	c	PT	N	3.20	3010	10	76	20	140	DIORITE W/DISSEM CP, ML
780	AJ6SV446	c	PT	N	0.20	104	7	69	14	220	DIORITE W/EP ALTERATION
780	AJ6SV445	c	PT	0.068	3.50	6300	13	30	9	140	EP ALT DIORITE W/DISSEM CP, ML
781	AJ6GV2904	c	CH	N	N	10	3	40	7	360	METACHERT
782	SRE011	b	QU	N	N	11	8	62	N	-	QTZ-CALC VEIN W/ABUNDANT LIMONITE
783	SHE168	b	PT	N	N	6	1	13	N	-	PORPHYRITIC HB BIO GRANODIORITE

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*—Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
784	SRE009	b	QU	0.700	2.30	12	25	13	N	-	QTZ VEIN W/PY CUBES + MO
785	SHR108	b	PT	N	N	21	1	50	N	-	HB BIO GRANODIORITE
786	SRH010	b	QU	N	N	33	14	120	11	-	QTZ W/ SULF
787	SRH011	b	PT	N	0.10	30	14	38	N	-	ALT HB BIO GRANODIORITE W/DISSEM PY
788	88WG116	d	P	N	N	N	16	91	15	1640	QTZ DIORITE K/AR SAMPLE
789	AJ7SV582	c	QU	N	N	86	N	88	13	-	QTZ-CALC VEIN W/FE-ST SULF
789	AJ6WV1602	c	QU	N	N	46	N	30	2	30	FE-ST QTZ VEIN IN BASALT
789	AJ7SV585	c	QU	N	N	34	N	22	6	-	FE-ST QTZ-CALC VEIN
789	AJ7SV583	c	QU	N	0.20	31	6	44	3	-	QTZ-CALC VEIN
789	AJ7SV584	c	QU	N	N	18	3	33	3	-	QTZ-CALC VEIN
790	AJ6GV2906	c	VB	N	0.20	113	7	515	34	N	FE-ST PYRITIC METABASALT
790	AJ7WV1714	c	QU	0.068	1.60	2050	N	170	-	-	CALC-QTZ VEIN W/PY, SOME CP
790	AJ6WV1605	c	VB	N	1.00	3990	3	142	26	-	BASALT W/CALC VEIN AND CP, ML
790	AJ6GV2907	c	QU	N	0.20	405	2	99	29	60	QTZ VEINLET W/SULF
790	AJ6WV1603	c	QU	N	N	86	N	47	7	120	QTZ VEIN W/SULF
790	AJ6WV1604	c	VB	N	0.20	410	2	147	72	70	BASALT W/SULF
790	AJ5GV2576	c	QU	0.120	1.60	2200	12	1190	30	80	QTZ VEIN
790	AJ7WV1715	c	QU	0.652	2.30	2000	12	1.20%	-	-	QTZ VEIN W/CP, SL, PY, ML
791	AJ6WV1619	c	QU	0.686	1.50	1560	66	1.85%	18	60	QTZ VEIN W/CP, ML, IN BASALT
792	SHR039	b	PT	N	N	10	4	26	N	-	HB GRANODIORITE
793	SHR057	b	PT	N	N	33	3	22	N	-	HB GRANODIORITE
794	SHR055	b	PT	N	N	6	2	21	N	-	HB GRANODIORITE
795	SRE005	b	PT	N	N	26	15	63	N	-	SHEARED HB DIORITE W/JASPEROID
796	AJ8WV1859	c	QU	N	N	11	4	4	N	90	QTZ VEIN IN DIORITE
797	AJ8WV1860	c	PT	N	N	6	2	14	N	1500	FE-ST QTZ MONZONITE
798	SHE013	b	PT	N	N	1	2	9	N	-	GARNETIFEROUS GRANITE PORPHYRY
799	SRH008	b	PT	N	N	117	N	31	16	-	FINE-GR HB GRANODIORITE W/TRACES OF ML
800	SRR010	b	PT	0.100	20.90	5.73%	14	99	N	-	HB GRANODIORITE W/PY,ML
801	SRR008	b	QU	N	1.70	4860	4	55	N	-	QTZ W/BN
802	SRE001	b	QU	N	0.30	520	2	4	N	-	QTZ W/CP,ML
803	SHE021	b	VB	N	N	114	1	30	14	-	PORPHYRITIC AMPHIBOLITE
804	AJ8GV6219	c	CH	0.008	0.40	667	4	22	1	730	ML-ST METACHERT
805	AJ8SV1088	c	QU	0.026	0.30	1456	3	3	2	N	QTZ-FELDSPAR VEIN W/CP,ML
806	AJ8WV1870	c	QU	0.006	0.10	15	5	12	N	290	QTZ VEIN W/PY + GOSSAN
807	AJ8WV1872	c	QU	0.011	0.20	149	3	14	4	340	FE-ST QTZ VEIN W/HEM
808	AJ8WV1873	c	QU	0.022	0.70	486	2	3	1	N	FE-ST QTZ VEIN W/PY
809	SHE037	b	VBA	0.100	N	307	1	11	10	-	AMPHIBOLITE CUT BY HB DIORITE
810	AJ8WV1867	c	QU	0.411	1.30	23	51	9	3	720	FE-ST QTZ VEIN W/PY,MO
810	AJ8WV1869	c	PT	0.058	0.10	26	5	41	4	730	DIORITE NEAR VEIN SWARM
810	AJ8WV1868	c	QU	0.824	2.70	6	25	5	4	710	FE-ST QTZ VEIN W/PY
810	AJ8WV1866	c	QU	0.019	0.10	6	3	2	N	230	FE-ST QTZ VEIN W/PY
811	AJ8WV1865	c	QU	0.018	0.10	19	3	15	2	140	FE-ST QTZ VEIN W/PY
812	AJ8SV1080	c	QU	N	0.10	189	3	9	N	N	QTZ-FELDSPAR VEIN IN DIORITE
812	AJ8SV1079	c	QU	0.010	0.30	595	4	15	2	30	QTZ-FELDSPAR VEIN W/SULF
812	AJ8SV1081	c	QU	N	N	86	2	19	4	N	VUGGY QTZ VEIN
813	AJ8SV1083	c	QU	0.027	0.50	2140	2	8	10	N	FE-ST QTZ VEIN W/PY,CP,ML
813	AJ8SV1082	c	QU	0.009	0.10	485	3	12	3	160	QTZ VEIN IN METABASALT
814	AJ8SV1084	c	QU	0.008	0.10	118	4	69	71	N	QTZ-BASALT BRECCIA W/ML

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*–Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
814	AJ8SV1085	c	VB	0.008	0.10	102	2	72	24	N	FE-ST CHLORITIC ALT W/QTZ,PY
815	AJ8SV1086	c	QU	0.008	0.10	303	5	43	16	N	QTZ VEIN W/CP,SULF
816	AJ8SV1089	c	QU	N	0.10	103	9	37	17	30	QTZ VEIN W/PY,CP
817	AJ8SV1087	c	QU	0.007	N	165	3	15	6	N	QTZ VEIN W/CP,MO
818	AJ7SV670	c	PT	N	N	6	2	28	N	1900	QTZ RICH DIKE W/ DISSEM SULFIDES
819	AJ7WV1779	c	PT	N	N	40	2	42	2	-	FE-ST DIORITE W/ ML
820	SHT018	b	PT	N	N	4	6	7	N	-	GARNETIFEROUS GRANITE PORPHYRY
821	AJ8GV6216	c	PT	0.009	N	9	9	23	N	1600	QTZ-FELDSPAR PLUTON
822	AJ8GV6218	c	PT	0.007	N	6	4	13	N	1100	QTZ-FELDSPAR PLUTON
823	AJ8GV6217	c	PT	N	N	22	5	26	2	1800	PEGMATITE DIKE
824	SHE154	b	VB	N	N	86	1	17	N	-	AMYGDALOIDAL BASALT
825	SRE002	b	QU	N	0.10	9	2	25	N	-	QTZ W/MINOR PY
826	SHE003	b	QU	N	N	14	4	8	N	-	QTZ W/MINOR PY
827	SHE005	b	VB	N	N	18	2	42	N	-	ALT BASALT W/MINOR PY
828	SHE007	b	PT	N	N	15	2	70	N	-	HB BIO DIORITE W/EP
829	AJ7WV1702	c	VB	0.274	1.60	6000	N	53	-	-	METABASALT W/DISSEM CP,ML
830	AJ8SV1023	c	PT	0.007	N	105	4	76	20	30	PEGMATITE
830	AJ8SV1022	c	UM	0.010	N	137	3	42	24	180	ULTRAMAFIC W/MAG
831	AJ8WV1864	c	UM	0.023	0.10	38	3	18	30	180	ULTRAMAFIC
832	AJ8SV1077	c	QU	0.017	0.40	2124	3	38	12	N	QTZ-CALC VEIN W/ML,CP,BN
832	AJ8SV1076	c	QU	N	0.10	115	2	19	7	N	QTZ-CALC VEIN
832	AJ8SV1078	c	SU	0.129	5.90	3.90%	5	60	124	N	MASSIVE CP IN QTZ VEIN
832	AJ8SV1074	c	QU	0.005	N	32	5	64	22	N	CALC VEIN IN SHEAR ZONE
832	AJ8SV1075	c	QU	0.013	0.10	108	2	27	9	N	QTZ-CALC VEIN W/BN,CP
833	AJ8WV1862	c	QU	12.034	2.00	54	12	10	12	N	FE-ST QTZ VEIN W/PY
834	AJ8WV1863	c	QU	0.312	4.70	1951	6	22	6	N	FE-ST QTZ VEIN W/CP,PY,ML
835	AJ8SV1099	c	QU	0.118	0.10	89	3	47	8	N	QTZ-CALC VEIN
836	SRH004	b	PT	N	N	9	5	10	N	-	PINK GRANITE DIKE
837	SRH003	b	QU	N	0.60	163	4	10	N	-	QTZ W/CP
838	SHH002	b	PT	N	N	3	4	34	N	-	HB BIO GRANODIORITE
839	SRE003	b	VB	N	0.10	87	3	44	N	-	ALT BASALT W/PY,LIMONITE
840	SHE027	b	VB	N	N	342	1	70	28	-	METABASALT W/EP VEINLETS
841	SHH138	b	UM	N	0.10	16	10	30	23	-	HORNBLENDITE
842	SHE035	b	PT	N	N	9	N	26	44	-	HB DIORITE
843	AJ8SV1044	c	UM	0.012	N	27	N	48	30	N	ULTRAMAFIC W/ MAG
844	AJ8SV1073	c	UM	0.007	0.10	47	3	20	9	N	GABBRO
845	AJ6WV1617	c	UM	N	0.20	785	N	46	25	-	ULTRAMAFIC W/CP
846	AJ8WV1832	c	UM	0.011	N	360	3	58	26	60	ULTRAMAFIC W/MAG
847	AJ8WV1856	c	UM	N	0.20	355	4	22	30	380	ULTRAMAFIC W/CP,ML,BIO
848	AJ8WV1855	c	UM	N	0.10	210	3	67	30	100	ULTRAMAFIC W/ML,CP
849	AJ8WC1854	c	UM	N	N	36	3	40	33	660	ULTRAMAFIC W/BIO
850	AJ6SV427	c	VB	N	N	290	N	44	15	N	BASALT
850	AJ6SV569	c	VB	N	N	400	N	38	16	-	METABASALT W/DISSEM CP
850	AJ6WV1703	c	VB	N	0.30	1850	N	20	-	-	METABASALT W/EP, CP, ML
850	AJ6SV425	c	VB	0.510	N	920	2	28	11	N	METABASALT W/BLEBS OF CP UP TO 1/8" ACROSS
850	AJ6SV570	c	VB	0.070	N	2650	N	10	7	-	METABASALT BRECCIA W/QTZ, EP, CP, ML, AZ
850	AJ6SV426	c	VB	0.380	N	430	2	32	11	N	METABASALT W/BLEBS OF CP UP TO 1/8" ACROSS
851	AJ6SV459	c	VB	0.100	0.30	2570	10	21	10	40	EP ALT BASALT W/BLEBS OF CP+ML

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*—Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
852	AJ6UV6347	c	CA	N	N	108	4	70	28	N	GARNET-PYROXENE-EP SKARN W/PO, MAG
853	AJ6UV6346	c	VB	N	N	83	N	73	25	N	PORPHYRITIC ANDESITE/BASALT W/PY
854	AJ7SV586	c	PT	N	N	176	2	30	15	368	FELSIC DIKE IN FE-ST BRECCIATED ZONE
854	AJ7SV587	c	PT	N	N	235	3	32	18	439	FE-ST FELSIC DIKE W/PY
854	AJ7SV588	c	PT	N	N	390	6	13	8	135	FELSIC VEIN W/PY
855	AJ7SV8096	c	UM	N	0.20	782	2	29	20	170	ULTRAMAFIC W/CP
855	AJ7SV8099	c	QU	N	0.10	490	N	42	25	800	QTZ BRECCIA W/PO, CP
855	AJ7SV8098	c	UM	N	0.10	769	N	36	26	70	ULTRAMAFIC W/CP
855	AJ7SV8097	c	UM	0.070	0.10	248	N	36	21	260	ULTRAMAFIC
855	AJ7SV8095	c	UM	N	0.10	790	N	30	24	N	ULTRAMAFIC W/DISSEM CP
856	AJ7SV679	c	UM	N	0.10	207	3	34	21	-	ULTRAMAFIC W/EP
856	AJ6WV1616	c	UM	N	0.20	590	N	37	32	-	ULTRAMAFIC W/CP, MAG, ML
857	AJ7SV543	c	VB	0.240	0.30	640	5	103	31	-	METABASALT W/FE-ST, ML
858	AJ7SV544	c	VB	0.140	0.30	345	4	57	14	-	GREEN FAULT GOUGE & FE-ST METABASALT
858	AJ7SV545	c	VB	0.070	N	240	4	50	17	-	ML-ST METABASALT EP & QTZ STRINGERS
859	AJ7WV1688	c	VB	0.380	1.20	6900	N	66	14	-	FE-ST METABASALT W/EP, CP, ML
860	AJ7SV581	c	VB	N	0.40	1750	N	84	36	-	METABASALT W/EP, CP
861	AJ7SV546	c	VB	N	N	385	4	30	11	-	METABASALT W/ML
862	AJ7WV1687	c	SU	0.100	0.10	1150	5	13	5	-	FE-ST EP KNOTS W/CP, ML
862	AJ8SV1029	c	VB	0.005	N	104	N	28	10	N	METABASALT
863	AJ8SV1015	c	PT	0.011	N	161	6	147	12	1000	FAULT ZONE W/DIORITE
864	AJ8SV1021	c	VB	0.013	0.20	171	4	36	12	140	FE-ST METABASALT
865	AJ8SV1018	c	VB	0.008	0.10	107	2	58	12	190	FE-ST BRECCIATED METABASALT IN FAULT
866	AJ7SV565	c	VB	N	N	140	4	35	12	-	METABASALT W/SPARSE SULF, PY, CP
867	AJ7SV563	c	VB	N	N	19	N	22	11	-	METABASALT
868	AJ7SV672	c	UM	N	0.10	95	3	47	23	-	ULTRAMAFIC
869	AJ7SV673	c	VB	N	0.30	254	4	43	37	-	TAN-ST QTZ-CALC ALT METABASALT W/PY, CP
870	AJ7SV674	c	VB?	N	0.20	190	5	122	30	-	TAN & GREY SCHIST
871	AJ7SV675	c	VB	N	0.40	1170	N	84	35	-	EP ALT ZONE IN METABASALT W/CP
872	AJ7SV676	c	VB	N	0.10	148	3	61	23	-	FE-ST SILICIFIED METABASALT DIKE W/ PY,CP
873	AJ7WV1710	c	VB	N	N	215	2	83	-	-	GREEN SCHIST EP ZONE IN METABASALT W/SULF
874	AJ7WV1787	c	VB	N	0.10	311	N	82	23	130	SHEAR W/FE-ST METABASALT & SED W/ML
875	AJ7WV1794	c	VB	N	0.30	496	6	57	22	1700	METABASALT W/FE-ST CALC, CP
876	AJ7WV1706	c	VB	N	N	194	N	66	-	-	METABASALT W/EP, CP
877	AJ8SV1037	c	VB	0.006	N	50	N	65	16	30	SHEAR ZONE IN METABASALT
878	AJ7SV678	c	VB	N	0.60	1370	4	68	26	-	METABASALT W/QTZ, EP, CP
879	AJ6WV1588	c	VB	N	0.30	134	4	48	35	-	METABASALT W/SULF
879	AJ6WV1589	c	QU	0.005	0.60	345	9	27	58	40	QTZ KNOT IN FAULT W/SULF
879	AJ6WV1590	c	VB	0.020	0.20	2370	6	17	12	250	EP ALT BASALT W/SULF, CP, ML
880	AJWV1689	c	QU	N	0.20	2200	3	5	5	-	FE-ST QTZ VEIN W/CP, ML, PY
880	AJ6WV1601	c	QU	N	1.20	2110	N	46	8	50	QTZ VEIN W/CP
880	AJ7SV547	c	QU	N	0.20	1850	4	8	5	-	FE-ST QTZ VEIN W/CP, ML, PY
881	AJ8SV1006	c	QU	N	N	36	3	4	N	N	QTZ VEIN
881	AJ8SV1005	c	QU	0.114	1.70	5300	N	76	15	N	QTZ VEIN W/PY,CP
881	AJ8SV1007	c	QU	0.006	0.10	310	3	9	2	N	QTZ VEIN W/PY,CP
882	AJ8SV1039	c	CH	N	N	9	N	96	6	110	CHERT IN BASALT W/ SULF
883	AJ6SV478	c	VB	N	0.30	295	16	127	30	50	FE-ST METABASALT W/PY
884	AJ6SV477	c	VB	N	0.20	175	5	38	30	60	METABASALT W/BLEB OF PY

Table 4. *Bedrock samples, Haines-Klukwan-Porcupine area*—Continued

(All samples in ppm, except where indicated)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	Au	Ag	Cu	Pb	Zn	Co	Ba	COMMENTS
885	AJ8WV1821	C	VB	0.446	8.30	8400	19	220	44	N	BASALT GOSSAN W/CP,PY,ML,QTZ
885	AJ8SV1070	C	VB	0.005	N	50	4	161	10	570	SHEAR IN FE-ST METABASALT
886	AJ6SV479	C	CH	N	0.20	49	14	119	16	630	BLACK GRAY SLATE
887	AJ6WV1609	C	CH?	N	N	143	8	105	35	1490	HORNFELS
887	AJ6WV1608	C	SU	0.140	5.70	1.23%	18	68	25	2710	SULF KNOT IN HORNFELS W/ML
888	AJ6WV1599	C	VB	N	0.40	360	7	223	40	40	METABASALT W/SULF
889	AJ6WV1598	C	VB	N	1.40	4750	N	79	32	-	EP ALT BASALT W/CP
890	AJ6WV1597	C	VB	N	N	370	N	14	4	30	EP ALT BASALT W/CP
890	AJ6WV1607	C	VB	N	0.20	26	7	42	5	-	RED CHERT IN METABASALT
891	AJ6WV1596	C	VB	N	2.50	3910	3	10	3	-	EP ALT BASALT W/CP
892	AJ6WV1595	C	QU	N	N	45	3	110	14	-	QTZ-CALC VEIN IN METABASALT W/ML
893	AJ6WV1607	C	CH	N	0.20	26	7	42	5	-	RED CHERT IN METABASALT
894	AJ6WV1606	C	VB	N	N	34	3	65	24	630	ANKERITE IN FE-ST METABASALT
895	AJ7WV1716	C	VB	N	0.10	57	N	36	-	-	METABASALT W/SULF
896	AJ7WV1717	C	VB	N	0.20	131	N	126	-	-	METABASALT W/PY, PO

Table 5. *Bedrock molybdenum analyses, Haines-Klukwan-Porcupine area*

(All values in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	MO	COMMENTS
18	87WG58B	d	PA	N	DIORITE
38	84WG96	d	PA	N	GRANODIORITE
38	AJ5GV2815	c	PA	4	K/AR SAMPLE
41	AJ5GV2814	c	PA	2	ORTHOGNEISS
42	AJ5GV2698	c	VM	3	DIABASE
99	84WG90	bc	QU	2	QTZ VEIN
103	84WG87	bc	VM	5	GRAPHITIC MAFIC SCHIST
123	84WG202	bc	AA	26	PHYLLITIC BLACK ARGILLITE
127	84WG74	bc	AA	9	FE-ST ARGILLITE W/PY
128	86WG76	d	PA	N	GRANODIORITE
129	84WG78	bc	AA	15	FE-ST HORNF CALC SILTSTONE W/PY
140	84ER189	bc	GO	3	GOSSAN ALT VOLC + MBL W/PY
141	84ER191	bc	AA	3	FE-ST ARGILLITE W/SOME PY
142	AJ5GV2813	c	PA	5	TONALITE
156	AJ5GV2808	c	PA	4	HB DIORITE
156	AJ5GV2809	c	PA	3	HB DIORITE
181	AJ5GV2810	c	PA	2	HB BIO GRANODIORITE K/AR
187	84ER69	bc	QU	N	QTZ VEIN IN SLATE W/PO
193	84ER65	bc	AA	96	SLATE W/PY-CUT BY FELSIC SILLS
199	84ER64	bc	AA	24	FE-ST HORN SLATE CUT BY DIORITE DIKES
204	84WG131	bc	AA	4	FE-ST ARGILLITE
212	84WG154	d	PA	N	HORNBLENDE DIORITE
215	84WG156	bc	QU	3	QTZ VEIN
220	84WG158	bc	SU	3	MASSIVE SULF LENS
224	84WG172	bc	AA	9	FE-ST HORNFELSED ARGILLITE
225	84WG170	bc	AA	3	HORNFELSED ARGILLITE
226	84WG191b	bc	PA	N	QTZ-FELDSPAR DIKE
226	84WG191a	bc	SU	2	GOUGE W/SULF
244	84WG218b	bc	AA	19	SHEARED SLATE
244	84WG218a	bc	PA	N	FELSIC DIKE
248	84WG79	bc	AA	3	DARK GREY SILTSTONE W/PY
249	84WG80	bc	CH	N	FE-ST GREY-GREEN CHERT W/PY
250	84WG216	bc	CA	N	LMST BRECCIA
283	84ER5	bc	AA	7	HORNFELSED BLACK ARGILLITE W/PY VEIN
285	84ER7	bc	AP	3	FE-ST ARGILLITE
292	AJ5GV2807	c	PA	5	HB DIORITE
293	84ER124	bc	AA	26	FE-ST HORNFELSED SLATE W/PO
294	84ER125	bc	PA	38	FE-ST DIORITE W/PY
315	84WG117a	bc	AA	6	FE-ST SLATE
315	84WG117b	bc	PA	N	FELSITE SILL
316	84WG111	bc	AA	12	BLACK SLATE

Table 5. *Bedrock molybdenum analyses, Haines-Klukwan-Porcupine area*—Continued

(All samples in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	MO	COMMENTS
320	84WG108	bc	QU	8	QTZ VEIN
323	84WG222	bc	AA	6	FE-ST SLATE W/PY
327	84ER27	bc	AA	N	HORNFELSED SLATE AND SILTSTONE
332	AJ5GV2817	c	PA	3	DIORITE
335	84WG68	d	PA	N	GRANODIORITE
336	84WG102	bc	AA	7	HORNFELS
339	84WG113	d	PA	2	HB DIORITE
339	AJ5GV2816	c	PA	3	HB DIORITE
350	84WG134	bc	AA	9	HORNFELSED ARGILLITE AT PLUTON CONTACT
352	84WG136	bc	AA	44	HORNFELSED ARGILLITE AT PLUTON CONTACT
353	84WG195	bc	AA	18	HORNFELSED ARGILLITE
354	AJ5GV2818	c	PA	4	GRANODIORITE
370	84WG161	bc	AA	7	FE-ST SLATE
374	84WG146	bc	AA	6	SLATE
382	84WG152	bc	AA	3	FE-ST SILICIFIED ARGILLITE
385	84WG150	bc	AA	18	SILICIFIED ARGILLITE W/PY
403	84ER43	d	PA	N	HB DIORITE
405	84ER47	bc	AA	9	HORNFELSED ARGILLITE W/PY
408	84WG143	bc	QU	2	QTZ-FELDSPAR DIKE W/PO
431	84ER75	bc	AA	12	BLACK PHYLLITE W/QTZ VEINS + PY
445	84ER76	bc	AA	25	FE-ST HORNFELSED PHYLLITE W/PY + QTZ VEIN
515	AJ5GV2688	c	PA	1	GRANODIORITE
516	AJ5GV2695	c	PA	2	QTZ DIORITE
529	AJ5GV2693	c	PA	2	FOLIATED DIORITE
562	AJ5GV2700	c	PA	2	QTZ DIORITE
563	AJ5GV2697	c	PA	1	DIORITE
564	AJ5GV2696	c	PA	2	QTZ DIORITE
566	AJ5GV2689	c	PA	2	FOLIATED DIORITE
573	AJ5GV2699	c	PA	2	FOLIATED DIORITE
574	AJ5GV2694	c	PA	2	DIORITE
576	AJ5GV2691	c	PA	1	FOLIATED DIORITE
577	AJ5GV2692	c	PA	3	DIORITE
579	84ER91	bc	AA	10	FE-ST ARGILLITE
580	84ER88	bc	A	3	SILICIFIED MBL W/ DISSEM PY
581	84WG119	bc	GO	3	GOSSAN W/PY + CP
584	84WG120	bc	GO	2	GOSSAN
585	84WG121a	bc	GO	2	GOSSAN
590	84WG141	bc	GO	4	GOSSAN AT CONTACT W/GREENSTONE
591	84WG142	bc	GO	4	GOSSAN AT CONTACT W/GREENSTONE
601	AJ5GV2811	c	PA	5	HB BIO GRANODIORITE
604	84WG122	bc	CA	4	WHITE MBL
606	84WG123	bc	AA	N	FE-ST ARGILLITE W/PY
609	84ER53	bc	AA	2	ALT HORNFELS ARGILLITE
610	84ER55	bc	PA	2	FE-ST ALT DIORITE AND LMST
612	84ER57	bc	CA	3	FE-ST CRUSHED LMST HORNFELS W/PO
617	84ER84	bc	CA	10	FE-ST MBL W/PY
618	AJ5GV2812	c	PA	4	BIO HB GRANODIORITE
618	84ER85	d	PA	N	GRANODIORITE

Table 5. *Bedrock molybdenum analyses, Haines-Klukwan-Porcupine area*—Continued

(All samples in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	MO	COMMENTS
626	84WG159	bc	CA	2	MBL W/PY
639	AJ5GV2690	c	PA	1	QTZ DIORITE K/AR
677	86WG260	d	PA	N	GRANITE
679	87WG32	d	PA	N	GRANODIORITE
686	87WG106	d	PA	N	DIORITE
695	87WG67	d	PA	N	GRANODIORITE
696	87WG64	d	PA	N	TONALITE
710	AJ7SV637	c	SU	3	MASSIVE PO 0.1' THICK
710	AJ7SV638	c	VF?	5	QTZ SCHIST W/ 30% PO
725	87WG22	d	PA	N	TONALITE
752	86JK306			N	(Analysis by nuclear activation method)
753	85WG250	c	PT	1	GRANITE PORPHYRY BRECCIA
772	SHH128	b	PT	1	MED GR HB DIORITE W/DISSEM PY
773	SHR096	b	GO	3	GOSSAN IN GNEISSIC ZONE W/ABUNDANT PY
774	SHR097	b	PT	1	FOLIATED QTZ DIORITE W/DISSEM PY
775	SHE164	b	PT	1	MED GR HB GRANODIORITE PORPHYRY
776	AJ8GV6220	c	QU	3	QTZ VEIN W/PY
782	SRE011	b	QU	2	QTZ-CALC VEIN W/ABUNDANT LIMONITE
783	SHE168	b	PT	2	PORPHYRITIC HB BIO GRANODIORITE
784	SRE009	b	QU	137	QTZ VEIN WI/PY CUBES + MO
785	SHR108	b	PT	2	HB BIO GRANODIORITE
786	SRH010	b	QU	2	QTZ W/SULF
787	SRH011	b	PT	N	ALT HB BIO GRANODIORITE W/DISSEM PY
789	AJ7SV582	c	QU	1	QTZ-CALC VEIN W/FE-ST SULF
789	AJ7SV583	c	QU	N	QTZ-CALC VEIN
789	AJ7SV584	c	QU	N	QTZ-CALC VEIN
792	SHR039	b	PT	N	HB GRANODIORITE
793	SHR057	b	PT	1	HB GRANODIORITE
794	SHR055	b	PT	1	HB GRANODIORITE
795	SRE055	b	PT	1	SHEARED HB DIORITE W/JASPEROID
798	SHE013	b	PT	1	GARNETIFEROUS GRANITE PORPHYRY
799	SRH008	b	PT	2	FINE-GR HB GRANODIORITE W/TRACES OF ML
800	SRR010	b	PT	2	HB GRANODIORITE W/PY, ML
801	SRR008	b	QU	2	QTZ VEIN W/BN
802	SRE001	b	QU	N	QTZ W/CP, ML
803	SHE021	b	VB	1	PORPHYRITIC AMPHIBOLITE
804	AJ8GV6219	c	CH	2	ML-ST METACHERT
809	SHE037	b	VB	2	AMPHIBOLITE CUT BY HB DIORITE
810	AJ8WV1867	c	QU	1240	FE-ST QTZ VEIN W/PY,MO
820	SHT018	b	PT	N	GARNETIFEROUS GRANITE PORPHYRY
821	AJ8GV6216	c	PT	2	QTZ-FELDSPAR PLUTON
822	AJ8GV6218	c	PT	1	QTZ-FELDSPAR PLUTON
823	AJ8GV6217	c	PT	2	PEGMATITE DIKE
824	SHE154	b	VB	1	AMYGDALOIDAL BASALT
825	SRE002	b	QU	N	QTZ W/MINOR PY
826	SHE003	b	QU	1	QTZ W/MINOR PY
827	SHE005	b	VB	1	ALT BASALT W/MINOR PY
828	SHE007	b	PT	1	HB BIO DIORITE W/EP

Table 5. *Bedrock molybdenum analyses, Haines-Klukwan-Porcupine area*–Continued

(All samples in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	MO	COMMENTS
836	SRH004	b	PT	1	PINK GRANITE DIKE
837	SRH003	b	QU	2	QTZ W/CP
838	SHH002	b	PT	1	HB BIO GRANODIORITE
839	SRE003	b	VB	4	ALT BASALT W/PY, LIMONITE
840	SHE027	b	VB	2	METABASALT W/EP VEINLETS
841	SHH138	b	UM	1	HORNBLENDITE
842	SHE035	b	PT	2	HB DIORITE
854	AJ7SV586	c	PT	1	FELSIC DIKE IN FE-ST BRECCIATED ZONE
854	AJ7SV587	c	PT	N	FE-ST FELSIC DIKE W/PY
854	AJ7SV588	c	PT	N	FELSIC VEIN W/PY

Table 6. *Stream-sediment, bedrock float, and bedrock platinum and palladium analyses, Haines-Klukwan-Porcupine area*

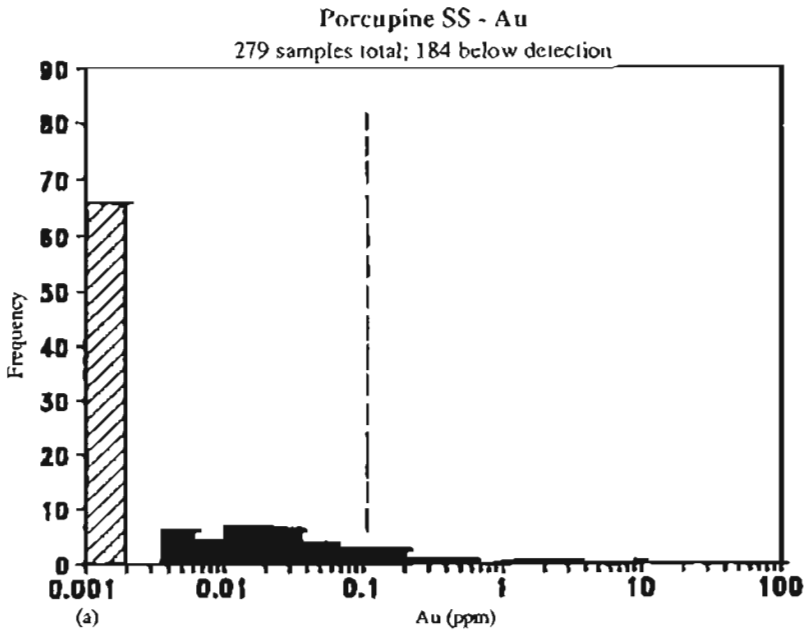
(All values in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	PT	PD	COMMENTS
BEDROCK SAMPLES						
805	AJ8SV1088	c	QU	0.040	0.030	QTZ-FELD VEIN W/CP,ML
810	AJ8WV1867	c	QU	N	0.004	FE-ST QTZ VEIN W/PY,MO
810	AJ8WV1868	c	QU	N	0.004	FE-ST QTZ VEIN W/PY
812	AJ8SV1079	c	QU	N	0.004	QTZ-FELD VEIN W/SULF
813	AJ8SV1082	c	QU	0.090	0.040	QTZ VEIN IN METABASALT
813	AJ8SV1083	c	QU	0.025	0.070	FE-ST QTZ VEIN W/PY,CP,ML
815	AJ8SV1086	c	QU	N	0.008	QTZ VEIN W/CP,SULF
830	AJ8SV1022	c	UM	0.040	0.045	ULTRAMAFIC W/MAG
830	AJ8SV1023	c	P	N	0.008	PEGMATITE
831	AJ8WV1864	c	UM	0.050	0.028	ULTRAMAFIC
832	AJ8SV1076	c	QU	N	0.010	QTZ-CALC VEIN
832	AJ8SV1078	c	SU	N	0.015	MASSIVE CP IN QTZ VEIN
832	AJ8SV1075	c	QU	N	0.008	QTZ-CALC VEIN W/BN,CP
832	AJ8SV1077	c	QU	N	0.010	QTZ-CALC VEIN W/ML,CP,BN
833	AJ8WV1862	c	QU	N	0.035	FE-ST QTZ VEIN W/PY
834	AJ8WV1863	c	QU	N	0.020	FE-ST QTZ VEIN W/CP,PY,ML
843	AJ8SV1044	c	UM	0.030	0.020	ULTRAMAFIC W/MAG
846	AJ8WV1832	c	UM	0.050	0.050	ULTRAMAFIC W/MAG
847	AJ8WV1856	c	UM	0.050	0.045	ULTRAMAFIC W/CP,ML,BIO
848	AJ8WV1855	c	UM	0.020	0.025	ULTRAMAFIC W/ML,CP
849	AJ8WV1854	c	UM	0.015	0.025	ULTRAMAFIC W/BIO
BEDROCK FLOAT SAMPLES						
F108	AJ8WV1889	c	PKL	N	0.006	DIORITE W/EP,CP,ML
F109	AJ8WV1890	c	PKL	N	0.004	DIORITE W/EP,ML,SULF
F109	AJ8WV1891	c	PKL	N	0.015	FE-ST MAFIC ZONE IN DIORITE W/BN,ML
F112	AJ8HV4327	c	PKL	N	0.006	FOLIATED DIORITE W/AZ & ML STAIN
F112	AJ8WV1892	c	PKL	N	0.015	FE-ST MAFIC ZONE IN DIORITE W/BN,ML
F120	AJ8SV1028	c	VB	N	0.020	ALTERED BASALT W/CP,QTZ,ML
F121	AJ8SV1027	c	VB	N	0.025	ALTERED BASALT W/ML,AZ
F122	AJ8SV1026	c	QU	N	0.015	QTZ VEIN W/CP IN METABASALT
F123	AJ8SV1025	c	QU	0.020	0.035	QTZ-FELD BAND W/CP,ML, IN METABASALT BRECCIA
F125	AJ8SV1042	c	QU	N	0.010	RIBBON QTZ VEIN W/CP,ML
F126	AJ8WV1847	c	VB	N	0.025	FE-ST BASALT W/BN,CP,ML,
F127	AJ8WV1846	c	QU	N	0.030	FE-ST QTZ VEIN W/BN,ML
F127	AJ8WV1844	c	VB	N	0.030	FE-ST BASALT W/BN,ML
F128	AJ8WV1842	c	QU	N	0.060	FE-ST QTZ VEINLET W/CP,ML
F129	AJ8WV1841	c	VB	N	0.010	FE-ST SHEARED BASALT W/BN,ML,
F130	AJ8WV1840	c	QU	N	0.010	BASALT-QTZ BRECCIA W/BN

Table 6. *Stream-sediment, bedrock float, and bedrock platinum and palladium analyses, Haines-Klukwan-Porcupine area*–Continued

(All samples in ppm)

MAP NO.	SAMPLE NO.	METH	SAMPLE TYPE	PT	PD	COMMENTS
F132	AJ8SV1043	c	VB	N	0.025	ALTERED BASALT W/EP,CP,ML
F133	AJ8SV1069	c	UM	N	0.004	FE-ST ULTRAMAFIC BRECCIA W/PO,PY
F133	AJ8SV1067	c	QU	N	N	QTZ-FELD VEIN
STREAM SEDIMENT AND PAN CONCENTRATE SAMPLES						
SS-435	AJ8SV1068	c	(SS)	0.020	0.025	(STREAM-SEDIMENT SAMPLE)
SS-436	AJ8SV1090	c	(PC)	N	0.010	(BEACH SAND)
SS-436	AJ8SV1091	c	(PC)	N	0.006	(BEACH SAND)



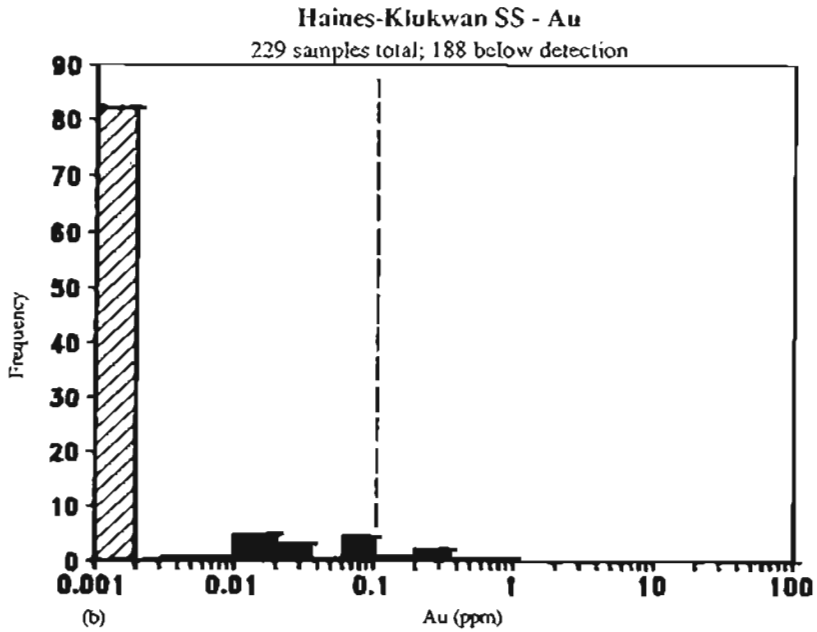
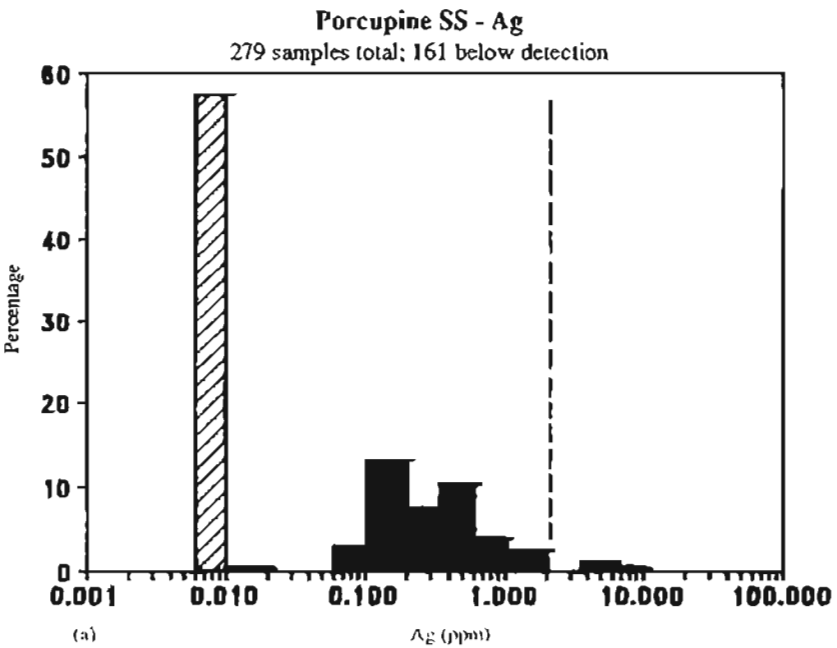


Figure 2. *Histograms of distribution of gold in stream-sediment samples from (a) Porcupine area and (b) Haines-Klukwan area. Values to the right of the dashed line are anomalous.*



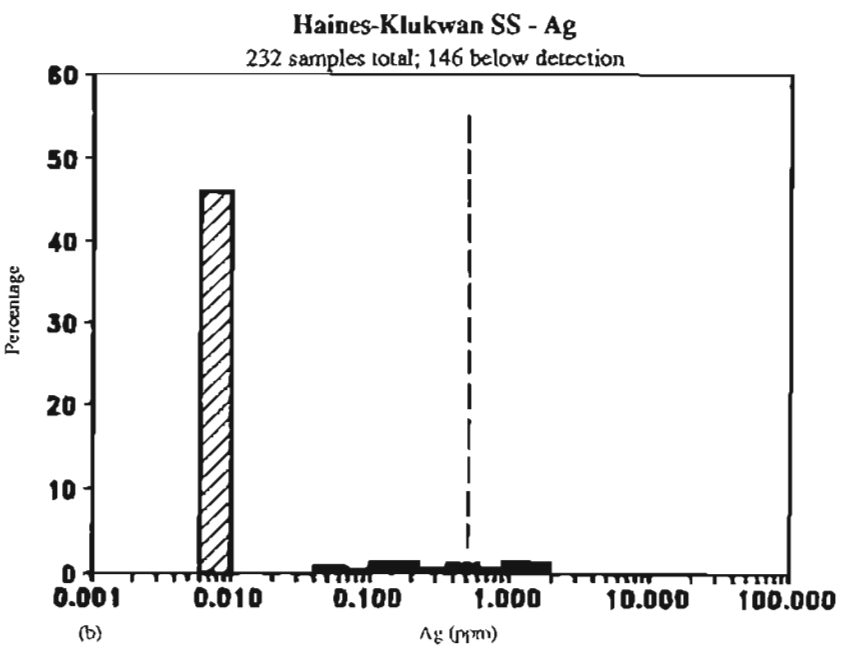
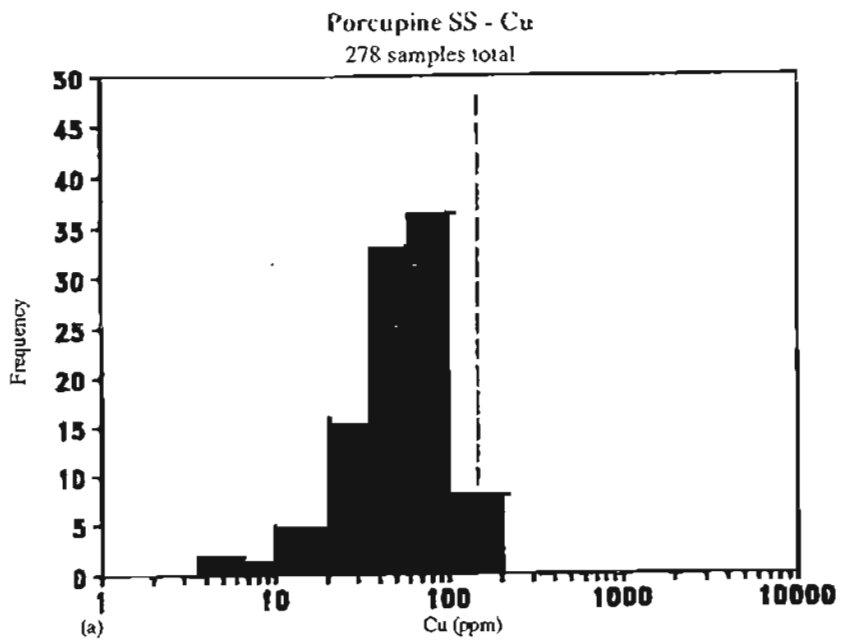


Figure 3. *Histograms of distribution of silver in stream-sediment samples from (a) Porcupine area and (b) Haines-Klukwan area. Values to the right of the dashed line are anomalous.*



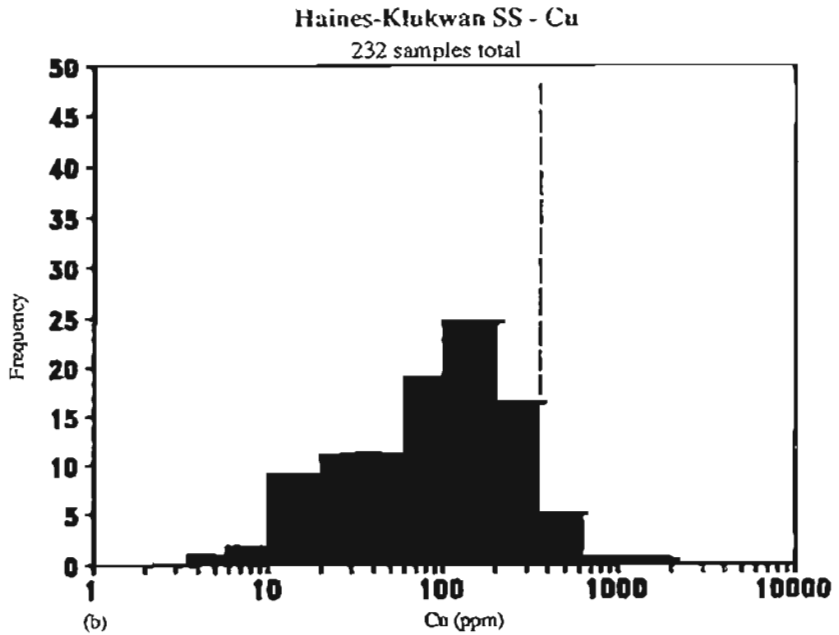
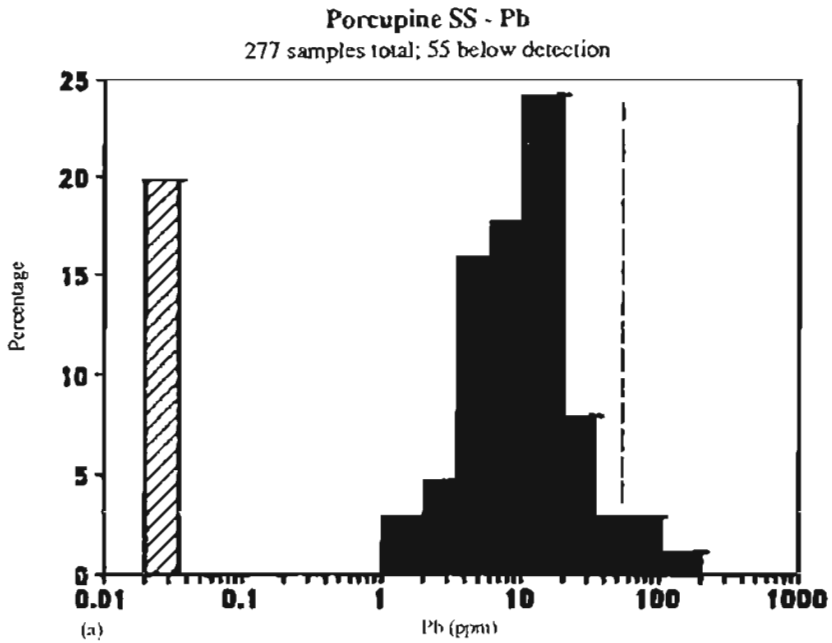


Figure 4. *Histograms of distribution of copper in stream-sediment samples from (a) Porcupine area and (b) Haines-Klukwan area. Values to the right of the dashed line are anomalous.*



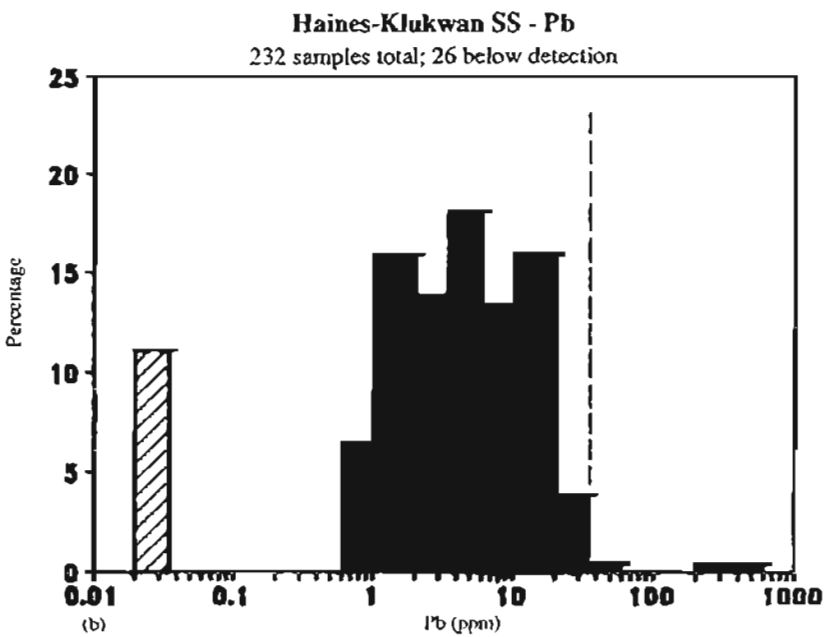


Figure 5. *Histograms of distribution of lead in stream-sediment samples from (a) Porcupine area and (b) Haines-Klukwan area. Values to the right of the dashed line are anomalous.*

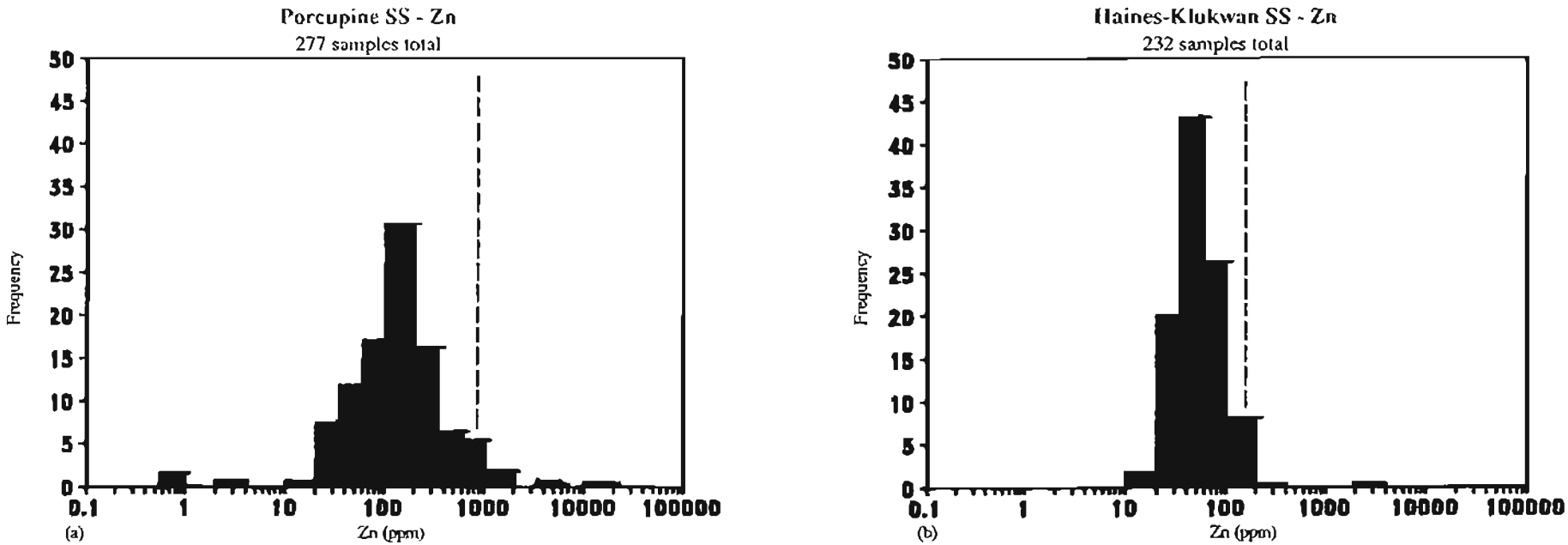


Figure 6. *Histograms of distribution of zinc in stream-sediment samples from (a) Porcupine area and (b) Haines-Klukwan area. Values to the right of the dashed line are anomalous.*

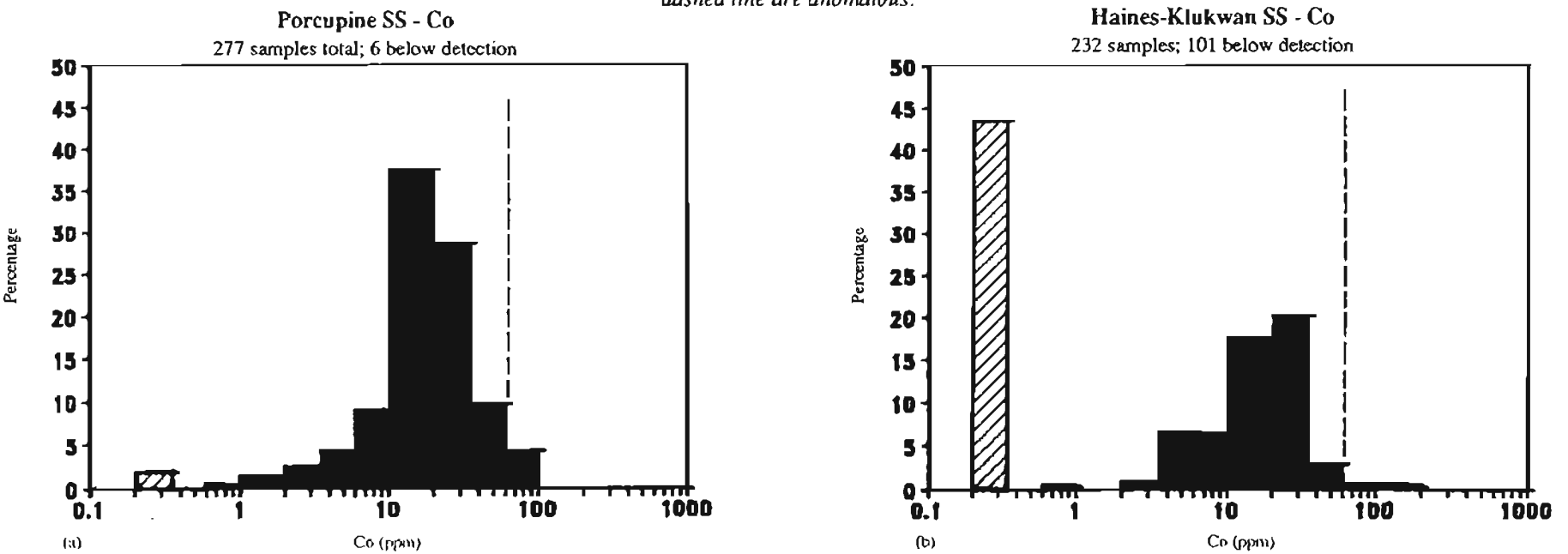


Figure 7. *Histograms of distribution of cobalt in stream-sediment samples from (a) Porcupine area and (b) Haines-Klukwan area. Values to the right of the dashed line are anomalous.*

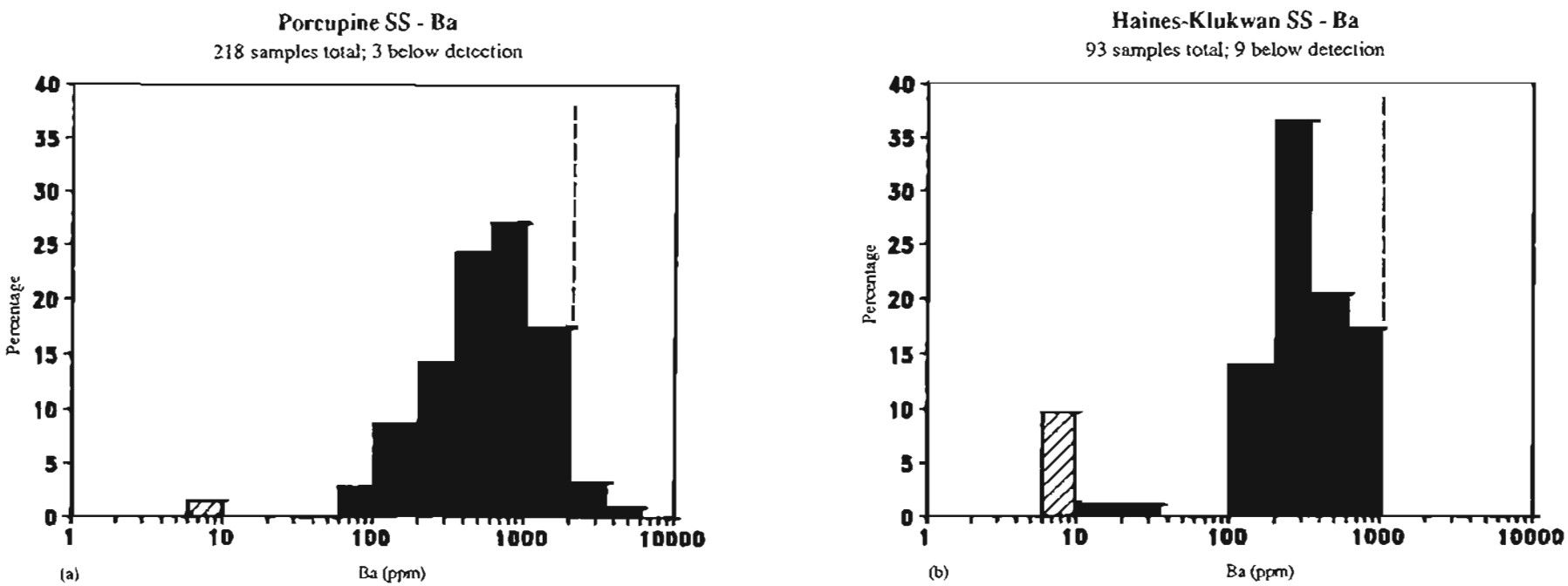


Figure 8. *Histograms of distribution of barium in stream-sediment samples from (a) Porcupine area and (b) Haines-Klukwan area. Values to the right of the dashed line are anomalous.*

Figure 9a

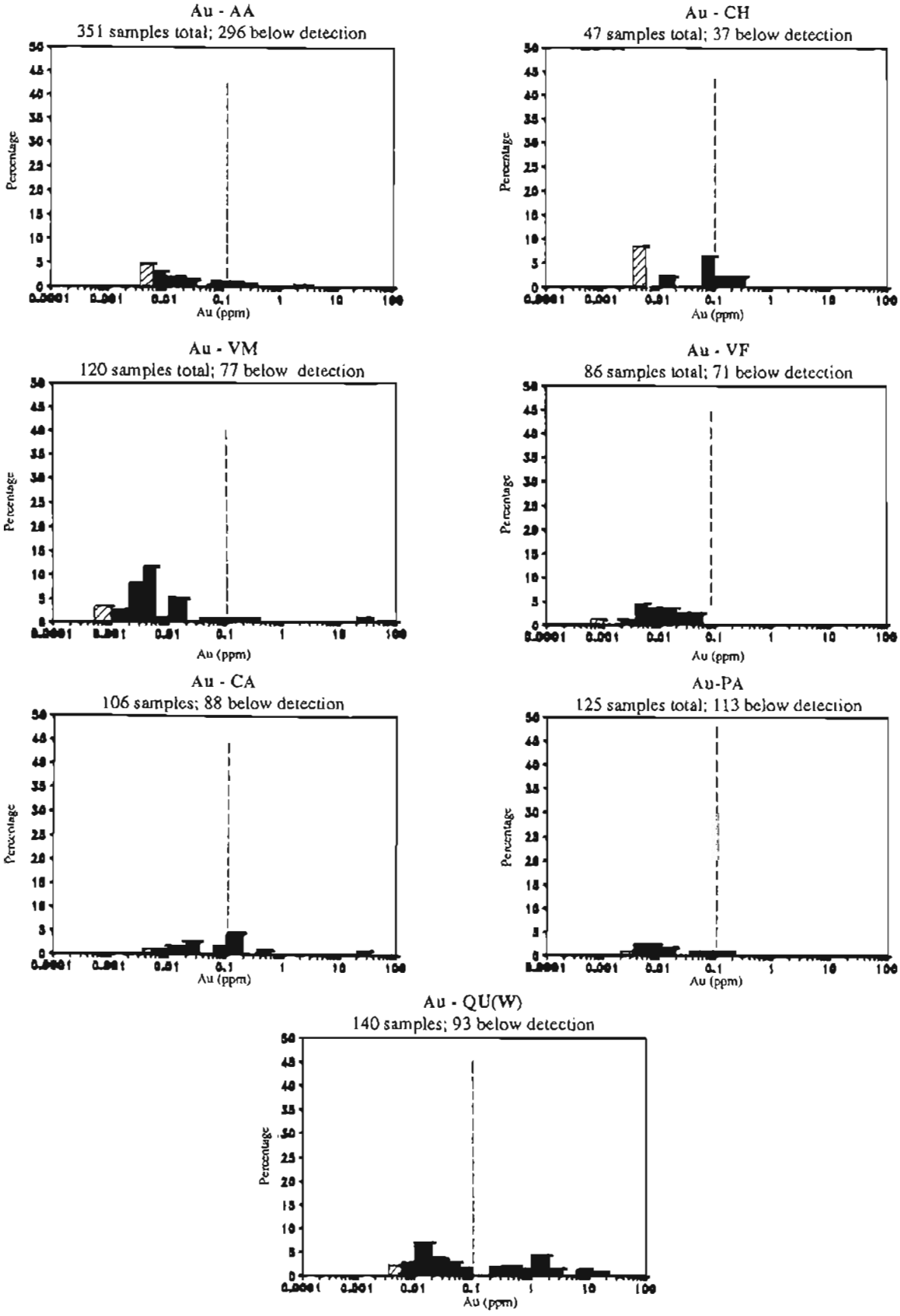

Au - AA
351 samples total; 296 below detection
Au - CH
47 samples total; 37 below detection
Au - VM
120 samples total; 77 below detection
Au - VF
86 samples total; 71 below detection
Au - CA
106 samples; 88 below detection
Au-PA
125 samples total; 113 below detection
Au - QU(W)
140 samples; 93 below detection
Percentage
Au (ppm)

Figure 9b

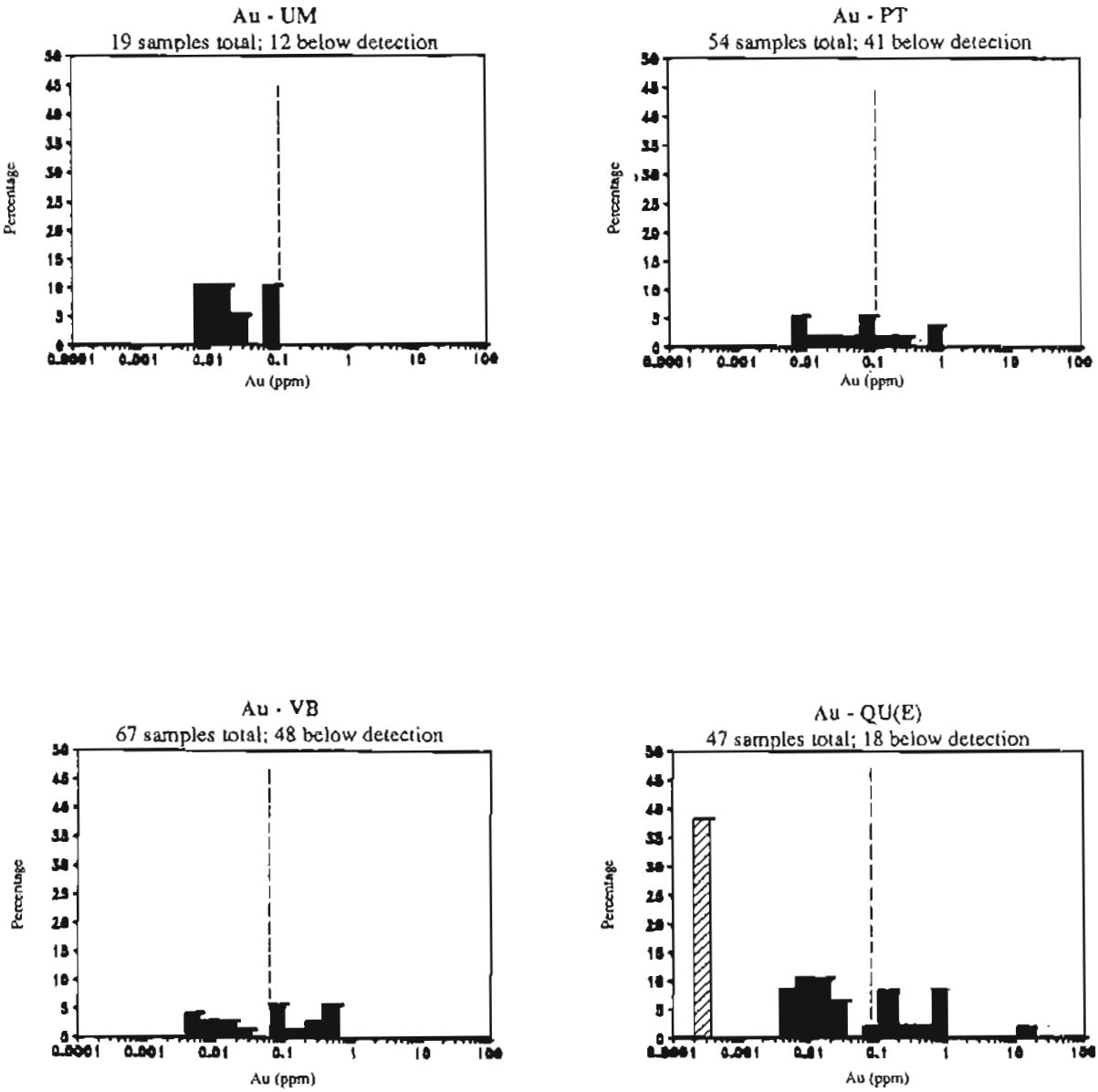


Figure 9. *Histograms of distribution of gold in bedrock samples mainly from (a) Porcupine area and (b) from Haines-Klukwan area. Values to the right of the dashed line are anomalous.*

Figure 10a

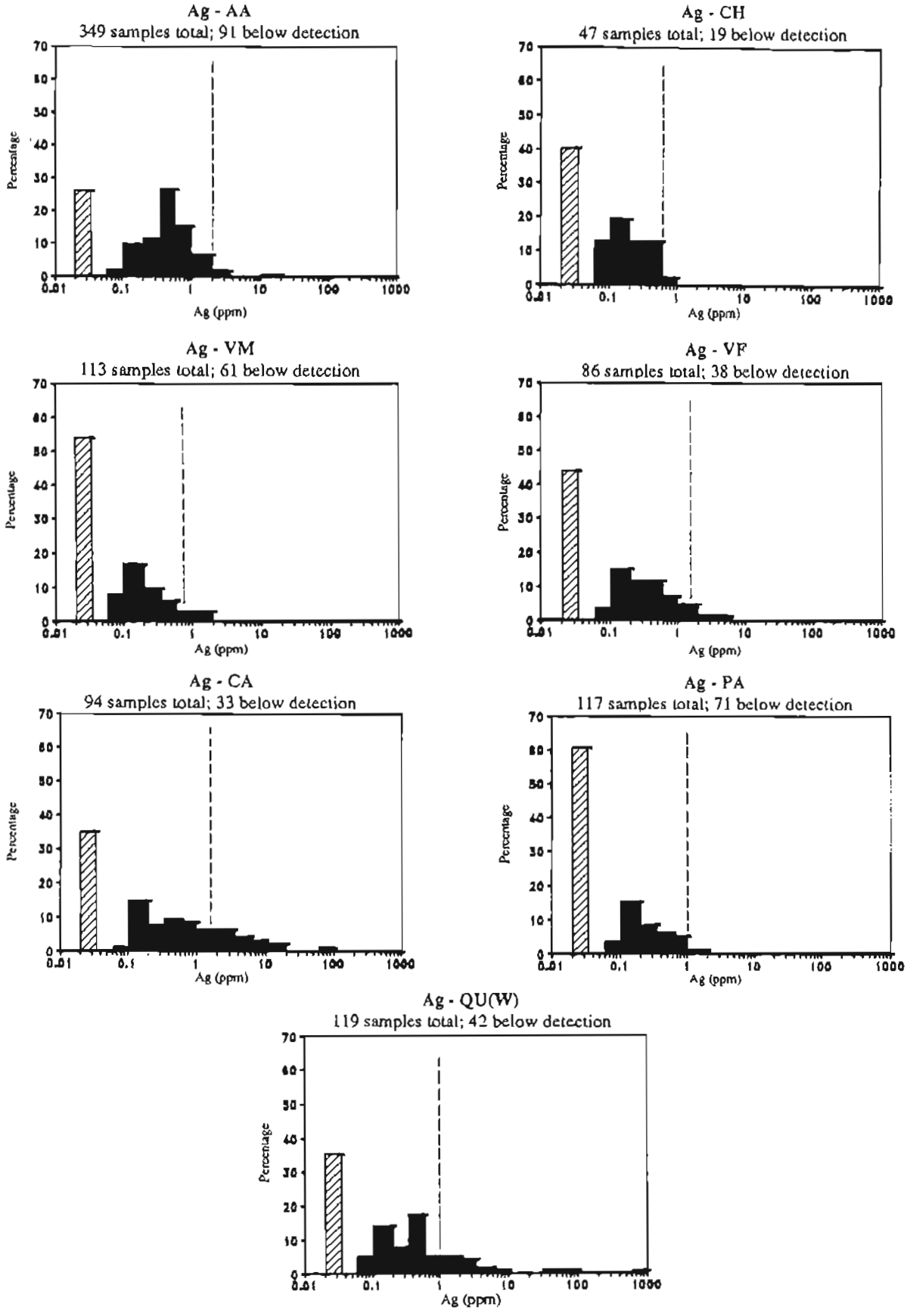

Ag - AA
349 samples total; 91 below detection
Ag - CH
47 samples total; 19 below detection
Ag - VM
113 samples total; 61 below detection
Ag - VF
86 samples total; 38 below detection
Ag - CA
94 samples total; 33 below detection
Ag - PA
117 samples total; 71 below detection
Ag - QU(W)
119 samples total; 42 below detection
Percentage
Ag (ppm)
0.01
0.1
1
10
100
1000

Figure 10b

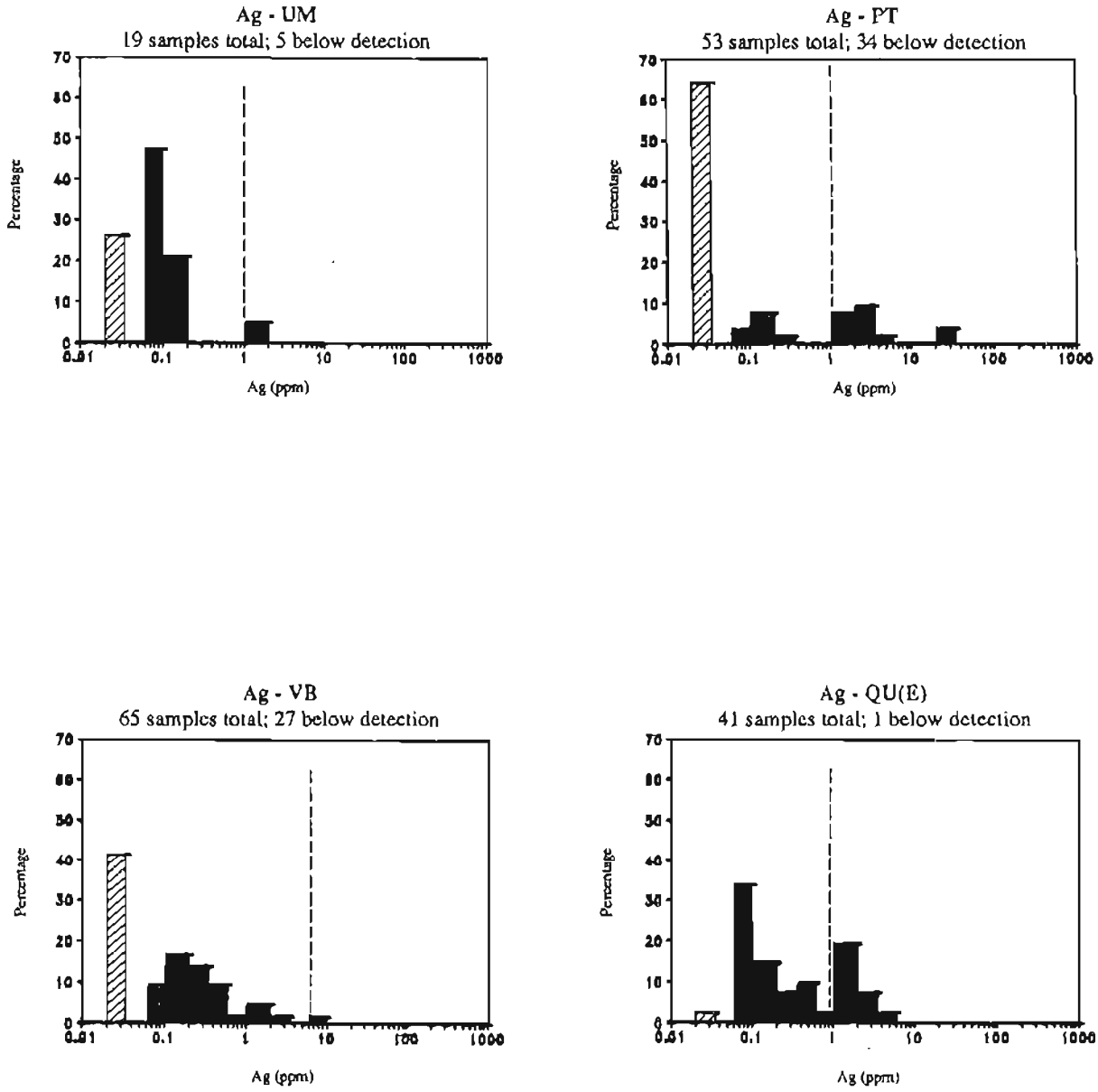


Figure 10. *Histograms of distribution of silver in bedrock samples mainly from (a) Porcupine area and (b) from Haines-Klukwan area. Values to the right of the dashed line are anomalous.*

Figure 11a

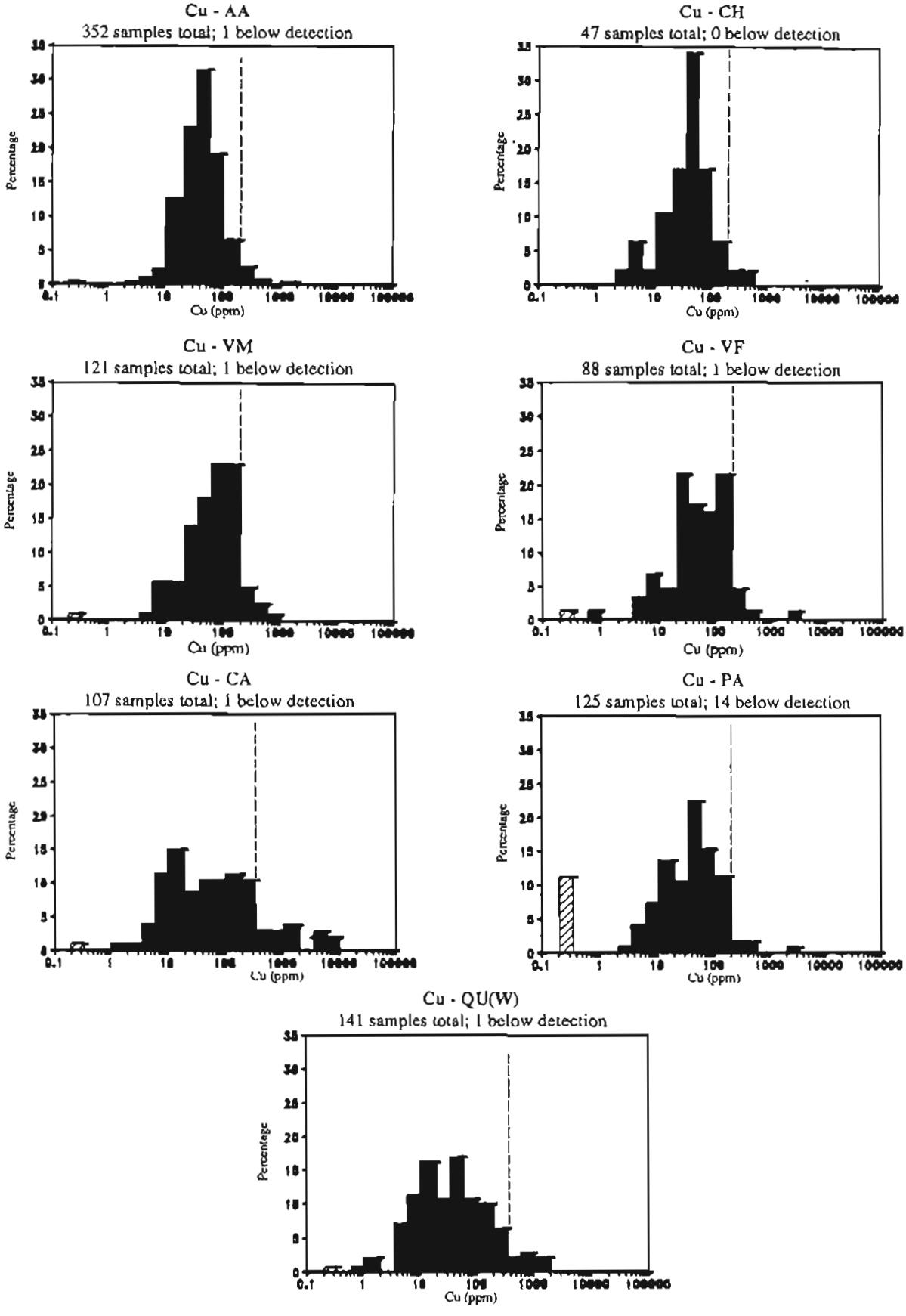

Cu - AA
352 samples total; 1 below detection
Cu - CH
47 samples total; 0 below detection
Cu - VM
121 samples total; 1 below detection
Cu - VF
88 samples total; 1 below detection
Cu - CA
107 samples total; 1 below detection
Cu - PA
125 samples total; 14 below detection
Cu - QU(W)
141 samples total; 1 below detection
Percentage
Cu (ppm)

Figure 11b

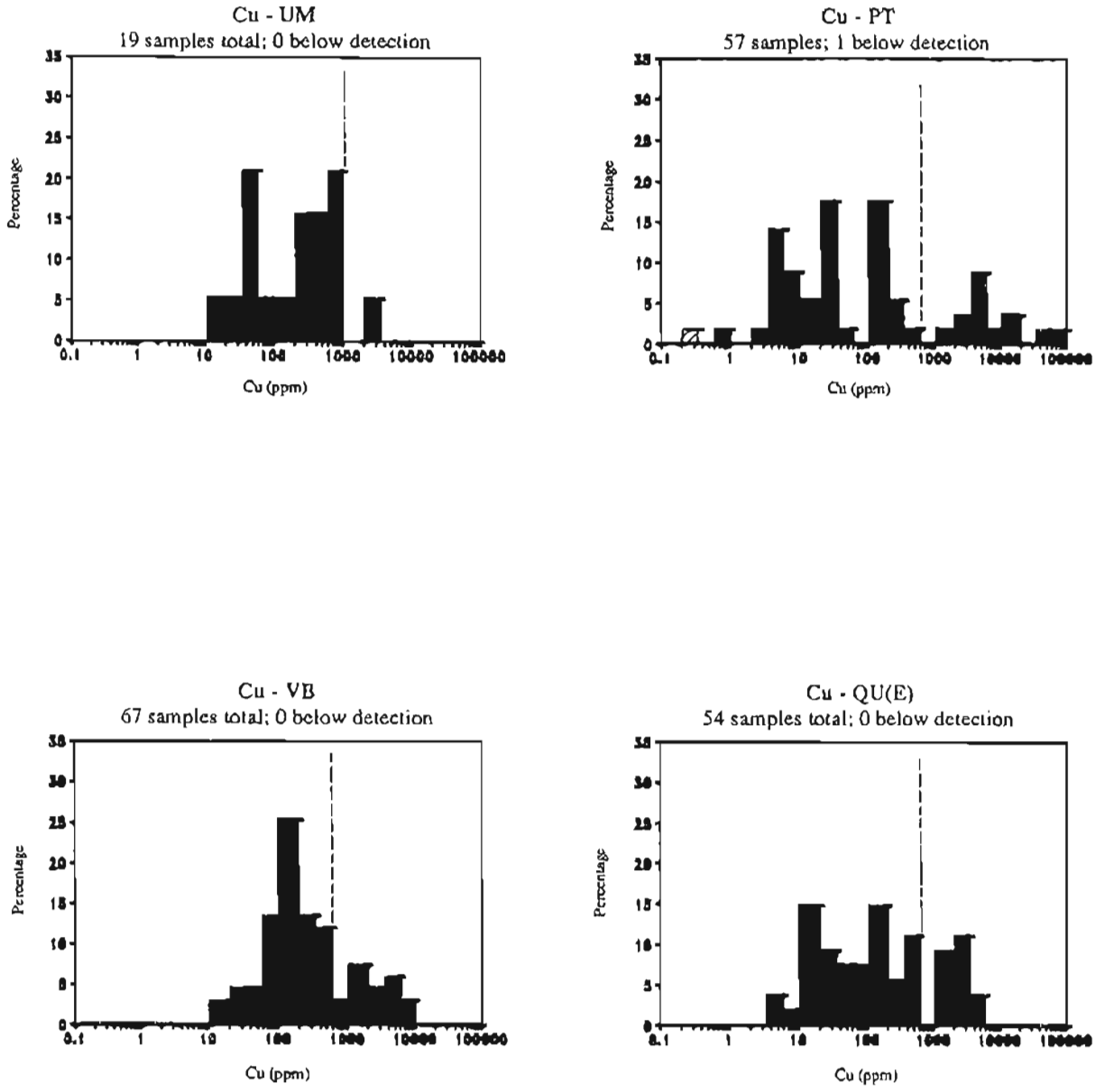


Figure 11. *Histograms of distribution of copper in bedrock samples mainly from (a) Porcupine area and (b) from Haines-Klukwan area. Values to the right of the dashed line are anomalous.*

Figure 12a

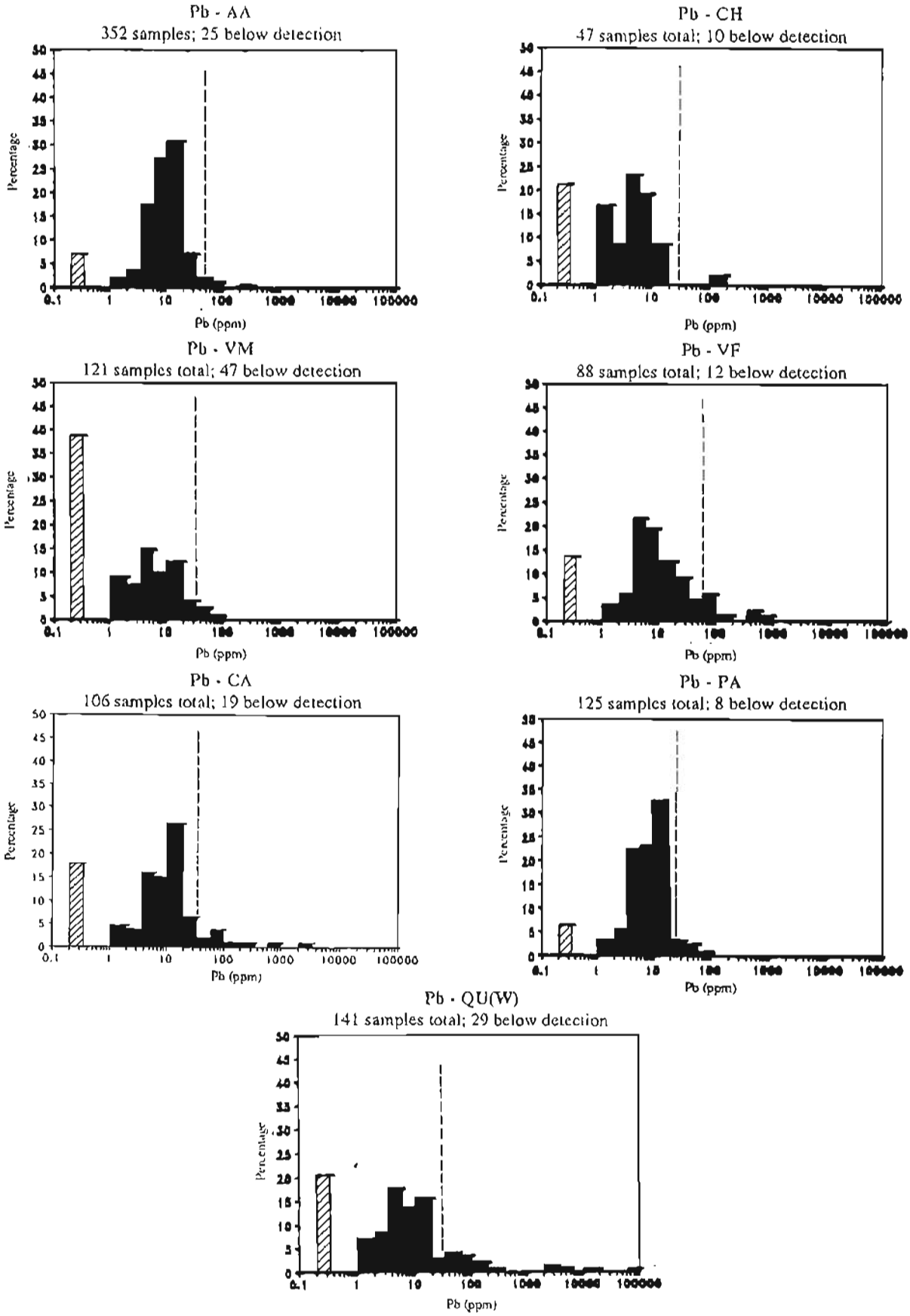

Pb - AA
352 samples; 25 below detection
Pb - CH
47 samples total; 10 below detection
Pb - VM
121 samples total; 47 below detection
Pb - VF
88 samples total; 12 below detection
Pb - CA
106 samples total; 19 below detection
Pb - PA
125 samples total; 8 below detection
Pb - QU(W)
141 samples total; 29 below detection
Percentage
Pb (ppm)

Figure 12b

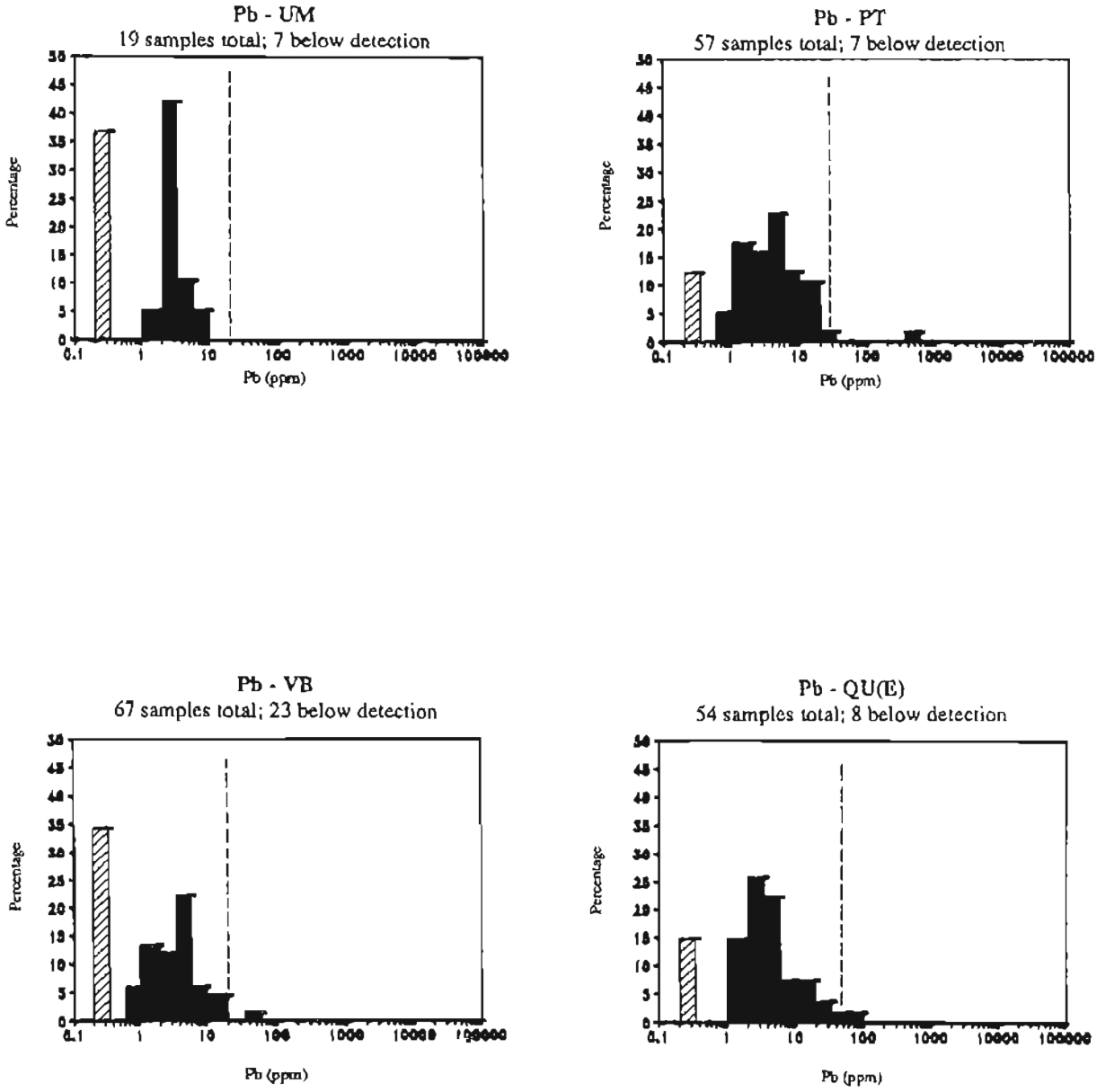


Figure 12. *Histograms of distribution of lead in bedrock samples mainly from (a) Porcupine area and (b) from Haines-Klukwan area. Values to the right of the dashed line are anomalous.*

Figure 13a

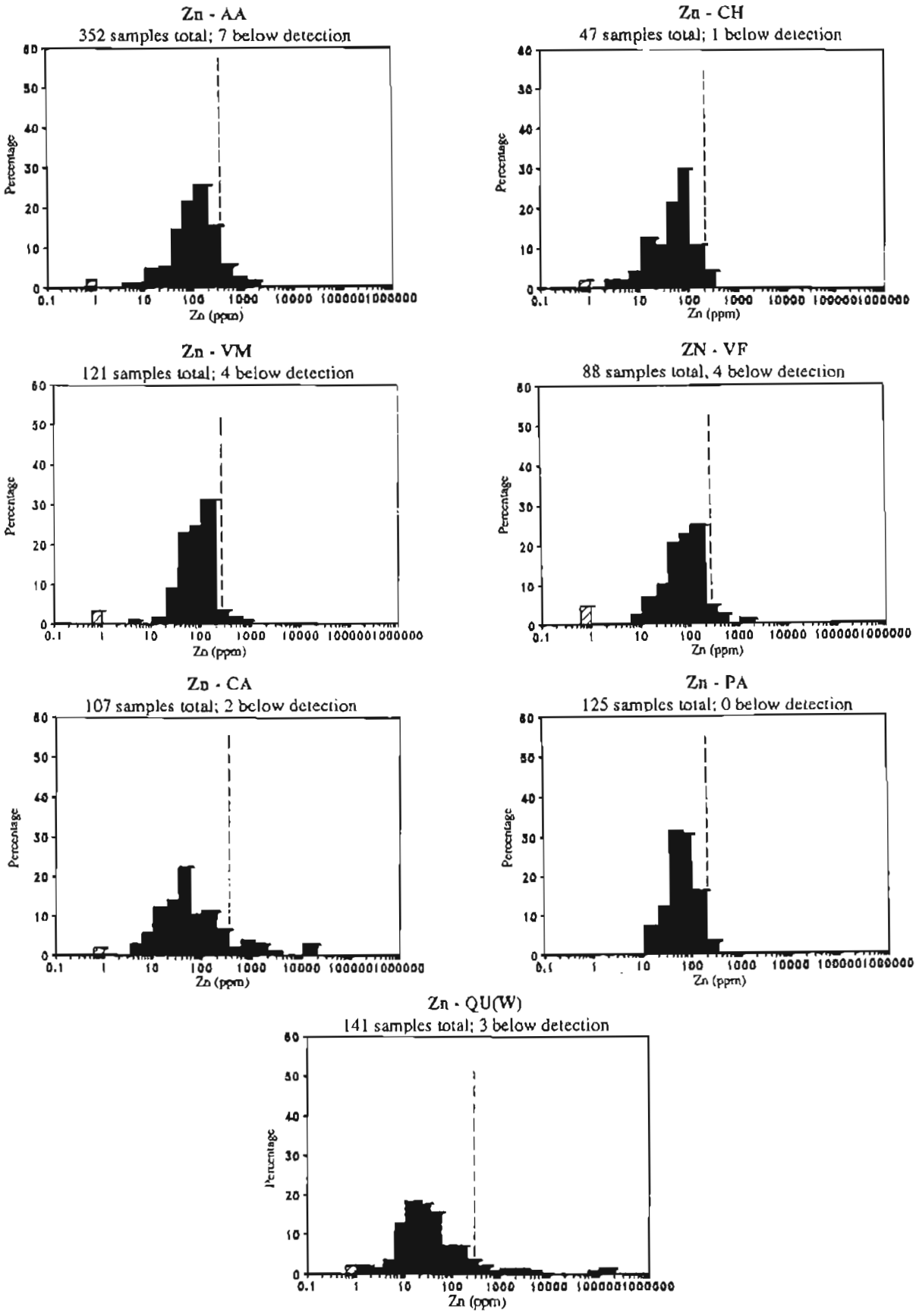

Zn - AA
352 samples total; 7 below detection
Zn - CH
47 samples total; 1 below detection
Zn - VM
121 samples total; 4 below detection
ZN - VF
88 samples total, 4 below detection
Zn - CA
107 samples total; 2 below detection
Zn - PA
125 samples total; 0 below detection
Zn - QU(W)
141 samples total; 3 below detection
Percentage
Zn (ppm)

Figure 13b

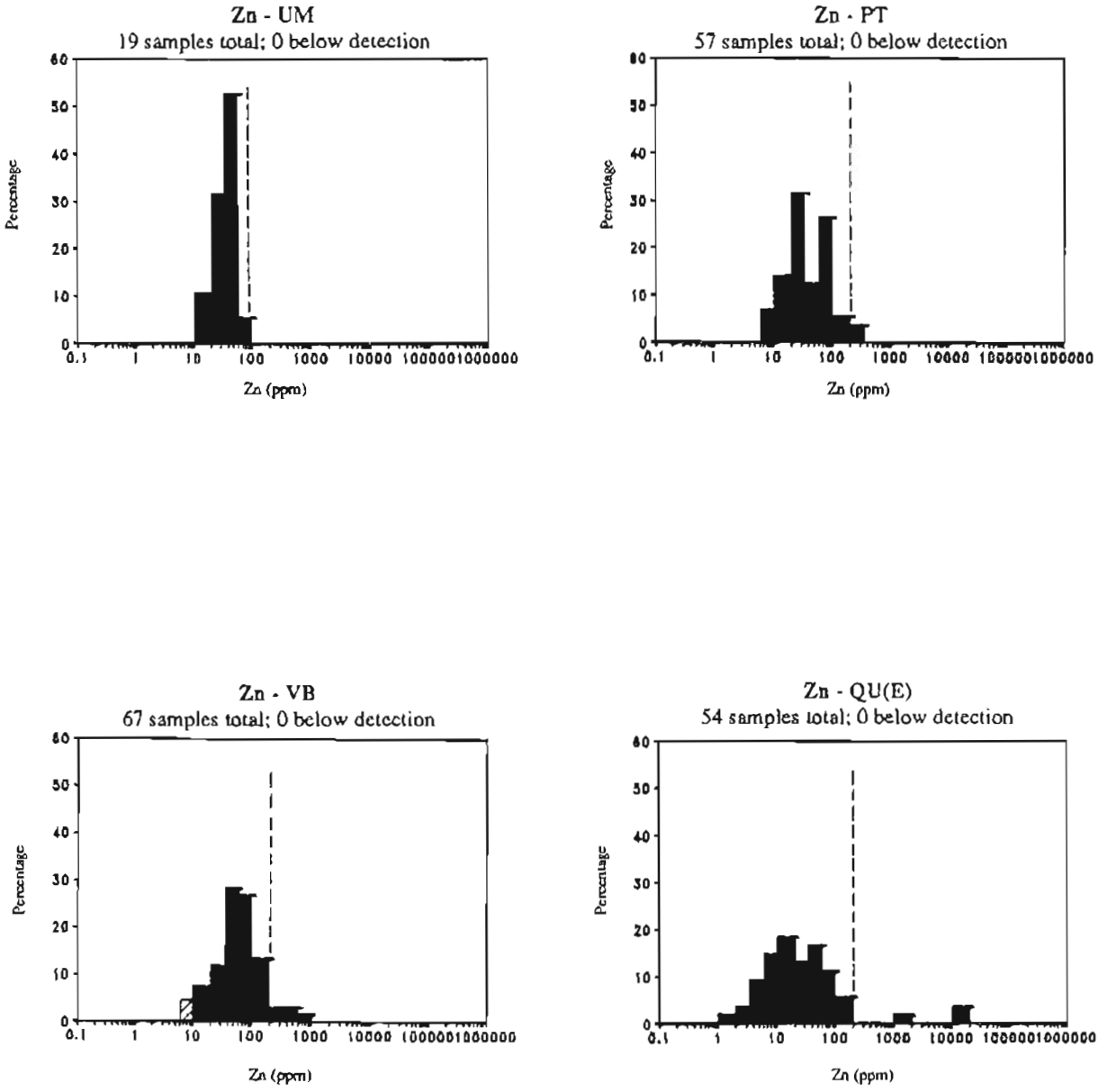


Figure 13. *Histograms of distribution of zinc in bedrock samples mainly from (a) Porcupine area and (b) from Haines-Klukwan area. Values to the right of the dashed line are anomalous.*

Figure 14a

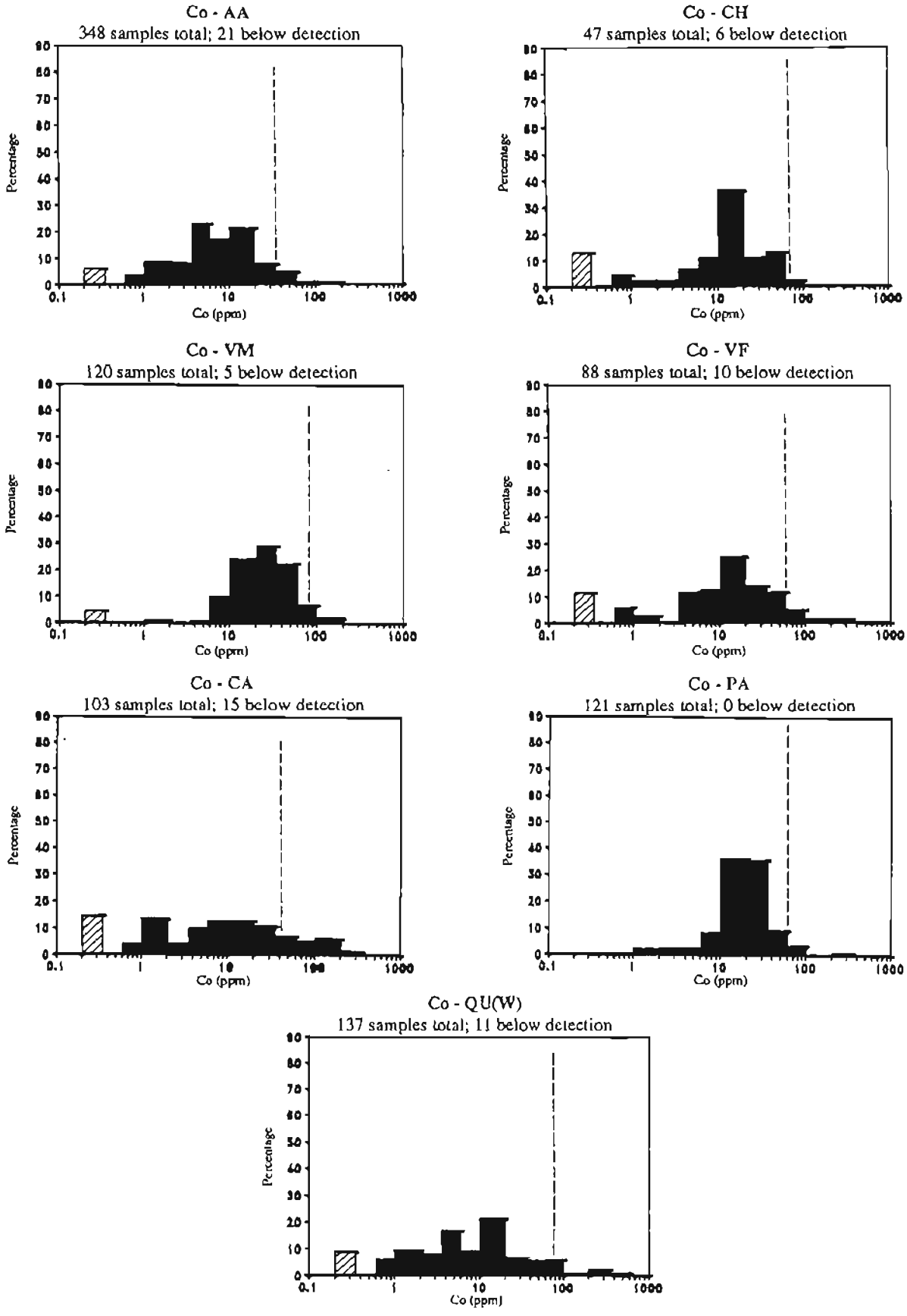

Co - AA
348 samples total; 21 below detection
Co - CH
47 samples total; 6 below detection
Co - VM
120 samples total; 5 below detection
Co - VF
88 samples total; 10 below detection
Co - CA
103 samples total; 15 below detection
Co - PA
121 samples total; 0 below detection
Co - QU(W)
137 samples total; 11 below detection
Percentage
Co (ppm)
0.1
1
10
100
1000

Figure 14b

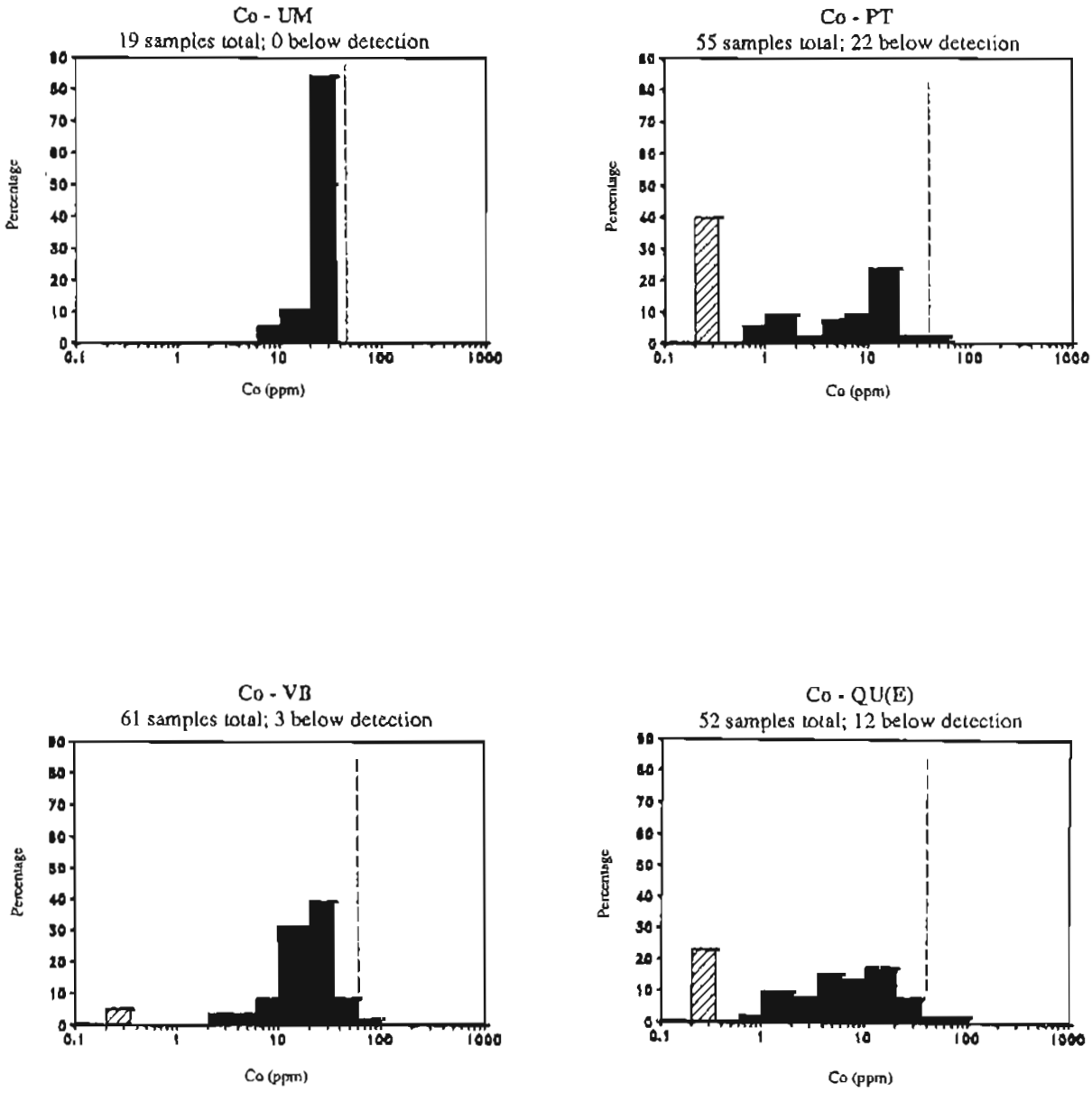


Figure 14. *Histograms of distribution of cobalt in bedrock samples mainly from (a) Porcupine area and (b) from Haines-Klukwan area. Values to the right of the dashed line are anomalous.*

Figure 15a

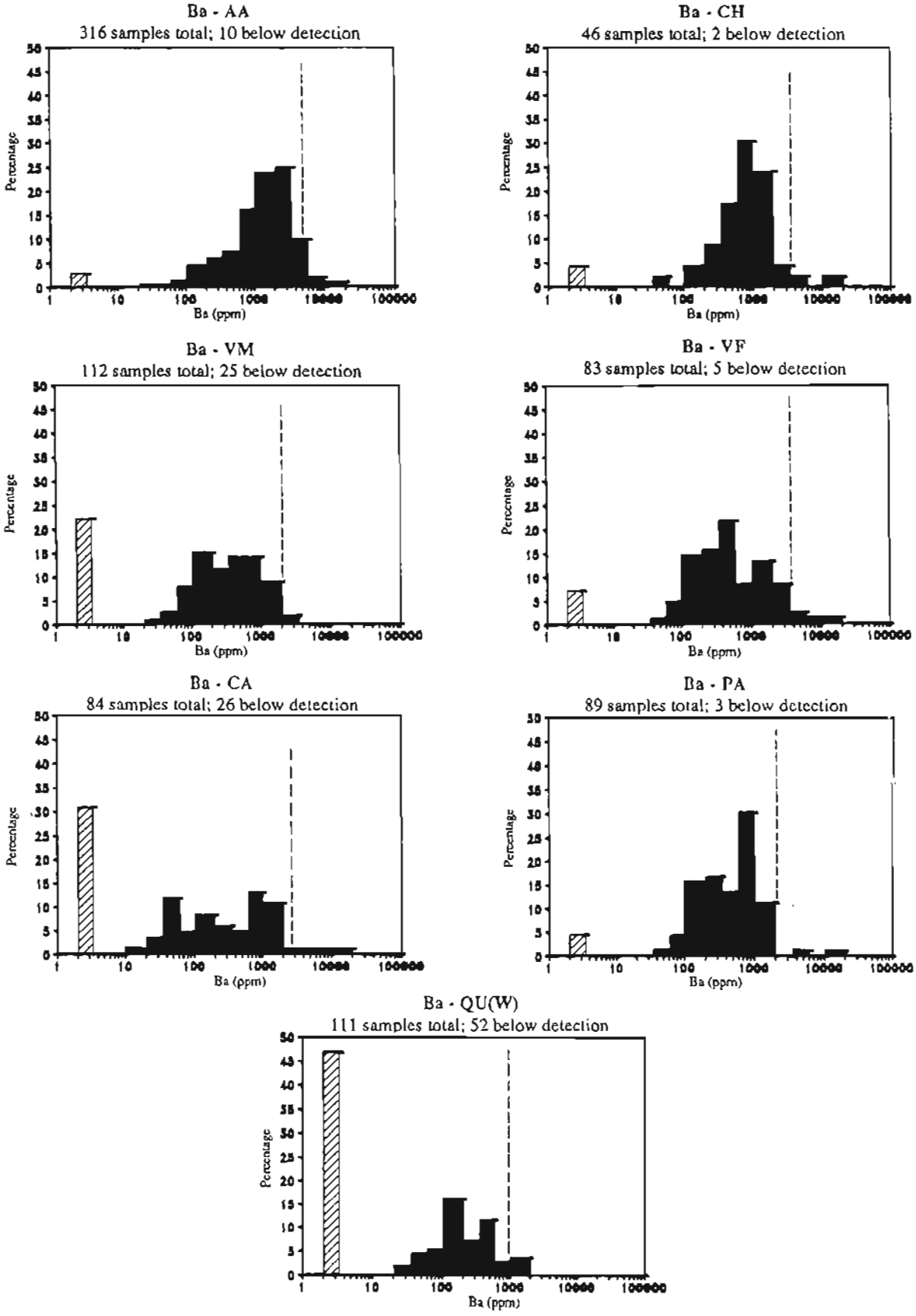

Ba - AA
316 samples total; 10 below detection
Ba - CH
46 samples total; 2 below detection
Ba - VM
112 samples total; 25 below detection
Ba - VF
83 samples total; 5 below detection
Ba - CA
84 samples total; 26 below detection
Ba - PA
89 samples total; 3 below detection
Ba - QU(W)
111 samples total; 52 below detection
Percentage
Ba (ppm)

Figure 15b

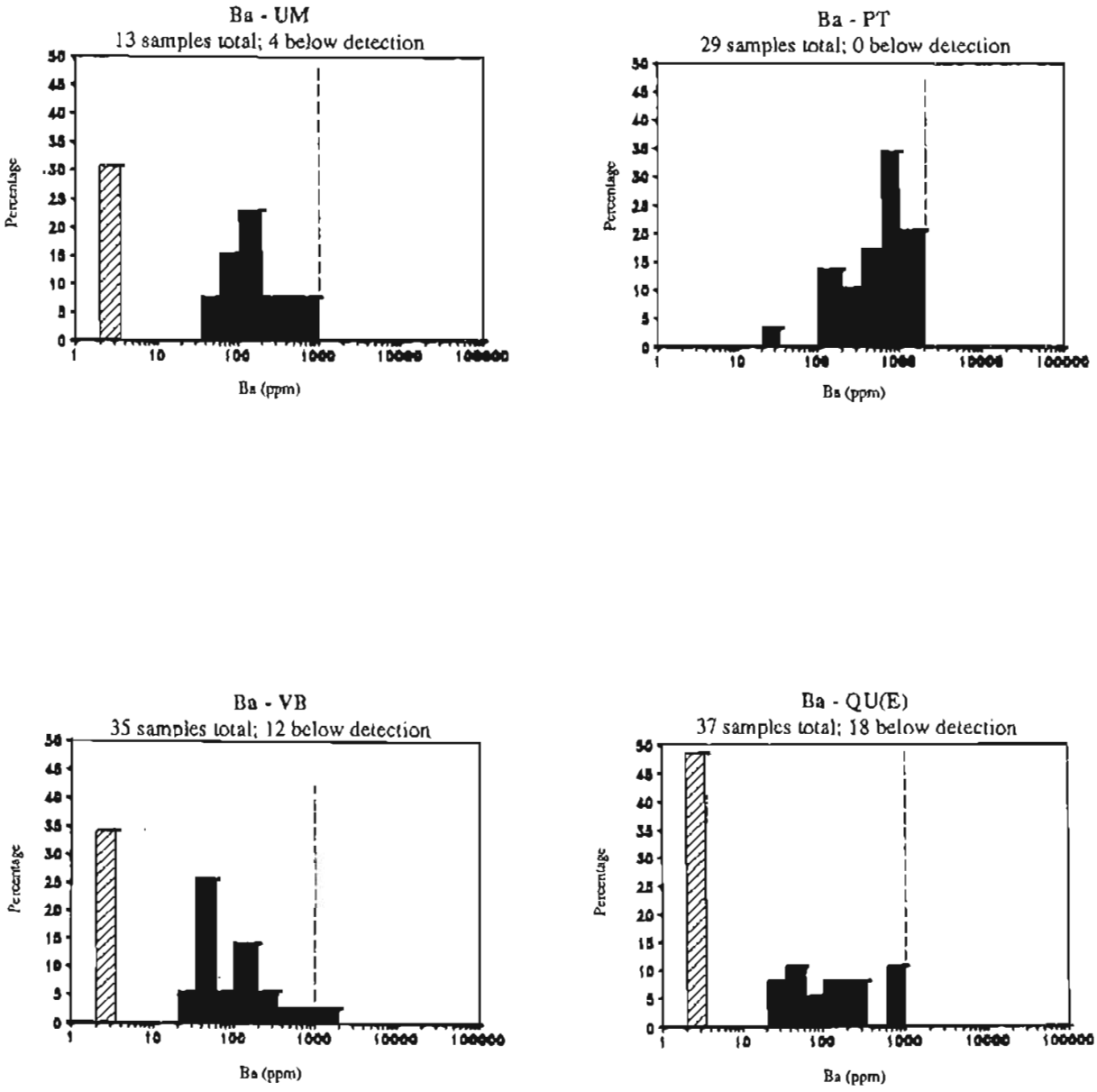


Figure 15. *Histograms of distribution of barium in bedrock samples mainly from (a) Porcupine area and (b) from Haines-Klukwan area. Values to the right of the dashed line are anomalous.*