

KERR ADDISON MINES LIMITED
(FOR INTER-OFFICE USE ONLY)

Windflower

To R. A. Dujardin/File From A. D. Clendenan

Subject Wind 1, Silver Fox GG., LeCroy R.G.C. Date November 9, 1984

Property submission, Pinkut Creek,
Babine Lake Area, 93K 6W

Gerry Ryznar (985-5860) of Wind Flower Mining Ltd., submitted these properties today with a report by Darryl Drummond for our consideration.

Attached is Darryl's summary and location maps.

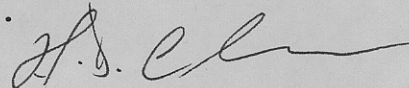
I visited the property briefly about 1978 with Dave Jenkins (still of Placer Development) when we were working on a regional uranium project. I do not recall the property as having any outstanding merit but we were wearing "different glasses".

The Cu, Pb, Zn in quartz veins also carries Ag and minor Au. The veins from old reports of shaft sinking are 15-20 inches thick and a 7 foot drill intersection is reported from the 1920's.

There is the possibility of a mineralized sheeted vein stockwork associated with the contact zone between the Cache Creek andesitic rocks and the siliceous quartz-monzonitic-granodioritic intrusive. It is possible the Pinkut Creek fault (site of the original showing) may have acted as a focus for a mineralized shoot. See Fig. 6.

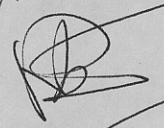
Based on the narrow widths of quartz veining and the high combined Pb+Zn values necessary for reasonable Ag values, this prospect does not appear to be of striking merit. However if I am in the area next year it would be worth a re-visit.

I will return Gerry's report and tell him I may visit the property next year after contacting him.



A. D. Clendenan

Agree



See Windflower SME. July 19 1985

Kerr Addition Copy
Nov 9 / 84

D.D.H. GEOMANAGEMENT LTD.

REPORT

ON THE

WIND 1, SILVER FOX AND LE CROY

MINERAL CLAIMS

PINKUT CREEK

BABINE LAKE AREA

OMINECA MINING DIVISION

BRITISH COLUMBIA

LATITUDE $54^{\circ} 24.4'$ N. - LONGITUDE $125^{\circ} 25.4'$ W.

(NTS 93 - K - 6W)

FOR

WINDFLOWER MINING LTD.

4405 GLENCANYON DR.

NORTH VANCOUVER, B.C.

BY

A.D. DRUMMOND, Ph.D., P.ENG.

GEOLOGICAL ENGINEER

1 June 1984

SUMMARY

The Pinkut Creek property of Windflower Mining Ltd. is located 40 road kilometres north of Burns Lake, B.C. near the southern end of Babine Lake. The property consists of the staked Wind 1 mineral claim (12 units), the optioned Silver Fox (L. 4097) Crown Granted mineral claim and the Le Croy reverted Crown Granted mineral claim. Historically (1919 to 1928) the area was explored for its silver-bearing base metal (Cu, Pb, Zn) quartz veins.

Re-examination of the property during the intervening years to the present has indicated that the silver-gold bearing copper-lead-zinc quartz veins are actually part of a shattered and faulted contact zone between Cache Creek volcanic rocks and a siliceous hydrothermally altered sulphide-bearing quartz monzonitic intrusive. It is within this uncompletely defined volcanic-intrusive contact zone that the mineralized quartz veins occur as a north-easterly to easterly striking, steep to gentle north dipping group of sub-parallel mineralized veins.

Under current metal prices, the precious metal content of the formerly explored veins and their undefined extension is warranted. For example, in the former shaft area two separated seven foot intersections were reported from a drill hole (Day (1928)) which assayed (216 to 223 ft.) 0.03 oz/t Au, 12.6 oz/t Ag, 7.8% Pb and 2.4% Zn and (303 to 310 ft.) 0.03 oz/t Au, 77.2 oz/t Ag, 1.9% Cu and 5.1% Zn. At the 120 foot mark in the shaft, a 18 to 20 inch width gave 0.36 oz/t Au, 67.8 oz/t Ag, 1.2% Cu, 17.5% Pb and 13.8% Zn. The highest values reported were at 140 feet in the shaft with 0.16 oz/t Au, 257.2 oz/t Ag, coupled with 24.1% combined Pb - Zn.

An evaluation program has been recommended to define and test the economic potential of the mineralized veins within the shattered and faulted volcanic-intrusive contact zone. The estimated cost of the proposed work program is \$140,000.00 which is composed of two phases, i.e. \$ 56,000.00 (Phase I) and \$84 ,000.00 (Phase II) respectively.

INTRODUCTION

The firm of D.D.H. Geomanagement Ltd. was commissioned on 25 May, 1983 by the Directors of Windflower Mining Ltd., 4405 Glencanyon Drive, North Vancouver, British Columbia, V7N 4B4, to appraise the exploration potential and to recommend an evaluation program for the Wind Mineral Claim, near Babine Lake, Omineca Mining Division, British Columbia. This assignment was accomplished by examining the property on 8 June, 1983, and by compiling past work, published and unpublished, government and private, on the subject area. This report outlines the exploration potential of the property and a work program to test that potential.

LOCATION AND ACCESS

The Wind 1, Silver Fox, and Le Croy mineral claims of Windflower Mining Ltd. are located in central British Columbia about 40 kilometres (25 miles) north of Burns Lake, B.C. (see Location Map, Figure 1). Coordinates are latitude $54^{\circ} 24.4'$ N. and longitude $125^{\circ} 25.4'$ W.

Vehicle access is via gravel road from Decker Lake immediately to the west of Burns Lake, which road gives access to the Babine Lake and the Pinkut Creek Spawning Channel (Figure 2). Burns Lake is 229 kilometres (142 miles) west of Prince George, B.C., along Highway 16

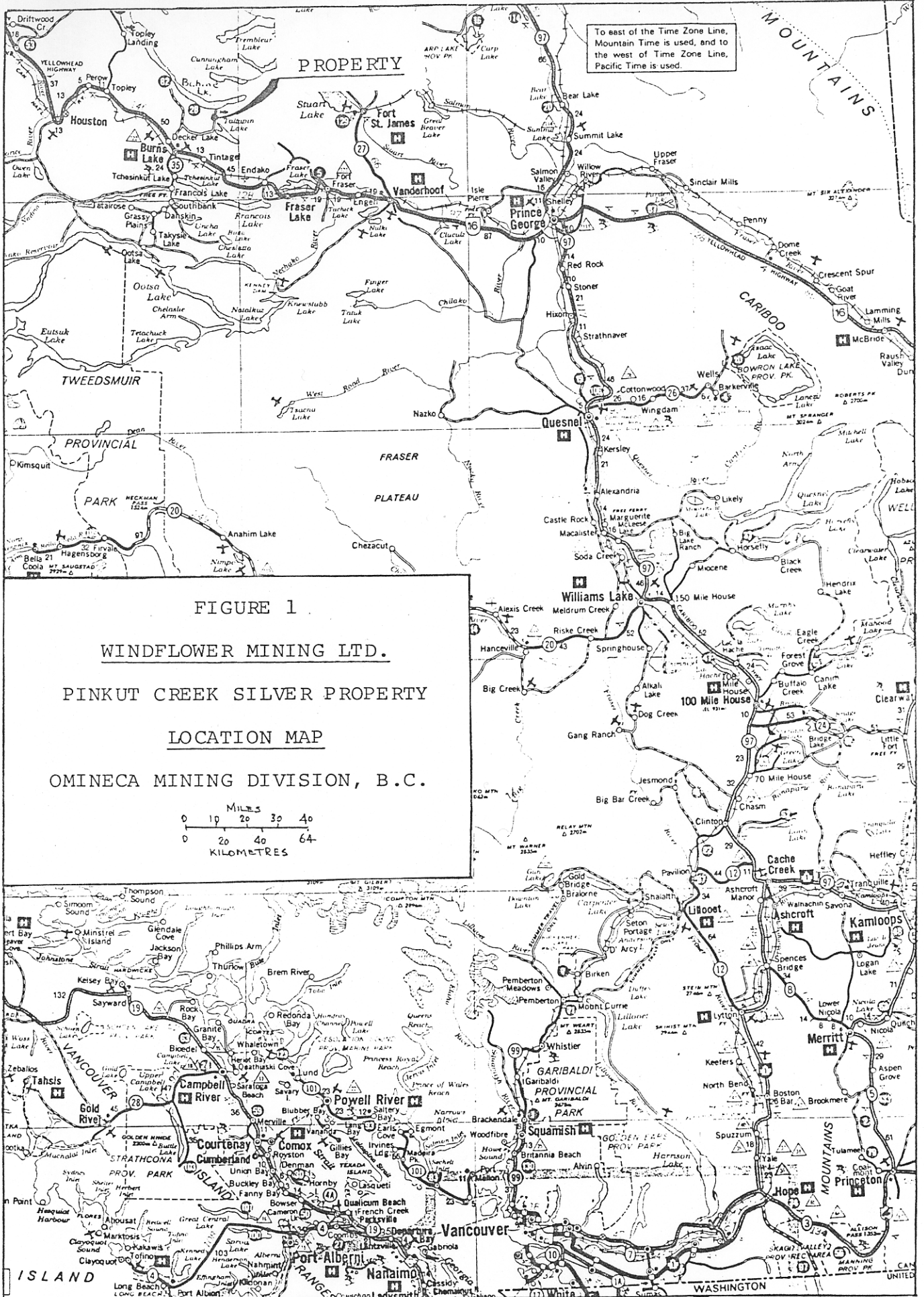


FIGURE 1
WINDFLOWER MINING LTD.
 PINKUT CREEK SILVER PROPERTY
LOCATION MAP
 OMINECA MINING DIVISION, B.C.

MILES
 0 10 20 30 40
 KILOMETRES
 0 20 40 64

To east of the Time Zone Line,
 Mountain Time is used, and to
 the west of Time Zone Line,
 Pacific Time is used.

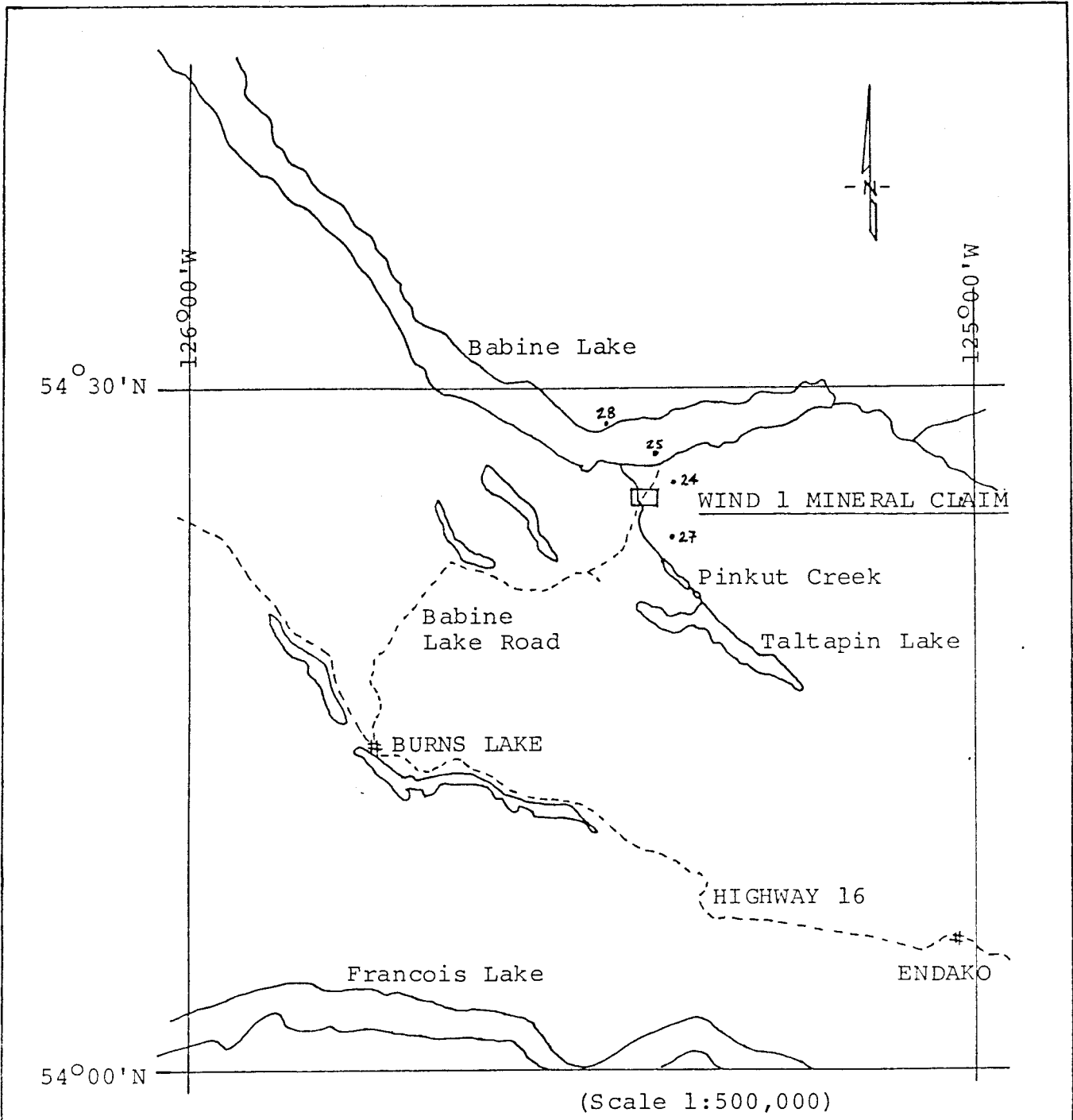


FIGURE 2

WINDFLOWER MINING LTD.

WIND 1 MINERAL CLAIM LOCATION MAP

BABINE LAKE AREA,

BRITISH COLUMBIA

(To accompany a report by A. D. Drummond, P.Eng.)

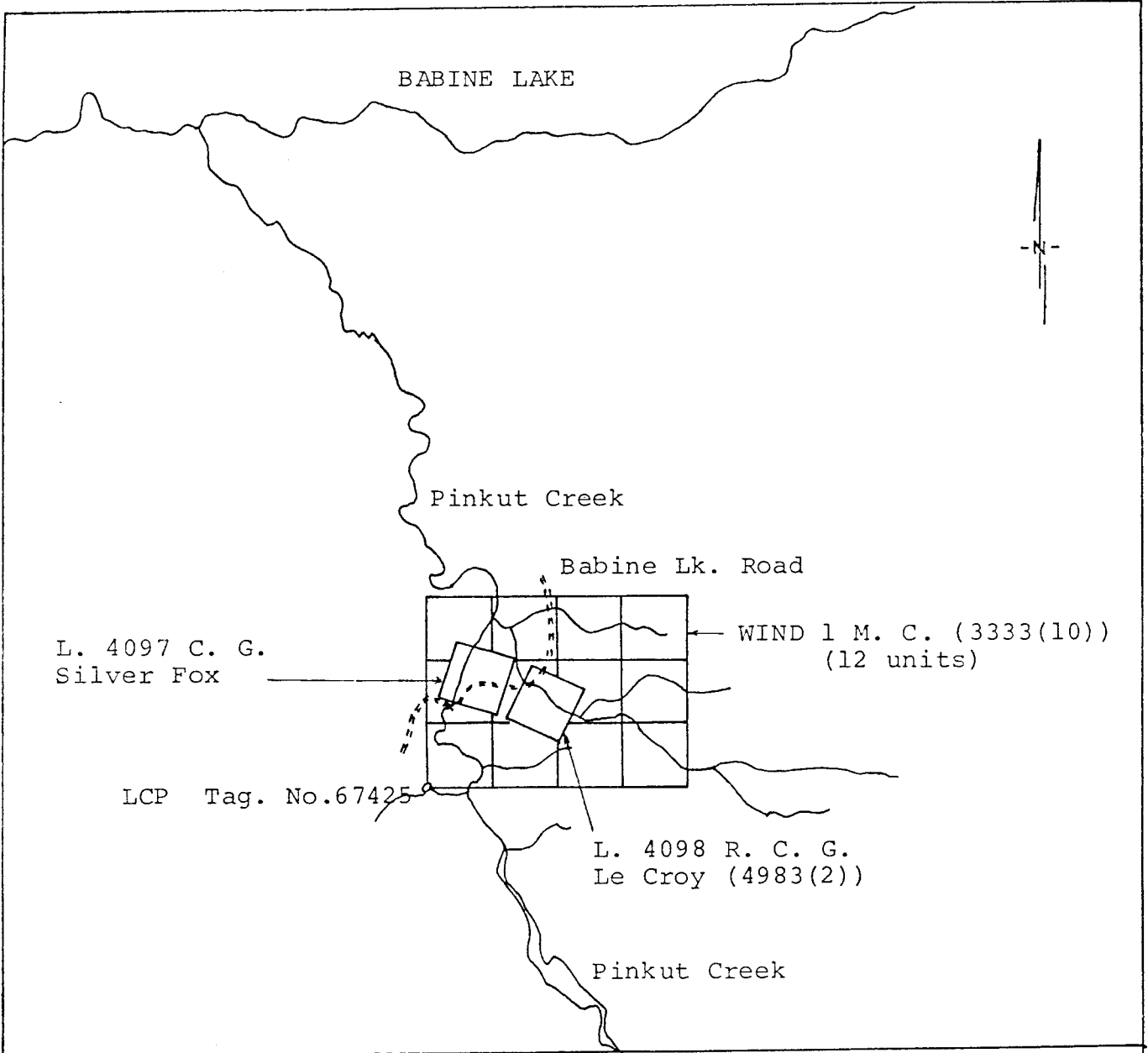


FIGURE 3

WINDFLOWER MINING LTD.

CLAIM MAP

OMINECA MINING DIVISION, B.C.

June 1983

(To accompany a report by A.D. Drummond, P.Eng.)

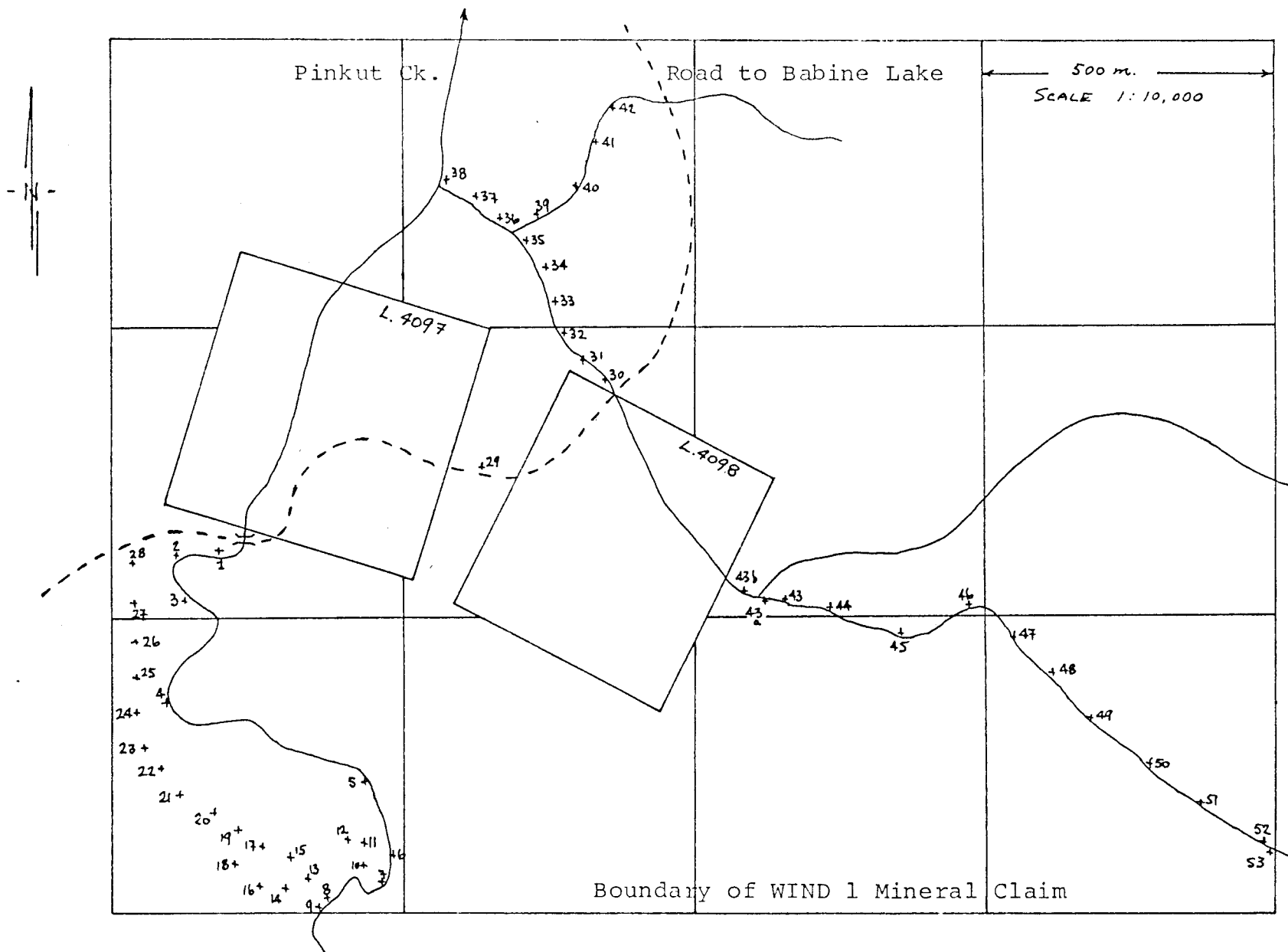


FIGURE 4
WINDFLOWER MINING LTD.

GEOCHEMICAL SAMPLE SITE LOCATIONS
(After G. Ryznar, P.Eng. (1982))

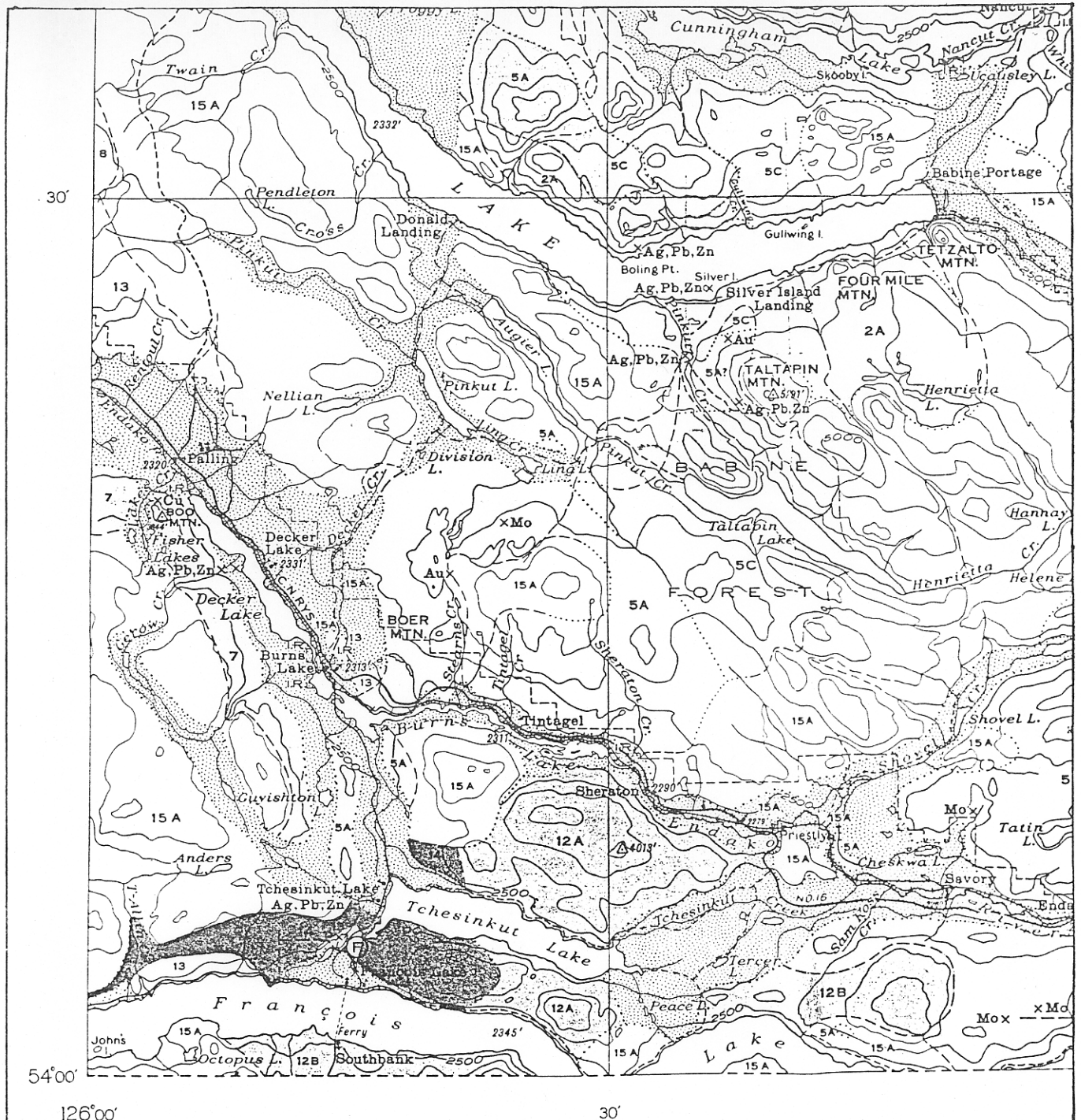


FIGURE 5

REGIONAL GEOLOGY

SOUTHERN BABINE LAKE AREA

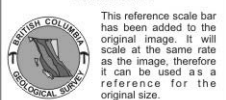
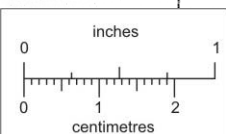
Geology after Armstrong, MAP 907A

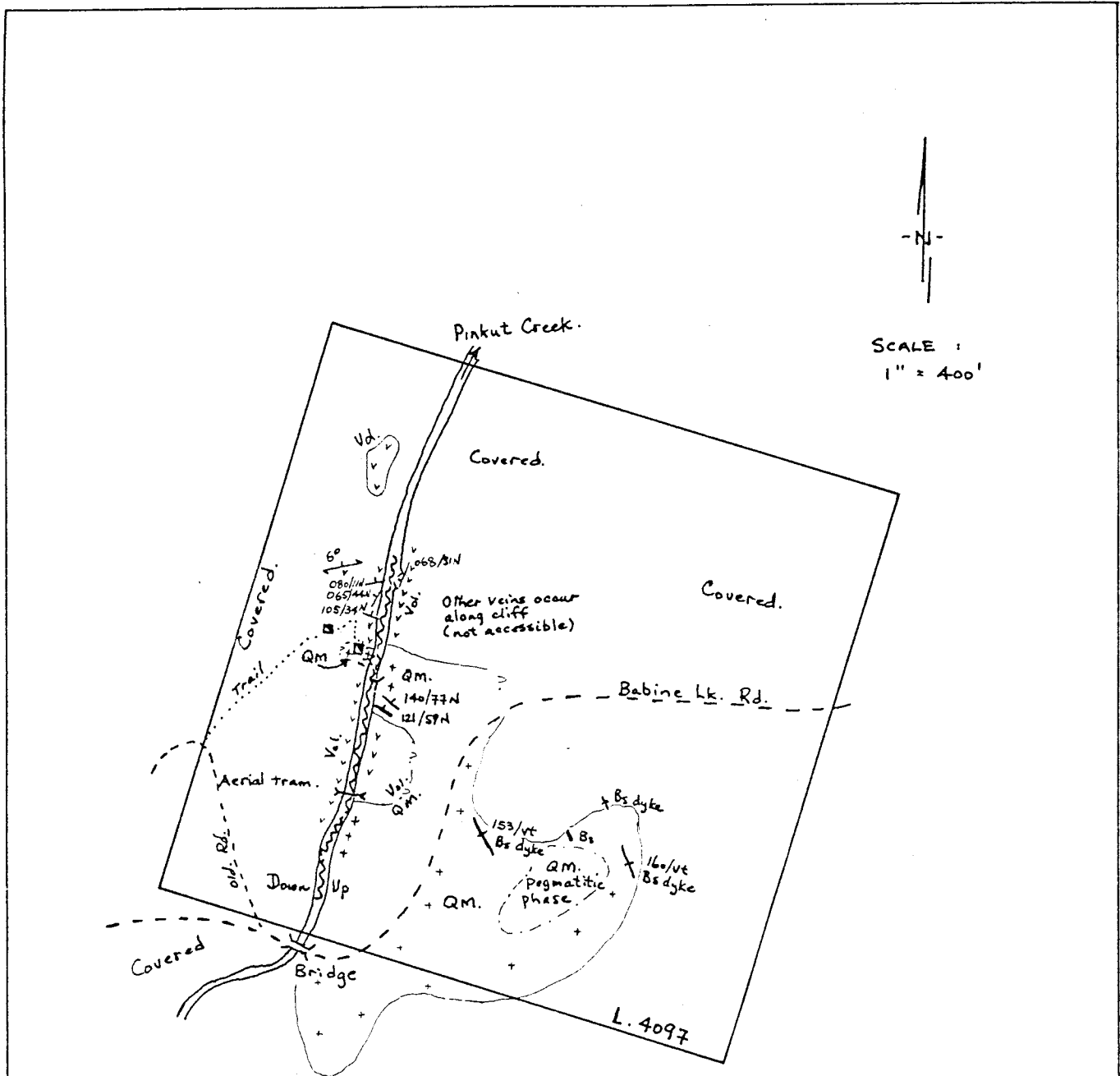
Fort St. James, B.C.

Scale 1 inch = 6 miles

(See text for legend)

(To accompany a report by A.D. Drummond, P.Eng.)





LEGEND.

- | | | | | | |
|--|-------------------------|--|---------------------------|--|--------------|
| | Attitude of quartz vein | | Q.M. Quartz Monzonite | | Adit |
| | Attitude of foliation | | v. vol. Volcanic Rocks | | Shaft |
| | Attitude of basalt dyke | | Limit of outcrop | | Aerial tram. |
| | Fault | | Limit of pegmatitic phase | | Bridge |

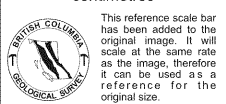
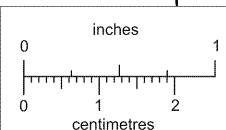
FIGURE 6

WINDFLOWER MINING LTD.

PROPERTY GEOLOGY

SILVER FOX CROWN GRANTED MINERAL CLAIM

(To accompany a report by A.D. Drummond, P.Eng.)



Bondar-Clegg & Company Ltd.
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Geo
 La

APPENDIX C

REPORT: 122-2780 PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Mo PPM	As PPM	NOTES	SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Mo PPM	As PPM
S 01		20		0.2		S 41		135	3	0.4
S 02		25		0.2		S 42		101	6	0.6
S 03		24		0.2		S 43		43	3	0.2
S 04		22		0.2		S 43A		58	3	0.2
S 05		13		0.2		S 43B		40	3	0.2
S 06		26		0.2		S 44		41	2	0.2
S 07		13		0.2		S 45		43	3	0.2
S 08		36		0.2		S 46		48	3	0.3
S 09		58		0.2		S 47		49	3	0.3
S 10		640		3.2		S 48		44	4	0.2
S 11		270		4.2		S 49		33	3	0.2
S 12		1020		14.0		S 50		32	2	0.2
S 13		24		0.2		S 51		40	3	0.2
S 14		7		0.2		S 53		32	3	0.2
S 15		7		0.2						
S 16		12		0.2						
S 17		9		0.2						
S 18		8		0.2						
S 19		6		0.2						
S 20		5		0.2						
S 21		8		0.2						
S 22		7		0.2						
S 23		8		0.2						
S 24		14		0.2						
S 25		25		0.2						
S 26		12		0.2						
S 27		12		0.2						
S 28		14		0.2						
S 29		361		0.5						
S 30		19	2	0.2						
S 31		60	3	0.3						
S 32		44	3	0.2						
S 33		68	3	0.4						
S 34		52	2	0.2						
S 35		48	2	0.2						
S 36		44	1	0.3						
S 37		44	1	0.2						
S 38		42	2	0.2						
S 39		163	3	0.8						
S 40		174	2	0.8						

GENERAL GEOLOGY

Within the vicinity altered (Cache Creek) andesite rocks are intruded by grey (Topley) granodiorite. Numerous light grey rhyolite dykes cut both greenstones and granodiorite.

Two distinct sets of quartz veins occur within the andesitic rocks. The easterly striking group is essentially barren, whereas those striking northeasterly, and generally dipping to the northwest, are mineralized. Individual veins vary in width from a few inches to 4 feet; fillings consist of galena, sphalerite, chalcopyrite, minor pyrite and tetrahedrite in a sparsely micaceous quartz gangue.

"The principal (Pinkut Creek) showings occur within Lot 4097, where the N.E.-striking veins occur on both sides, and within a 100 foot distance of a tongue of granodiorite 200 feet or more wide. East and south of the claim, less favourable showings occur in roof pendants of andesitic greenstone, more than 200 feet in diameter, in the granodiorite." (ref. G.S.C. Mem. 252, p. 175). Mr. Bates notes that mineralized veins, varying in width from 6 inches to 30 feet, occur (scattered) up to 3 miles north of the (Pinkut Cr.) canyon and for about one mile south.

PINKUT CREEK SHOWINGS

The workings reportedly consist of 200 feet of horizontal tunnels and 200 feet of shaft from the surface. No maps of these workings, which might provide details of the vein geology and mineralization, are known to the writer.

The principal (high-grade) vein outcrops in the bed and walls of Pinkut Creek canyon. It varies in width from 6 inches to 2 feet, strikes about N30°E, and dips 60 degrees to the northwest. According to Lay (M.M. B.C., 1926) a sample from this vein assayed: gold, trace; silver, 3.6 ounces per ton; lead, 3 per cent; zinc, 27 per cent; copper, 1 per cent. Three parallel sparsely mineralized quartz veins occur 200 feet farther down the creek. They vary in width from 1-4 feet, and are from 10-20 feet apart. Two prospecting adits have been driven on these veins.

Lay reports that a —35' diamond drill hole intersected 7 feet of ore at 216 feet which assayed: gold, 0.03 oz/ton; silver, 12.6 oz/ton; lead 7 to 8%; zinc, 2.4%. Also, at 303 feet the drill went through high grade ore, appearing on Pinkut Creek, which assayed: gold, 0.03 oz/ton; silver 77.2 oz/ton; copper, 1.9%; zinc 5.1%.

HISTORY

The original exploration-development group formed the Taltapin Mining Company on the Crown-granted Silver Fox claim and six adjoining claims. Development commenced this same year and continued intermittently over the next 10 years, and consisted of two tunnels, a shaft, and numerous surface trenches. In addition 12 miles of road and a mine plant adequate for the above work were constructed. Plans for a mill to concentrate the by-product of selected mining operations were considered.

During 1920 a three ton lot of high grade ore was shipped to the Trail smelter—no assays were given. By 1927 underground work comprised of 68 feet of crosscut, driven from Pinkut Creek, to intersect the depth extension of the "high-grade" vein exposed on the surface above the canyon; this tunnel was still short of its objective. The shaft on the high grade vein had evidently been sunk during the 1920-26 period, thereby establishing the persistence of mineralization to this depth.

During 1928 the shaft was rehabilitated and deepened and the Company reported that "good ore had been struck in the continuation of the shaft." However, an excessive flow of water, together with an inadequate sinking plant culminated in cessation of work in the fall of this year. There is no record of subsequent work by the Taltapin Mining Company.

Mr. R. H. Bates, Terrace, B.C., acquired the key claims of the above group prior to 1964 and has recently expanded the group to its present size. Mr. Bates' investigations to date have consisted of staking, general prospecting, and some check sampling; a recent sample from the Silver Fox shaft dump assayed: gold, 0.04 oz/ton; silver, 15.4 oz/ton; copper, 0.94%; Mo, 0.005%. No assays of the usual Pb-Zn content of the ore were reported.

The above dump ore has an indicated gross value of approximately \$30.00 per ton. Given adequate reserves of this grade, it should be possible to mine and mill at a fair profit.

Respectfully submitted,
W. M. SHARP, P.Eng.

REFERENCES

- G.S.C. Memoir 205, Mineral Resources of Terrace Map Area, E. D. Kindle, 1937.
- G.S.C. Memoir 329, Geology of Terrace Map Area, S. Duffell and J. G. Souther, 1964.
- Annual Reports, Minister of Mines of British Columbia; 1919, 1920, 1925, 1927, 1928, 1937, 1938, 1940, 1946.
- R. H. Bates, Terrace, B.C.: Sketch maps, progress maps, descriptive notes, excerpts from Dominion and Provincial Govt. publications, sample reports, and general correspondence pertaining to Kleanza Mt. and Taltapin properties of Kleanza Mines Ltd., (N.P.L.).