

'81-# 204-# 9090

SKYLINE EXPLORATIONS

PROSPECTING,
TRENCHING AND GEOLOGICAL REPORT

REG 1-6 CLAIMS

LIARD MINING DIVISION, B.C.

CLAIM-SHEET 104-B-11 E/2

56°38'N, 131°05'W

OPERATOR: SKYLINE EXPLORATIONS LTD.

REPORT BY

P.H. SEVENSMA, P.ENG., PH.D.

MARCH 27, 1981

9090

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I. INTRODUCTION

Discovery of high-grade float in the early 1900's in Bronson Creek and on Bronson Glacier has at various times led to active exploration in this area, generally known as the Johnny Mountain area.

As a result of the early activity in the area, 13 Crown-grant claims have been in existence for many years on the southwest side of Bronson Creek, and many showings have been noted outside these claims since the early 1950's.

Skyline Explorations Ltd. has held for a number of years the Inel Group on the east side of Bronson Creek.

A recent review of the geological data available to the Company on the area suggested eminently favourable conditions for the occurrence of economic deposits not only east of Bronson Creek, but as well to the west and southwest of this Creek and this ground was acquired by staking on March 23, 1980.

A review of previously filed geological data indicated that a general geological examination was required combined with intensive examination and trenching of one known and many indicated showings.

II. RECENT HISTORY

1954. Discovery of one substantial copper-silver-gold showing; the Pick-axe showing, by Hudson's Bay Mining & Smelting, as well as high-grade gold-silver-lead-zinc float.
1961. Drilling of five core holes with a BBS-1 machine by Hudson's Bay M. & S. for a total footage of 810'. This work was unsuccessful and not recorded. The claims (Sell Group) were allowed to lapse.
1964. Ground restaked by Cominco in conjunction with a search for porphyry-copper deposits about two miles north of the Pick-axe, near the mouth of Bronson Creek. Some claims maintained until 1973 (Cat Group) and geological mapping carried out in the general Pick-axe area.
1973. Pick-axe area restaked by a subsidiary of Texas Gulf Inc. as the Quinella; claims mapped geologically, but property allowed to lapse in 1977.

1980. February, ground staked by Skyline Explorations Ltd.

July 15 - July 24. Geological examination, prospecting, and hand-trenching of the Pick-axe and three new showings. Discovery of good-looking float. Return to town for assaying.

August 15 - September 6. Further geological examinations, prospecting and trenching with a Pionjar drill. Discovery and trenching of two additional major showings, one area of many small showings, and an area of exceptional high-grade float.

The property now consists of the following claims:

	<u>Record No.</u>	<u>Tag No.</u>	<u>Units</u>
Reg 1	1247(4)	60215	20
2	1248(4)	60216	20
3	1249(4)	60217	20
4	1250(4)	60218	20
5	1251(4)	60219	16
6	1252(4)	60220	16
Total			112 units

III. GEOLOGY

The Hudson's Bay M. & S. drill-logs identifies the wall rocks as quartz feldspar porphyry and monzonite (1961).

Subsequent mapping has labeled the rocks in the vicinity of the showings as either greywacke, lapilli tuff or volcanics and some dykes as feldspar porphyry, felsite or rhyolite.

The area of interest, measuring at least 1200 m. by 1000 m., is covered by relatively thin (1 to perhaps 8 m.) moraine, sometimes very coarse i.e., blocks of over 1 m. Over part of the area, the moraine is grass-covered, elsewhere there is no vegetation. Outcrop averages about 2 - 4%, but there are areas where the moraine has barely been transported and represents the underlying formations.

There is one thick lateral moraine ridge on the southwest side of Johnny Glacier Creek; this ridge appears to be up to 25 m. thick (see figure 4).

Johnny Glacier is in rapid retreat, at least from 15 - 30 m. per year during the last 30 years, and glaciers in the area are estimated to lose at least 3 - 6 m. in thickness each year.

The area of interest slopes relatively gently at about 10° , with occasional flat areas suitable for helicopter landing.

A thorough examination of many outcrops indicates the following succession from top to bottom:

- (a) Agglomerate, coarse. On rock ridges, thickness unknown.
- (b) Welded tuffs, probably flow tuffs, with weak bedding cleavage and often bands with feldspar, but very little quartz. Maybe 100 - 200 m. thick, possibly variable thickness.

(c) Dark grey argillites. Unknown thickness. Exposed at south edge of the welded tuffs.

This assemblage is comparable to the one carrying high-grade pyrite-sphalerite-gold-silver bands in bedding cleavage of welded tuffs, with occasional galena, on the Inel Group, a few miles to the southeast, where it strikes north-south with a 35° east dip.

In the area of interest on the Reg, this assemblage strikes about east-west with a $40^{\circ} \pm 20^{\circ}$ dip north. There appears to be some gentle open folds, and gradual flattening to the north.

As the beds are more intensely altered on the Inel, it will take some time to determine whether it is the stratigraphic equivalent of the Reg assemblage.

From both personal observation and literature studies, welded tuffs are often initially described as feldspar porphyries or as greywackes in a number of mining districts.

In some cases, rhyolites have initially been confused with granitoid intrusives. On the Reg, the name "felsite" has been maintained mainly because they are similar to big outcrops elsewhere in the area defined as felsites by the Geological Survey. As they are highly siliceous, they are in fact most likely true rhyolite dykes. There is no evidence that they are flows.

These felsites appear to have a direct relationship to the mineralization as four of the major showings are in direct contact with felsites.

Welded tuffs are known to be host rock to important massive sulphide deposits elsewhere, and in many cases, the latter are directly associated with rhyolite flows, masses or dykes.

The geological examination thus indicates that the showings opened up on the Reg occur in a geological environment that is one of the most favourable for the occurrence of economic massive sulfide deposits of considerable size.

The age of these formations is believed to be Upper Triassic. (GSC, map 1418A, Iskut River, 1979).

IV. MINERALIZATION

The mineralization consists of massive siliceous pyrite with varying amounts of chalcopyrite, and significant values in silver and gold, and, in some of the float, sphalerite and occasional galena.

Values of 5 to 6 oz/t gold have been obtained by Hudson's Bay M. & S. prospectors in 1954 in high grade sphalerite and in high grade galena, and have been found by Skyline in good grade copper.

This material is highly siliceous, the proportion of sulphide ranging mostly between 50 and 90%. There is frequently vague banding, more pronounced when sphalerite is present. Sulphide grain size varies mostly from about 0.1 mm. to about 2 mm.

One zone is highly chloritic, with very little quartz and averaging around 40% sulphides (showing P-12).

The type of sulphide is typical volcanogenic and very similar to ores from the Noranda and Flin-Flon areas.

Fig. 4 shows all locations of occurrences found by prospecting and those that have been trenched. Surveys were by tape and compass and an 1100 m. long base-line was surveyed across the area of main interest.

The P-13 structure can be followed by near-outcrop, float and a felsite dyke for an indicated length in excess of 700 m., from R-32 to R-22 via P-14, all float of particular good grade.

The felsite dyke at P-1 has a clear $N40^{\circ}W$ strike, 75° southwest dip and is traceable for about 100 m.

The only aberrant strike is R-19, a 2.7 m. wide pyrite vein with gold trending $N10^{\circ}W$, dip 80° east, traced for about 12 m. On strike, about 240 m. to the south, high grade float occurs in R-25.

Four showings lie on the southwest side of felsite dykes: P-10, P-12, Pick-axe (P-1) and P-4-R-32.

The southwest contact of any felsite dyke is therefore thought to be an important control of the mineralization in the area.

V. STRUCTURE

The Pick-axe was originally assumed to lie along the bedding cleavage and was drilled by Hudson's Bay M. & S. on this assumption.

The Skyline work has shown that several of the showings strike N40°W with a steep (60°-80°) southwest dip.

The northeast wall = footwall being in contact with north dipping tuffs or silicified tuffs often gives a false impression of a bedded contact and only blasting of the showings has provided clear-cut evidence of the southwest dip, especially along the hangingwall.

In the general P-14 area (figure 4), some outcrops of only gently dipping tuffs and over-lying agglomerates shows an interesting joint pattern, with major N40°W joints spaced at about 15-30 cm., and joints at right angle spaced at some 50 cm.

Showing P-12 shows the same pattern, the major 1.8 m. wide chlorite-chalcopyrite mineralization trending N40°W, and the smaller gold-bearing massive sulphide showing striking at right angle in the footwall (northeast) side (see figure 8).

The length of the mineralized structures is as yet not proven. However, some 70 m. on strike to the southeast of P-12, a small outcrop of chlorite and sulphide has been observed in the moraine and the P-12 zone is assumed to have at least this length.

VI. ALTERATION

Silicification of the tuffs, especially on the northeast side of several showings, is pronounced, and sometimes (P-12) difficult to distinguish from felsite.

The area southeast of P-13 is characterized by a yellowish alteration believed related to sericitization.

VII. TRENCHING

All trenches dug by hand in July were subsequently deepened by blasting, after which 5 out of 7 were shoveled out. Two, P-6, 7 and P-10 could not be shoveled out properly due to coarse breaking in P-6, 7 and mud-inflow in P-10.

<u>Trench</u>	<u>L, m.</u>	<u>W, m.</u>	<u>D, m.</u>	<u>Vol., m.³</u>	<u>Remarks</u>
P-6, 7	20	2	1.5	60	
P-10, Spade	20	2	1.5	60	
P-12, Chlorite	1.8	5	1	9	3 short trenches
P-1, Pick-axe	22	1.5	1	33	
P-4	10	5	0.5	25	Felsite only
P-13, Moil	6.4	1.5	1	9.6	
R-19, Ridge	9	1.5	1.7	23	
Total	89.2 m. length			219.6 m. ³	

The three short P-12 trenches were blasted across the narrower vein (from 10 cm. to 60 cm. wide) and thereby exposed the wider chlorite showing, which was not apparent at all on surface. (see Figures 5-8)

VIII. GRADES

A summary of the Skyline showings is as follows:

Note: opt = ounces per tonne

<u>Showing</u>	<u>Width</u>		<u>% Cu</u>	<u>opt Ag</u>	<u>opt Au</u>	<u>% Zn</u>
	<u>Feet</u>	<u>Meters</u>				
Pick-axe (P-1)	45'	13.5	4.12	3.10	0.20	.05
Spade, P-6 & 7	6'	1.8	0.24	0.28	0.003	-
Spade, P-10	59'	18.0	0.60	0.41	0.003	.07
Chlorite, P-12	6'	1.8	2.95	0.91	0.063	.07
P-12 FW	2'	0.6	3.02	1.28	0.325	.02
Moil, P-13	12'	3.6	1.05	0.54	0.010	.10
R-19-1	5'	1.6	0.16	0.36	0.492	2.86

Trenching results are summarized in Figures 5-8.

In addition, good to high grade float of massive pyrite has been found, as in the following table, in the course of extensive prospecting.

FLOAT OF INTEREST (SEE FIGURE 4).

<u>LOCATION</u>	<u>SAMPLE NO.</u>	<u>SIZE</u> <u>m.</u>	<u>% Cu</u>	<u>% Pb</u>	<u>% Zn</u>	<u>Oz/T Ag</u>	<u>Oz/T Au</u>
R-32	1930	0.2 x 0.2 x 0.3	.12	22.30	5.15	2.68	.04
R-26	1926	0.2 x 0.2	5.12	.10	6.82	4.46	.175
R-25	1925	0.3 x 0.3	7.52	1.38	3.62	8.85	.065
P-14	142	0.3 x 0.25 x 0.25	5.72	.92	3.15	5.28	.216
R-28-3	1927	0.15 x 0.15	.88	8.22	1.02	3.60	.011
R-22	1922	0.2 x 0.2	5.85	.06	.27	4.52	.026
R-19	1920	0.3 x 0.3	.11	1.56	5.85	.70	.022
R-20	1942	Selected sulf.	.77	.06	.17	.38	.196
R-33-1	1931	0.3 x 0.3	2.58	.15	.09	1.65	3.820
R-33-2	1932	0.1 x 0.1	2.40	.05	2.32	2.43	.602
R-33-3	1933	Several boulders	.58	.06	.09	.91	2.480
R-23-1	1923	0.2 x 0.2	.84	.02	.06	.44	1.120
R-23-2	1924	1.1 x 0.5	3.14	.04	.08	1.81	5.450
P-3 Area	123	0.3 x 0.3 x 0.3	3.14	.01	.03	2.20	.064
P-3 Area	124	0.6 x 0.3 x 0.3	<u>1.13</u>	.01	.10	<u>1.30</u>	<u>.091</u>
Average of 15 occurrences			2.66			2.88	.955
							.352 cut

High grade float assays in the 3-6 ounces of gold per ton had originally been reported in 1954 by Hudson Bay Mining & Melting prospectors in the same general area where Skyline found high gold. These results are now considered reliable and not spurious.

All assaying done by Acme Analytical Laboratories Ltd.

Total number of samples taken:

<u>MONTH</u>	<u>REPORT NO.</u>	<u>NO. ASSAYS</u>
July	80-673	27
August	80-965	23
September	80-1013	11
		2
<hr/>		
TOTAL		63

All samples assayed for copper, lead, zinc, silver and gold.

IX. REFERENCES

1. 1961 Hudson's Bay M & S drill logs. Assessment reports, B.C. Department of Mines, Energy and Petroleum, as follows:
2. No. 630, Cominco, A.B. Mawer, Geological Survey of Bron No. 1 and 2 groups, 1965.
3. No. 769, Cominco, G. Parsons, Geological Report on Bronson Creek Nos. 1-3 claim groups, 1966.
4. No. 1657, Cominco, R.G. Bagshaw, Geological Report on Cat Group No.1, Iskut River Area, 1968.
5. Texasgulf Inc., Miscellaneous reports.
6. G.S.C. Map 1418^A, Iskut River, 1979, Scale 1:1,000,000 (1" = about 16 miles)

X. SUMMARY AND RECOMMENDATIONS

Typical volcanogenic siliceous massive sulphides with unusually high gold values have been located and trenched on the Reg Group.

The area is part of a belt of felsic volcanics of Upper Triassic age, and characterized by the presence of welded tuffs and rhyolitic (felsic) dykes. Several of the showings lie along these dykes.

The size of the showings, the commercial grade of three of them and the abundance of good to high grade float in this particular geological environment, give this prospect an unusually high probability of containing one or more large polymetallic deposits of economic value.

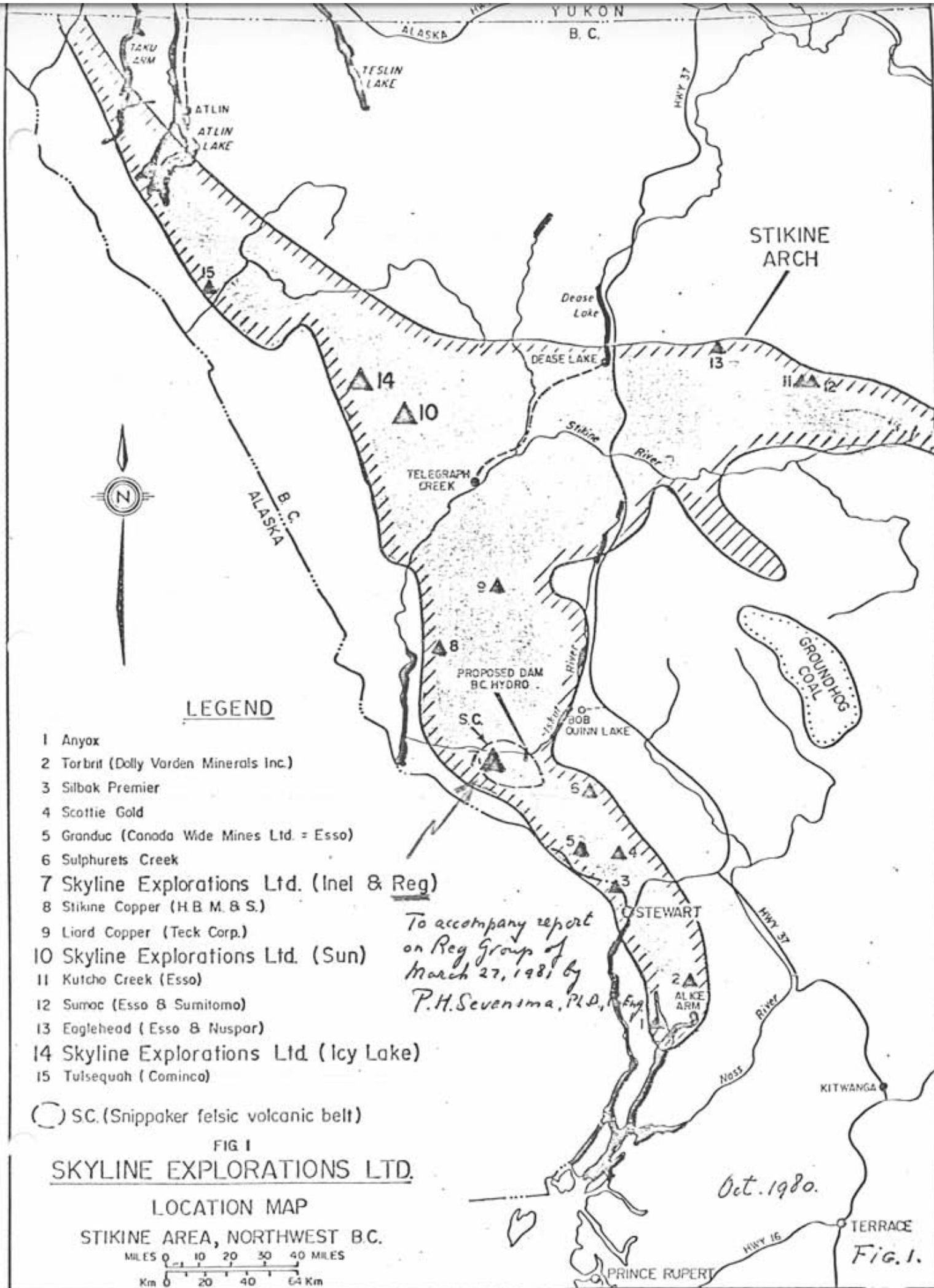
A substantial program of mapping, geophysics and drilling is understudy.

Report by:

A handwritten signature in black ink, appearing to read 'P.H. Sevensma', written over a horizontal line.

P.H. Sevensma, Ph.D., P.Eng.

Burnaby, B.C.
March 27, 1980.



LEGEND

- 1 Anyox
- 2 Torbrit (Dolly Varden Minerals Inc.)
- 3 Silbak Premier
- 4 Scottie Gold
- 5 Granduc (Canada Wide Mines Ltd. = Esso)
- 6 Sulphurets Creek
- 7 Skyline Explorations Ltd. (Incl & Reg)
- 8 Stikine Copper (H.B.M. & S.)
- 9 Liord Copper (Teck Corp.)
- 10 Skyline Explorations Ltd. (Sun)
- 11 Kutcho Creek (Esso)
- 12 Sumoc (Esso & Sumitomo)
- 13 Eaglehead (Esso & Nuspar)
- 14 Skyline Explorations Ltd. (Icy Lake)
- 15 Tulsequah (Cominco)

○ SC. (Snippaker felsic volcanic belt)

*To accompany report
on Reg Group of
March 27, 1981 by
P.H. Sevansma, P.L.D., Eng.*

**FIG 1
SKYLINE EXPLORATIONS LTD.**

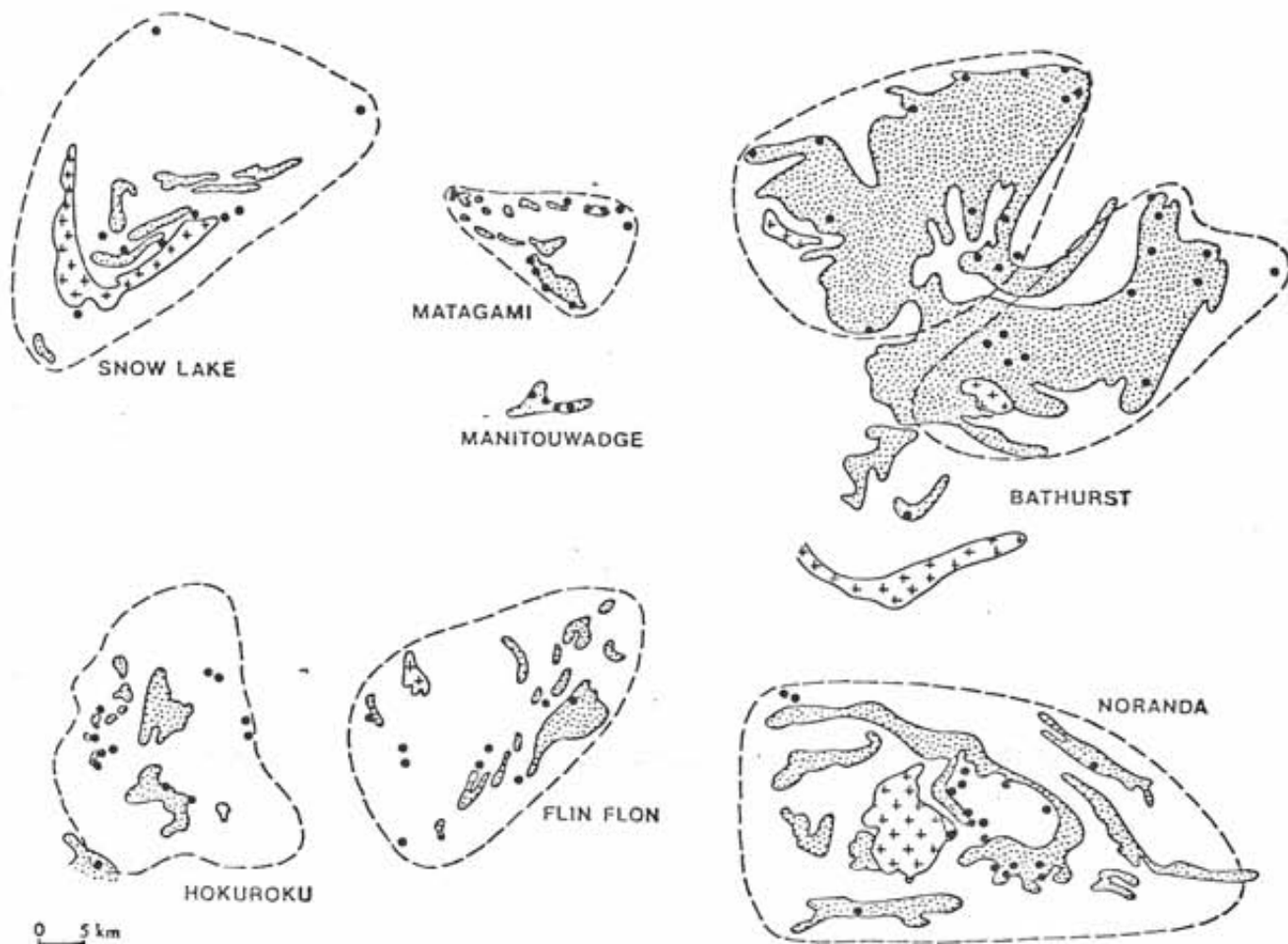
**LOCATION MAP
STIKINE AREA, NORTHWEST B.C.**

MILES 0 10 20 30 40 MILES
Km 0 20 40 64 Km


Oct. 1980.

FIG. 1.

SIMPLIFIED GEOLOGICAL MAPS OF THE DISTRICTS



(Source: D.F. Sangster, Bulletin Vol. 73, No. 814 Febr. 1980)

 FELSIC VOLCANICS
(including volcanogenic sediments)

 VOLCANOGENIC MASSIVE SULPHIDE DEPOSITS

 POSSIBLE SUBVOLCANIC INTRUSIONS

 FELSIC VOLCANICS AND MASSIVE SULPHIDE DEPOSITS

SNIPPAKER FELSIC VOLCANIC BELT

- 1 REG
- 2 INEL

0 5km



SKYLINE EXPLORATIONS Ltd.

REG & INEL GROUP

To accompany report of March 27/81
on Reg group by P.H. Sevensma.

Oct. 1980.

FIG. 2

Fig. 3.

To accompany report of March 27/81
on the Reg claims, Fruit River area
by R.H. Sevensma, Ph.D. Peay

Scale: 1:50,000.

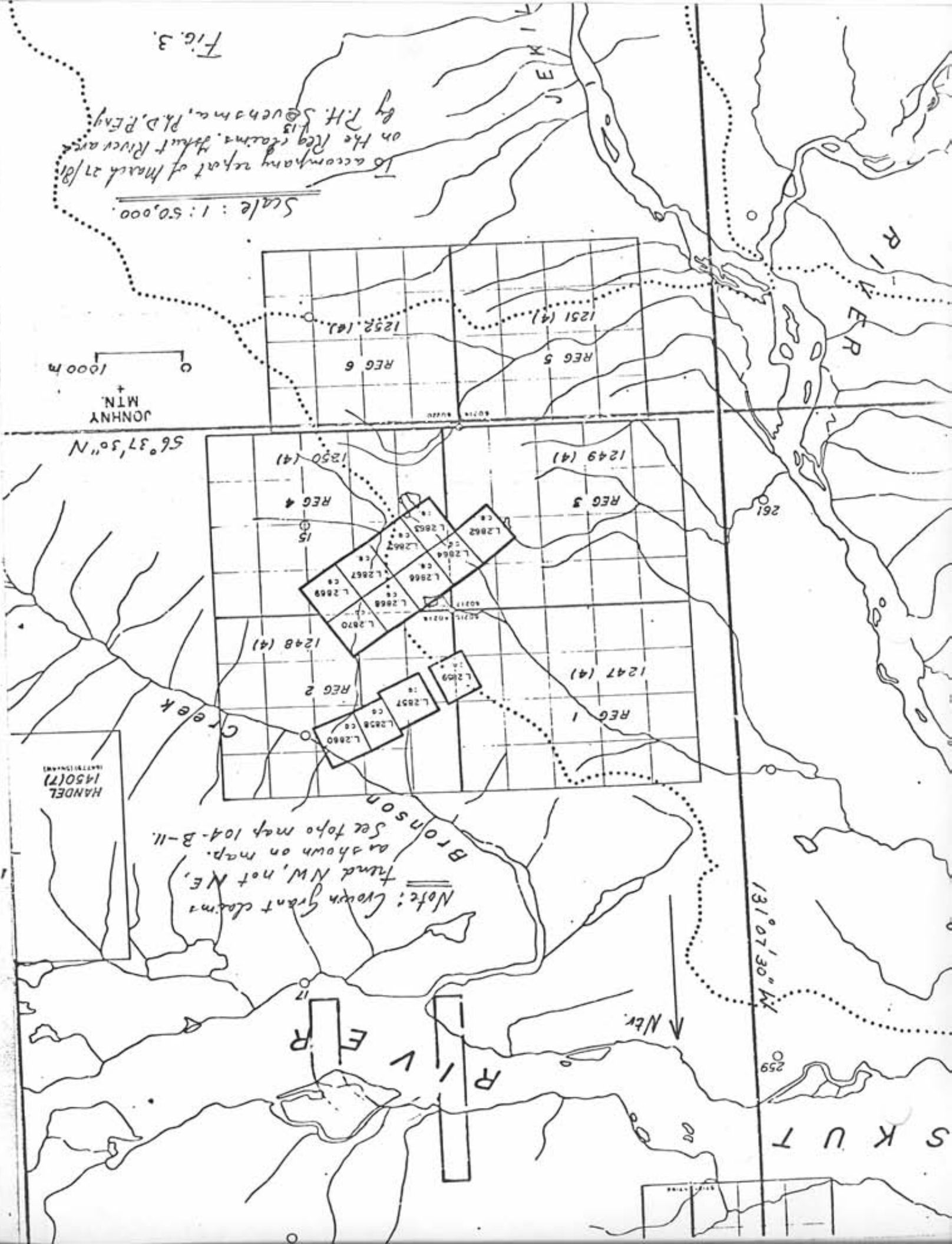
JOHNNY
MTN.
+
1000 m

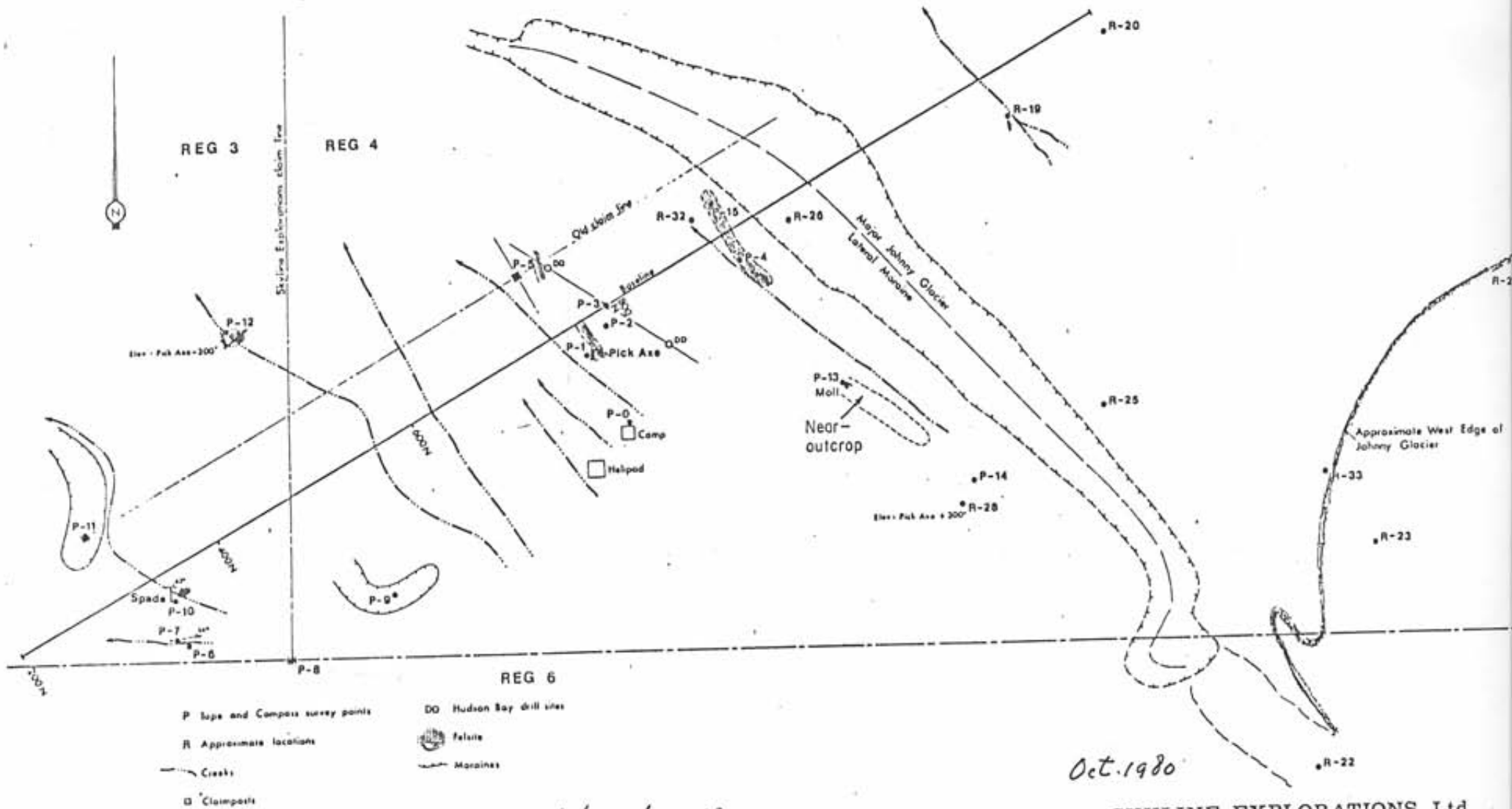
56°37'30"N

HANDEL
1450(7)

Note: Crown grant claims
found NW, not NE,
as shown on map.
See topo map 104-B-11.

131°07'30"W





To accompany report of March 27/81
on the Reg Group by P.H. Sevensma, Ph.D., P.Eng.

1:5000
1" = 416'

SKYLINE EXPLORATIONS Ltd.

REG GROUP
1980 Trench and Float Locations

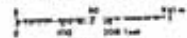
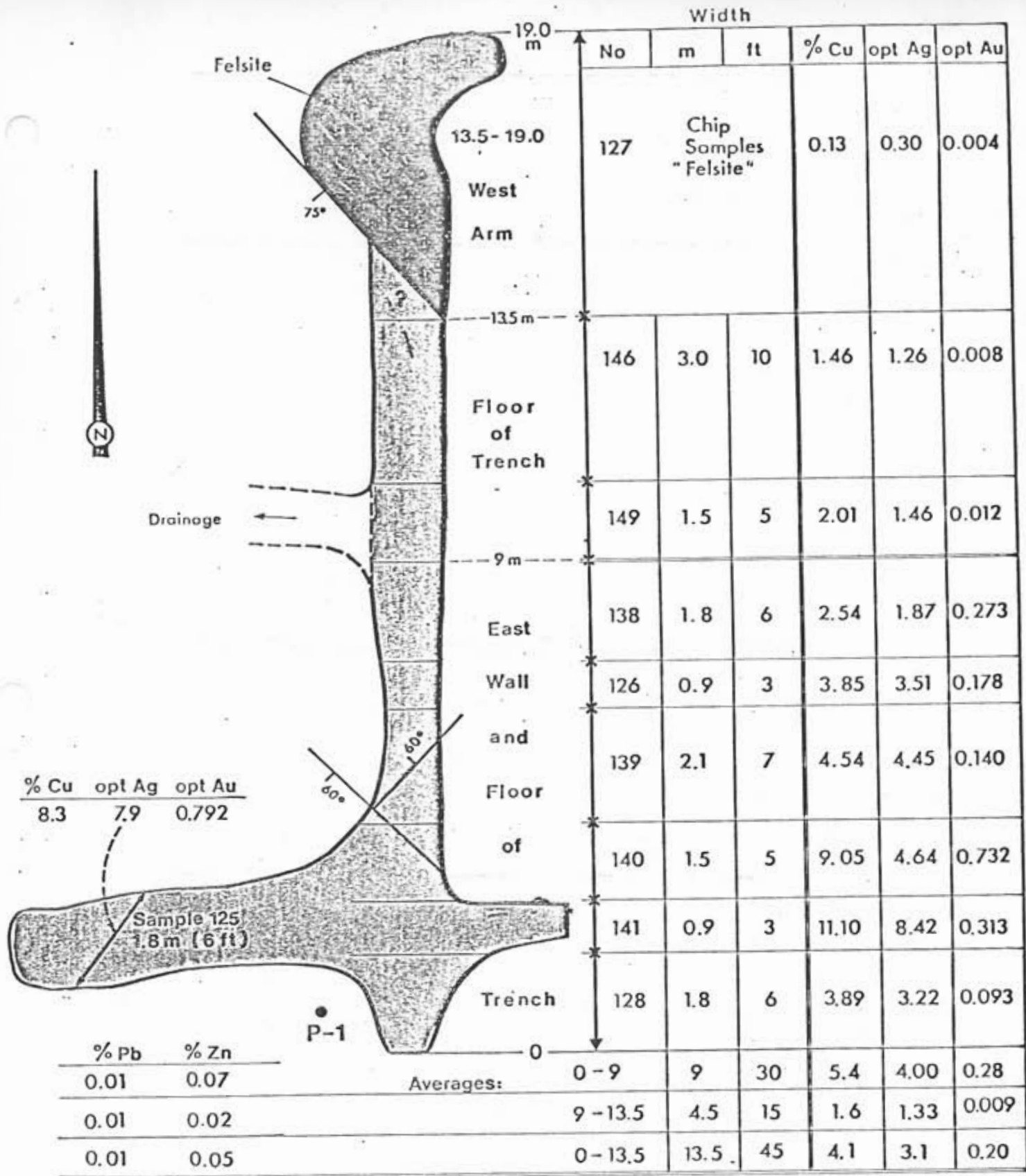


FIG. 4



Trench up to 1.2 m (4 ft) deep

Massive pyrite + increasing siliceous material to the north.

To accompany report of March 27/81
by P.H. Sevelnema, Ph. D., P. Eng.

1:100
1" = 8.3'

Nov. 1980.

FIG. 5

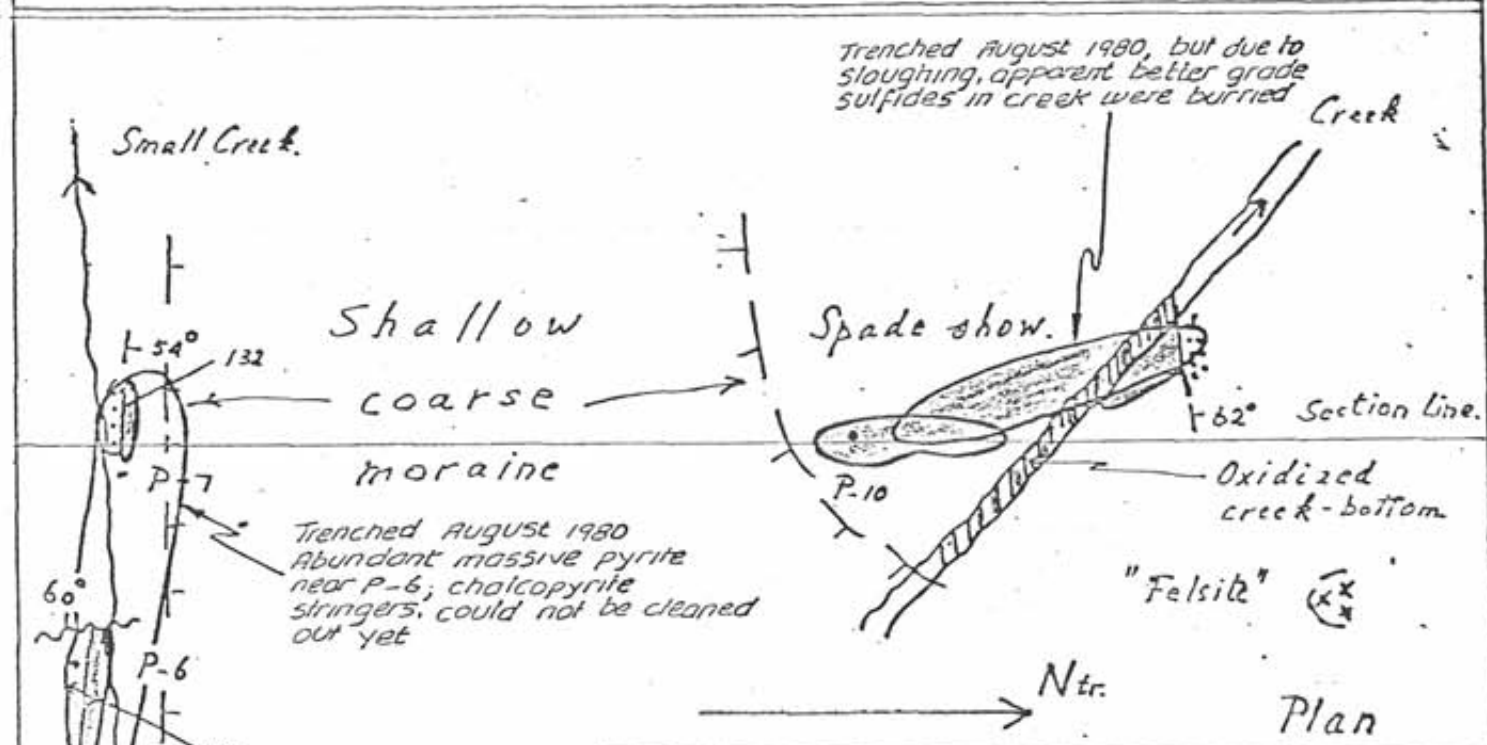
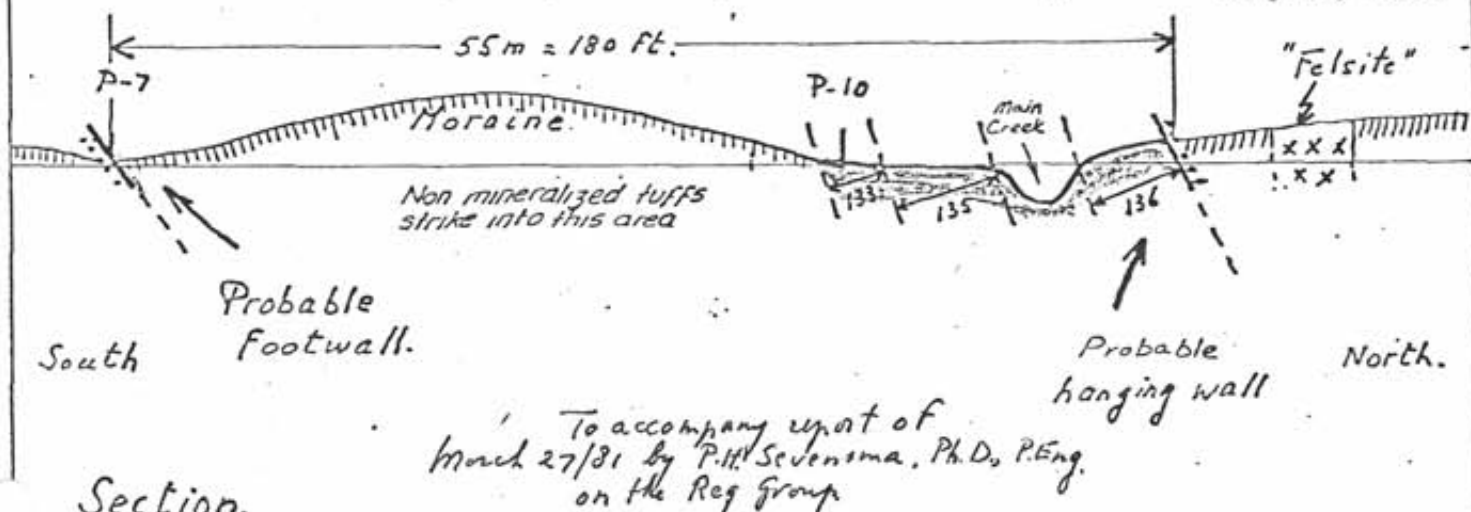
SKYLINE EXPLORATIONS Ltd.

REG 4 Plan of Pick Axe Trench P-1



Sample no	Location	Width m	%Cu	ox./tAg	oz./tAu	%Pb	%Zn	%Fe
131	P-6	1.0	.38	.46	.003	.08	.03	
132	P-7	0.3	.04	.28	.003	.07	.02	
133	P-10	3.0	.35	.33	.004	.03	.06	
135	P-10	6.0	.95	.53	.003	.01	.10	
136	P-10	3.6	.21	.28	.001	.01	.06	
133-135	Average	12.6	.60	.41	.003	.01	.07	
134	Float, 30 m W of P-10		.41	.39	.003	.03	.07	

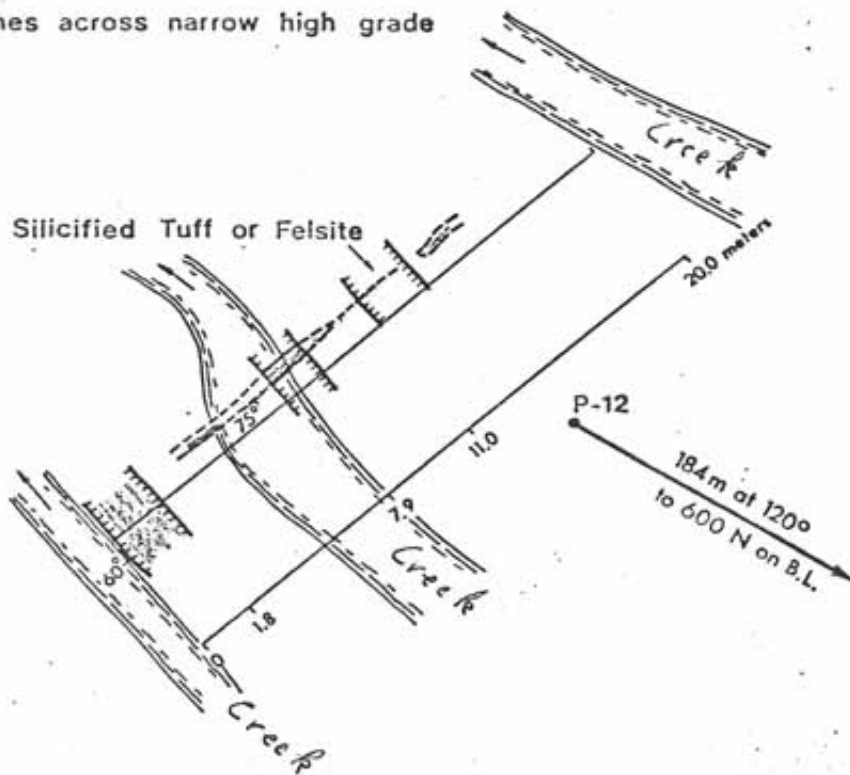
Sampled: P.H. Sevensma, PhD, P.Eng. July 20, 1980. Assays: Acme An. Lab., Rep. 80-673, July 28, 1980.



Scale: 1:400
(1" = 33.3')
Nov. 1980.

SKYLINE EXPLORATIONS LTD.	
REG 3 GP - SPADE SHOWING TRENCHING (P-10)	
Peter H. Sevensma Consultants Ltd., Vancouver, B.C.	
104B-11/E	Scale: 0, 10, 20 M Fig: 7

||| Trenches across narrow high grade



Sample No	Distance m	Width m ft	Strike	Dip	% Cu	opt Ag	opt Au
155	0 — 1.8	1.8 — 6	N 40 W	60 SW	2.95	0.91	0.063
156	At 7.9	0.6 — 2	N 50 E	75 SE	3.02	1.28	0.325
155	1-3 mm pyrite with streaks of chalcopyrite in chloritized tuffs. Full width not yet exposed.						
156	0.2-0.3 ^m massive pyrite with chalcopyrite and variable amounts of pyrite and chalcopyrite stringers in silicified tuffs.						

*To accompany report of March 27/81 on the Reg Group
by P.H. Sevénstma, Ph. D., P.Eng.*

FIG. 8

SKYLINE EXPLORATIONS Ltd.

REG 3 3 Trenches Blasted in P-12

1:250
1" = 20.8'



Nov. 1980



To: Skyline Exploration Ltd.,
1087 Eyremount,
W. Vancouver, B.C.

File No. *) 80-673Type of Samples Rocks

Disposition _____

ASSAY CERTIFICATE

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Au oz/ton		No.
1	119	.09	.01	.08	.05	.001		1
2	120	.39	.08	2.02	.54	.005		2
3	121	.04	.03	.05	.26	.001		3
4	122	.04	.01	.04	.23	.002		4
5	123	3.14	.01	.03	2.20	.064		5
6	124	1.13	.01	.10	1.30	.091		6
7	125	8.30	.02	.08	7.92	.792		7
8	126	3.85	.01	.03	3.51	.178		8
9	127	.13	.01	.01	.30	.004		9
10	128	3.86	.01	.13	3.22	.093		10
11	129	.43	.01	.03	.27	.006		11
12	130	.07	10.20	1.25	11.30	.018		12
13	131	.38	.08	.03	.46	.003		13
14	132	.04	.07	.02	.28	.003		14
15	133	.35	.03	.06	.33	.004		15
16	134	.41	.03	.07	.39	.003		16
17	135	.95	.01	.10	.53	.003		17
18	136	.21	.01	.06	.28	.001		18
19	137	.50	.01	.01	.40	.152		19
20	138	2.54	.01	.03	1.87	.273		20

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED July 25, 1980DATE REPORTS MAILED July 28, 1980

ASSAYER _____

Appendix "A", 5 pages

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Skyline Exploration Ltd.

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

Telephone: 253 - 3158

File No. 80-673

Type of Samples Rocks

Disposition _____

ASSAY CERTIFICATE

2

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Au oz/ton		No.
1	139	4.54	.01	.05	4.45	.140		1
2	140	9.05	.01	.10	4.68	.732		2
3	141	11.10	.02	.11	8.42	.313		3
4	142	5.72	.92	3.15	5.28	.216		4
5	143	1.02	.03	.06	.88	.009		5
6	144	.36	.02	.13	.54	.011		6
7	145	.15	.01	.04	.52	.012		7
8								8
9								9
10								10
11								11
12								12
13								13
14								14
15								15
16								16
17								17
18								18
19								19
20								20

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DATE SAMPLES RECEIVED July 25, 1980

DATE REPORTS MAILED July 28, 1980

ASSAYER

Dean Toye

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

2



To: Skyline Exploration Ltd.,
1087 Eyremount,
West Vancouver, B.C.

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

Telephone: 253-3158

File No. 80-965

Type of Samples Rock

Disposition

ASSAY CERTIFICATE

No.	Sample	Cu%	Pb%	Zn%	Ag oz/tonne	Au oz/tonne		No.
1	1920	.11	1.56	5.85	.70	.022		1
2	1921				.05	.001		2
3	1922	5.85	.06	.27	4.52	.026	R22	3
4	1923	.84	.02	.06	.44	1.120	R23.1	4
5	1924	3.14	.04	.08	1.81	5.450	R23.2	5
6	1925	7.52	1.38	3.62	8.85	.065	R25	6
7	1926	5.12	.10	6.82	4.46	.175	R26	7
8	1927	.88	8.22	1.02	3.60	.011	R28.3	8
9	1928	.07	2.12	.06	1.51	.014	R29.1	9
10	1929	.02	.13	.02	.11	.006	R29.2	10
11	1930	.12	22.30	5.15	2.68	.040	= P-15 R32	11
12	1931	2.58	.15	.09	1.65	3.820	R33.1	12
13	1932	2.40	.05	2.32	2.43	.602	R33.2	13
14	1933	.58	.06	.09	.91	2.480	R33.3	14
15	1934	.16	.40	2.86	.36	.492	R19.1 (0-1.6)	15
16	1935	.05	.02	.05	.18	.011	(1.6-3.2)	16
17	1936	.04	.02	.10	.26	.047	(3.2-4.8)	17
18	1937	.02	.01	.06	.13	.007	(4.8-6.4)	18
19								19
20								20

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DATE SAMPLES RECEIVED AUG. 30, 1980

DATE REPORTS MAILED SEP. 2, 1980

ASSAYER

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER



To: Skyline Exploration Ltd.,

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

Telephone: 253 - 3158

File No. 80-965

Type of Samples Rock

Disposition _____

ASSAY CERTIFICATE

P.2

No.	Sample	Cu%	Pb%	Zn%	Ag oz/tonne	Au oz/tonne			No.
1	1938	.16	.04	.08	.32	.003		119-1 (6.4.80)	1
2	1939	.29	.03	.05	.18	.011		R20	2
3	1940	.34	.05	7.40	.35	.017		R20.1	3
4	1941	.27	.36	2.24	.40	.019	Reg	R19	4
5	1942	.77	.06	.17	.38	.196	Reg	R20	5
6									6
7									7
8									8
9									9
10									10
11									11
12									12
13									13
14									14
15									15
16									16
17									17
18									18
19									19
20									20

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DATE SAMPLES RECEIVED AUG. 30, 1980

DATE REPORTS MAILED SEP. 2, 1980

ASSAYER

Dean Toye

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

4



To: Skyline Exploration Ltd.,
1087 Eyremount,
West Vancouver, B.C.

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

Telephone: 253 - 3158

File No. 80-1013

Type of Samples Rocks

Disposition _____

ASSAY CERTIFICATE

No.	Sample	Cu%	Pb%	Zn%	Ag oz/ton	Au oz/ton		No.
1	146	1.46	.01	.02	1.26	.008	P-1	1
2	147	1.25	.02	.15	.65	.012	P-12 6'-2'	2
3	149	2.01	.01	.03	1.46	.012	P-1	3
4	150	.85	.01	.06	.44	.007	P-13 0-6	4
5	151	.23	.02	.04	.35	.008	P-13 12-19'	5
6	152	.21	.03	.23	.29	.204	R-19 Trench	6
7	153	.44	.30	2.23	.57	.045	R-19 Cr.	7
8	154	.42	.01	.04	.20	.011	P-12, Selected sample	8
9	155	2.95	.02	.07	.91	.063	P-12 6'	9
10	156	3.02	.01	.02	1.28	.325	P-12 2'	10
11	157	.32	.01	.03	.16	.009	P-12, same as 154	11
12								12
13								13
14	146 2	2.92	.02	.04	2.52	.016		14
15	149 1	2.01	.01	.03	1.46	.012		15
16	3	4.93	.03	.07	3.98	.028		16
17	Average	1.64	.01	.02	1.33	.009	1	17
18			.01	.03			2	18
19								19
20								20

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DATE SAMPLES RECEIVED Sept. 8, 1980

DATE REPORTS MAILED Sept. 10, 1980

ASSAYER _____

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

5.

APPENDIX B

STATEMENT OF EXPENDITURES JULY 14 TO SEPTEMBER 6, 1980

Reg Claim Group, Liard Mining Division

PERSONNEL:

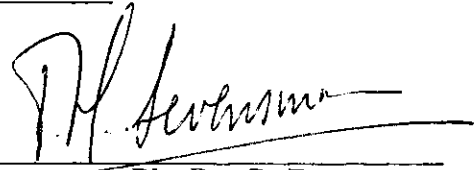
P.H. Sevensma, Ph.D. - 20 days @ \$300.00	\$6,000.00
R. Gifford, P.Eng. - 7 days @ \$275.00	1,925.00
Sue Gifford, assistant 7 days @ \$ 85.00	595.00
R.E. Davis, camp manager 20 days @ \$100	2,000.00

SUPPORT:

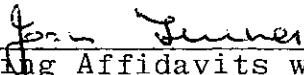
Room & board: 94 man-days @ \$30/day	2,820.00
Assaying - Rock	2,361.12
Helicopters (50% of Cost)	6,077.43
Travel - Sevensma, Gifford, Davis, Gifford, Carter	1,755.15
Supplies	8,448.64

\$31,982.34

Declared before me at the City
of Vancouver, in the
Province of British Columbia, this 31
day of March 1981, A.D.



P.H. Sevensma, Ph.D. P.Eng.



A Commissioner for taking Affidavits within British Columbia

003-RECORD 1A