

**This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
o. \$ 4100.00.**

for *DEmond*
**Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.**

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CHAPTER ONE: INTRODUCTION1-1: GENERAL STATEMENT

This report describes the results of a series of prospecting and geological mapping traverses made between July, 1984 and June 9, 1985 within the BEE and CEE claims group owned by Silver Sabre Resources. In addition to this evaluation work, limited soil sampling and silt geochemistry was undertaken. A compilation of all available data is also included.

1-2: LOCATION AND ACCESS

The BEE and CEE claims comprise a block of 82 contiguous Yukon Quartz Mining claims located on, and northeast of, Haeckel Hill on N.T.S. mapsheet 105 D/14 (Figures 1 and 2). They are within the limits of the City of Whitehorse approximately 2 kilometres southwest of the Alaska-Klondyke Highway junction.

Access is via road from the Alaska Highway either using a good two-wheel drive road leading to an abandoned rifle range and downhill ski hill (Haeckel Hill), or from Crestview to the east, using a four-wheel drive road.

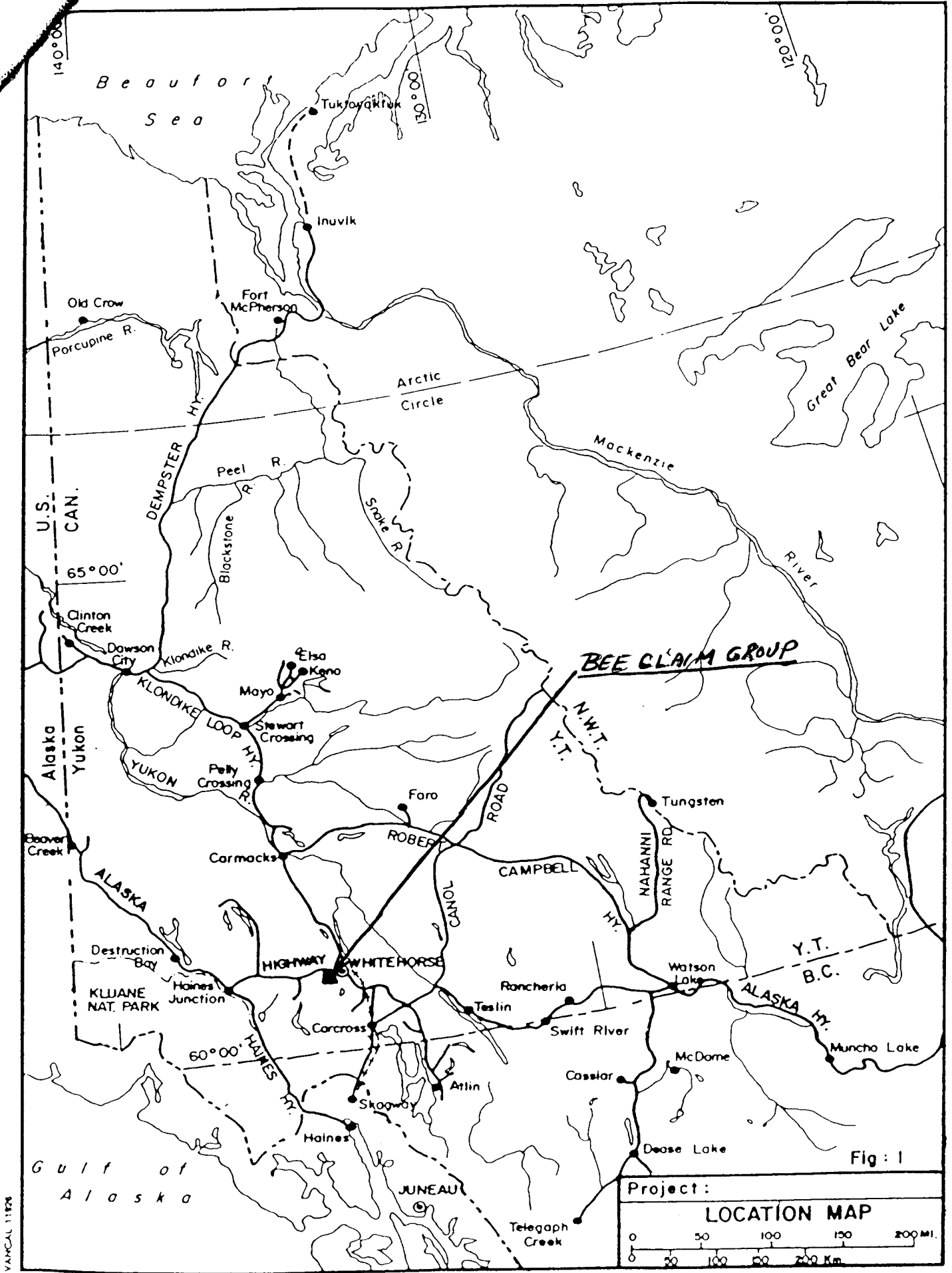


Fig: 1

Project:

LOCATION MAP

0 50 100 150 200 MI.

0 50 100 150 200 Km.

YANICAL 11728

1-3: CLAIM STATUS

The initial BEE claims were staked in December, 1974 with subsequent staking of BEE and CEE claims up to July, 1985. Table 1 lists the claims, grant numbers and recording dates for the 84 claims which comprise the group (Figure 2).

Upon acceptance of this report, all claims will be in good standing for a minimum of one year with the earliest claims coming due in July, 1986.

1-4: PREVIOUS WORK

Exploration work on the claims between 1974 and 1979 appears to be limited to prospecting and blast trenching. In 1979, Whitehorse Copper optioned the property and carried out linecutting, I.P., soil sampling, geological mapping and trenching. This work was done on the eastern part of the claims and results were not encouraging.

Silver Sabre Resources carried out limited geophysics and soil sampling on the Main Showing in 1982 resulting in two diamond drill holes.

In 1983, Silver Sabre cut a new grid between the Main Showing and the Whitehorse Copper grid. C.E.M., magnetometer and VLF-EM surveys were carried out on this grid and some cat trenching done in the same year. Grid locations and some of the results from the above surveys are compiled on Figure 4.

TABLE 1CLAIM STATUSJuly, 1985

<u>CLAIM NAME</u>	<u>GRANT NO.</u>	<u>DUE DATE</u>	<u>OWNER</u>
BEE 1-12	Y91728-739	Dec. 6, 1985	Silver Sabre Resources
BEE 21-24	Y91748-751	Dec. 6, 1985	" " "
BEE 25-27	YA3106-108	July 29, 1986	" " "
BEE 28-35	YA18302-309	Sept. 27, 1986	" " "
BEE 36-59	YA86575-598	April 26, 1986	Noranda Exploration
BEE 60-63	YA92340-343	July 2, 1985	Silver Sabre Resources
CEE 1-6	YA82524-529	July 3, 1985	Silver Sabre Resources
CEE 7	YA82530	July 3, 1986	" " "
CEE 8	YA82531	July 3, 1985	" " "
CEE 10-13	YA82532-535	July 3, 1985	" " "
CEE 14-19	YA82576-581	July 4, 1985	" " "
CEE 20-27	YA85579-586	Oct. 9, 1985	" " "
CEE 24(N)-26(N)	YA86010-012	Oct. 23, 1985	" " "

1-5: 1984-85 WORK PROGRAM

Between August, 1984 and June, 1985, Noranda Exploration and Silver Sabre Resources participated in a fairly detailed prospecting and rock sampling program followed by limited trenching and soil and silt sampling. The following section describes the results of these surveys.

An option agreement was signed between the two parties in August, 1985.

CHAPTER TWO: ASSESSMENT WORK

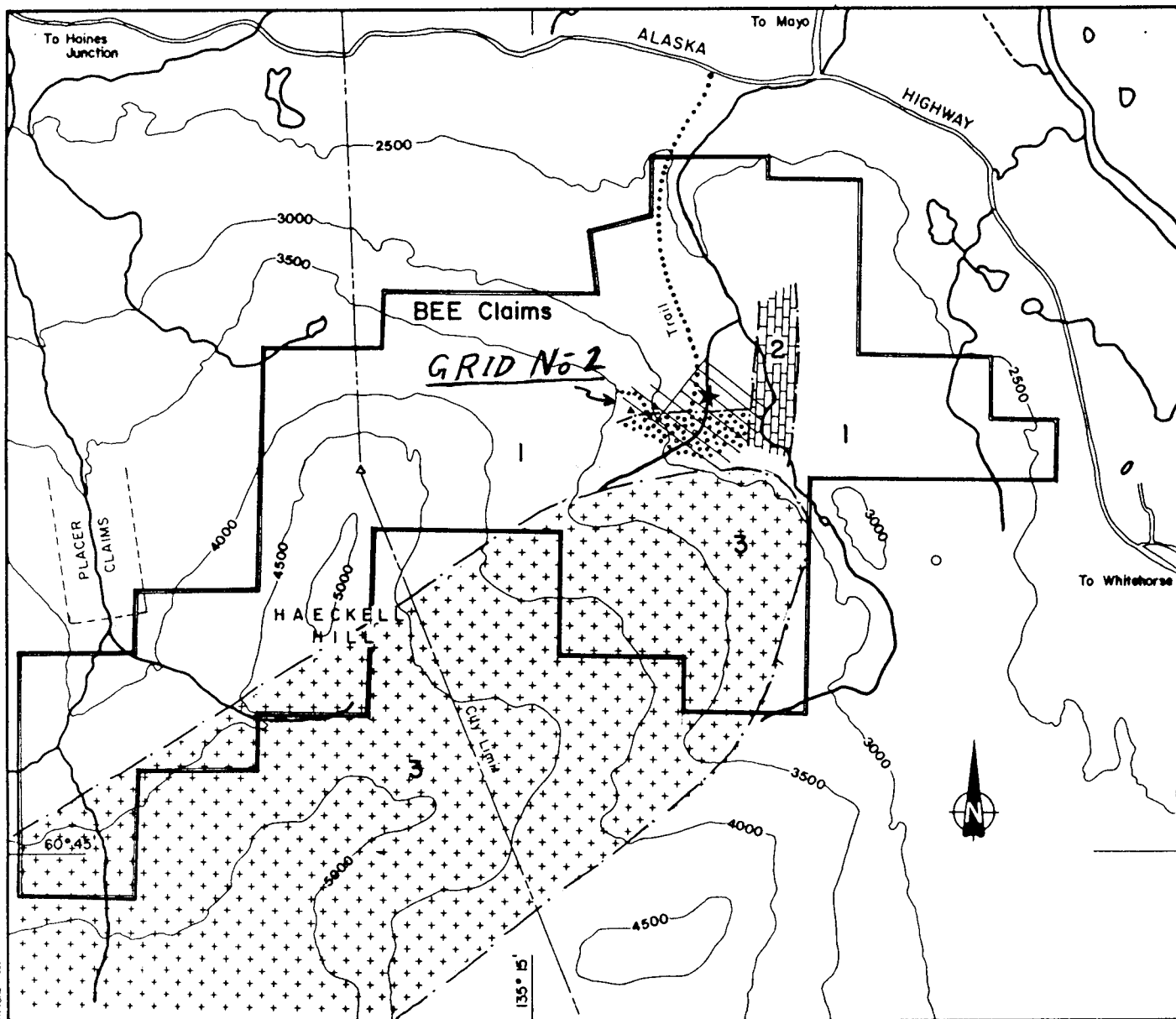
2-1: GEOLOGY

The BEE claims are underlain by rocks of the Upper Triassic Lewes River Group (Figure 3). This group consists of interbedded greywacke, quartzite, siltstone and argillite with lesser limestone and limestone breccia. The strata are shallow dipping and openly folded. The northeast end of a linear Cretaceous to Tertiary (?) granite pluton is exposed on the southwestern part of the claims. The contact aureole around this granite has resulted in silicification and hornfelsing of the clastic rocks and skarnification of the carbonate rocks.







A fine-grained to micro porphyritic "rhyolite" was mapped on Grid No. 2 and has up to 5% disseminated pyrite plus pyrrhotite. This unit is most likely a sill, however the only contact seen (in TR-84-1) was masked by a shear zone and it still may be an interlayered rhyolite flow.

2-2: PROSPECTING AND MINERALIZATION

From the numerous prospecting traverses made on the property and the sampling of mineralized showings, it appears that mineralization consists of three types which are described below. Figure 4 shows the location of rocks sampled as well as data compiled from previous work. Results are listed in



Legend

-  Rhyolite ?
- CRETACEOUS**
-  Granite
- UPPER TRIASSIC**
- Lewes River Group**
-  Limestone, limestone breccia.
-  Greywacke, siltstone, argillite, quartzite.
- MINERALIZATION**
-  Quartz vein : Base metal, Po
-  Anomalous Au



REVISED	BEE Claims	
	REGIONAL GEOLOGY	
PROJ. No	SURVEY BY	DATE
N.T.S. 105014	AI	APR 85
DWG. No	SCALE	1:31,680
3	NORANDA EXPLORATION	
	OFFICE Whitehorse	

NORANDA 11/2/85

Appendix C.

1) Cu-skarn - Seen only on the Whitehorse Copper grid at their trench locality. Mineralization consists of bornite and chalcopyrite in a tremolite-diopside skarn. This was only located in float as the trench did not reach bedrock.

2) Galena-sphalerite-pyrrhotite-quartz veins and shear-fracture fillings. The best example of this type is the Main Showing, however there are numerous quartz veins with sphalerite-galena mineralization throughout and east-west belt, probably parallelling the granite contact.

3) Disseminated pyrite-pyrrhotite containing low to moderate grade Au values in a "rhyolite" host rock. Controlling factors for this mineralization are unknown but it appears to be contained within a shear zone at the rhyolite-hornfels contact.

2-3: SOIL GEOCHEMISTRY

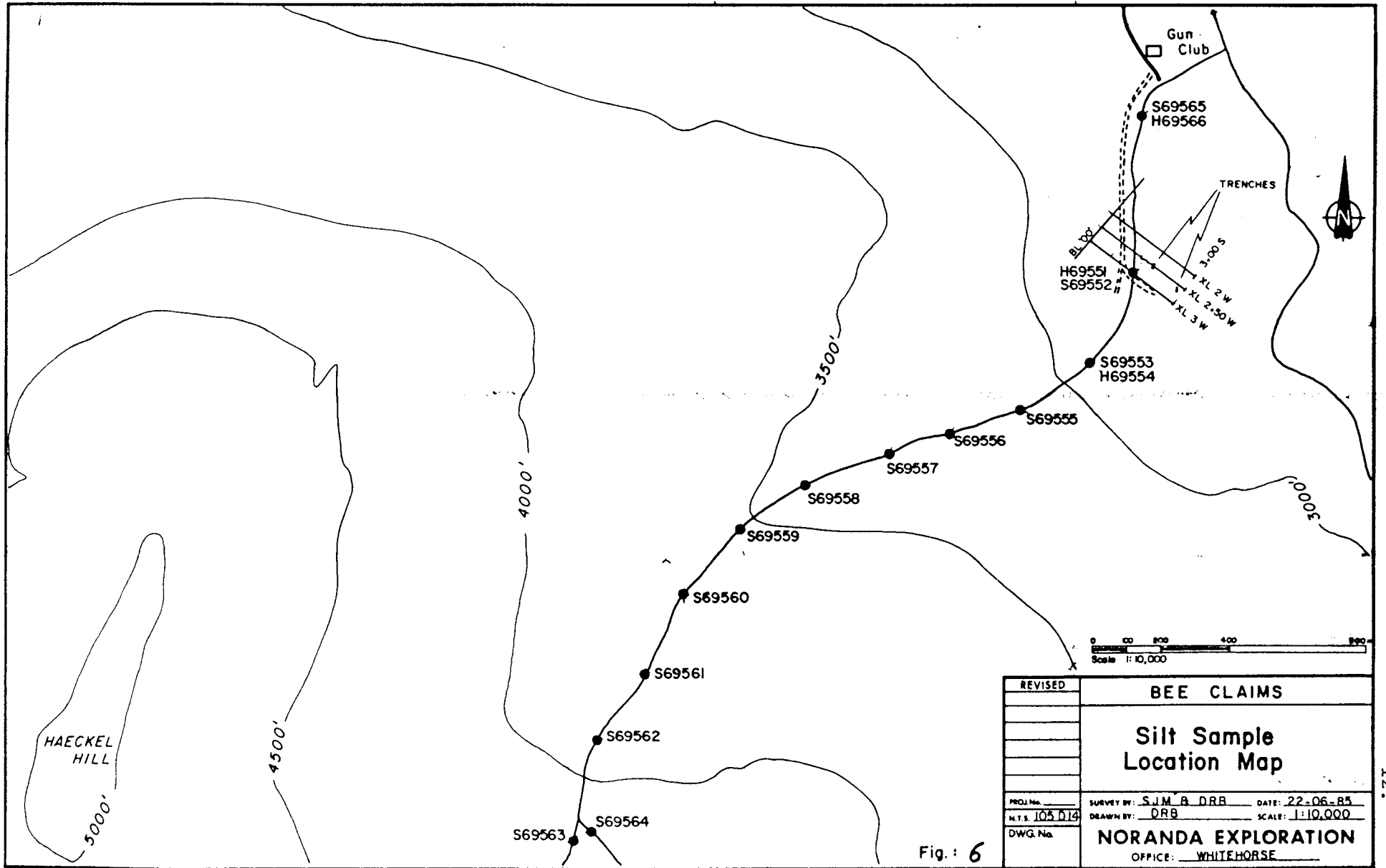
A total of 30 soil samples were taken on Grid No. 2 as a test case prior to carrying out a more encompassing survey. Results are presented on Figure 5. Soil anomalies, including 180 ppm As, 210 ppm Cu, 42 ppm Pb and 330 ppm Zn, are associated with the rhyolite contact.

2-4: SILT and PANNED CONCENTRATE GEOCHEMISTRY

A total of 13 silts and 3 panned concentrates were taken on the creek

flowing through Grid No. 2 (Figure 6, Appendix D). Silt results were not anomalous, however the panned concentrates proved quite the opposite. Two values of 16,000 and 13,000 ppb Au were obtained below the rhyolite contact whereas the sample taken above the contact was not anomalous. Although the survey was very limited, it proved its usefulness in defining a cut-off structure and more work is planned.

<



REVISED	BEE CLAIMS	
	Silt Sample Location Map	
PROJ. No.	SURVEY BY: S.J.M.B. DRB	DATE: 22-06-85
N.T.S. 105 D14	DRAWN BY: DRB	SCALE: 1:10,000
DWG. No.	NORANDA EXPLORATION	
	OFFICE: WHITEHORSE	

Fig.: 6

VANICAL 11828

CHAPTER THREE: CONCLUSIONS AND RECOMMENDATIONS

The results from the various geochemical, prospecting and geological surveys, although limited in scope, has proved the potential for three types of mineralization. Cu-skarn and Pb-Zn-Ag-quartz veins have previously been identified on the property, however the disseminated Au in rhyolite is a recent discovery. The parameters of this mineralization and its potential is completely unknown at present, however further work is warranted.

Respectfully submitted,

Wayne Reid

Project Geologist

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Hureau, A. Whitehorse Copper Mines, Suite Option (105 D/14) Summary Report, April 1981.

MacDonald, G. Diamond Drilling Assessment Report on the Bee Mineral Claims. August, 1983.

MacDonald, G. Assessment Credit Report on Bee 1-12 and Bee 21-24. May, 1984.

Wolcott, Peter and Associates Limited. A Report on Induced Polarization Surveys for Whitehorse Copper Mines Ltd. May, 1981.

APPENDIX A

STATEMENT OF QUALIFICATIONS

I, Wayne Reid, of the City of Whitehorse, in the Yukon Territory, do hereby certify that:

1. I have been employed as a Geologist by Noranda Exploration Company, Limited (No Personal Liability) since 1976.
2. I am a graduate of Memorial University of Newfoundland with a Bachelor of Science Degree in Geology.
3. I am a member of the Canadian Institute of Mining and Metallurgy, the Prospectors and Developers Association and a fellow of the G.A.C.
4. I supervised and performed part of the work described in this report.
5. I have no direct or indirect interest in Silver Sabre Resources Ltd., nor do I expect to receive any interest directly or indirectly in the securities of this company.

N. Wayne Reid

N. Wayne Reid
Project Geologist
Noranda Exploration Company, Limited
(No Personal Liability)

APPENDIX B
STATEMENT OF COSTS

Project: BEE and CEE Claims

Labour	\$1,900
Vehicles (Rental + gas)	200
Meals, accommodation, etc.	150

Analysis

65 Rocks	\$830
13 Silts	156
3 Concentrates	36
30 Soil	360

1,672

Report Preparation	200
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TOTAL \$4,122

SAMPLE	APPENDIX C: ROCK GEOCHEMISTRY RESULTS (BEE CLAIMS)									WORK BY
	TYPE	Cu	Pb	Zn	Ag	Au (ppb)	As	Sb		
L3E-0	soil	78	8000	5600	42					Noranda 1982
L3E-1N	soil	12	100	180	.4					
L3E-2N	soil	20	22	200	.2					
L5E-1N	soil	22	30	92	.2					
XL0+50/4+50	rock	29	2850	228	19	65				Silver Sabre
XL2/5+25SE	rock	75	720	150	7.5	205				Aug/84
XL3/2+00SE	rock					3000				
XL3/6+00SE	rock	250	870	55	13	10				
XL3/6+25SE A	rock	49	120000	137000	227.7	5480				
XL3/6+25SE B	rock	25	1870	5900	8.8	90				
XL1+75/4+25SE	75937				43	250				
XL3/6+50SE	75933				>50.0	600				
R36432	rock	10	18	22	.2	10				Noranda
R36433	rock	146	16	52	.6	10				Sept/84
R36434	rock	20	16	22	.2	10				
R36435	rock	28	6	88	.2	10				
R36436	rock	16	126	4800	.2	60				
R36437	rock	100	5500	5000	9.0	90				
R36438	rock	76	54	62	.4	10				
R36439	rock	14	64	78	.2	10				
R40926	rock	67	69	325	21	5000	500	5		Noranda
R40927	rock	60	92	1190	1.6	1850	420	<2		Oct/84
R40928	rock	5	20	18	.5	35	42			(2470 ppm Ba)
R40929	rock	17	34	695	.5	15	42			
R40930	rock	6	75	64	.4	10	55	<2		(1570 ppm Ba)
R40931	rock	18	45	50	.2	10	220	9		
R40932	rock	68	44	72	.3	<5	8			
R40933	rock	3	35	6	.3	40	90	7		
R40934	rock	4	114	16	.8	300	450	<2		
R40935	rock	14	55	20	.2	5	310			
R40936	rock	12	59	82	.3	5	25	6		
R40937	rock	2	14	24	.2	15	28	<2		
R40938	rock	13	14	44	1.0	80	58			
R40939	rock	10	49	41	.6	140	170			
R49726	rock	10	5200	88	9.0	100				Noranda
R49727	rock	92	17000	8940	45	260				Oct/84
R49728	rock	6	535	131	1.7	170				
R49729	rock	384	11700	13700	30	300				
R49731	rock	26	92	3190	.8	85				
R49732	rock	2490	19200	5340	40	500				
46351	rock	570	4	23	<0.2	10		90		Noranda
46352	rock	360	7	17	1.0	10		495		Nov/84
46353	rock	23	14	19	<0.2	400	<5 W	140		
46354	rock	188	55	550	0.6	65		4		Sn (ppm)
46355	rock	220	4	14	0.2	<5		30		
49733	rock	8	48	43	0.3	25				
49734	rock	76	48	292	0.6	620				
49735	rock	6	36	60	0.3	55				
49736	rock	6	29	80	0.2	20				
49737	rock	3	26	19	0.3	220				
							As	Sb		
20777	TR-84-1	rock	38	760	19000	2.4	300	44		Noranda
20778	"	rock	5	10	940	1.2	60	60		June/85
20779	"	rock	38	52	250	0.6	30	2		
20780	TR-84-2	rock	4	74	160	1.0	30	2		
20781	"	rock	6	26	36	0.2	100	40		
20782	"	rock	14	48	780	0.6	170	30		
20783	"	rock	4	2	22	0.2	10	4		
20786	"	rock	70	20000	15000	34.0	200	32		
20787	"	rock	10	56	64	0.4	20	8		
71415	Whse. Copper	rock	23000	64	50	30.0	600	8		
71416	Trench	rock	76	12	12	0.2	10	2		
36416	0.46 m	chip	40	68	1600	.6	30	44		Noranda
36417	0.72 m	chip	110	800	4800	11	340	120		Dec/84
36418	0.38 m	chip	60	1700	980	31	1300	140		
36419	1.3 m	chip	14	32	400	.4	40	68		
36420		grab	10	24	44	.6	30	48		
36421		grab	20	400	320	.6	140	180		

ROCK SAMPLES - MAIN VEIN AREA

SAMPLE	TYPE	Cu	Pb	Zn	Ag	Au	As	Sb	WORK BY
P6556 HW	grab	100	17000	12600	29.5	685			Noranda 1981 (L. Patinode)
P6557 Vein	grab	100	26000	14400	60.9	1233			
P6558 FW	grab	300	7600	25400	17.8	340	(Cd 300 ppm)		
HW 0076	grab		10300	31200					
J426	split								Noranda 1982
DDH-1 77-79.5'	2.5'	100	300	4600	6.2	100			
J427	split								
DDH-1 79.5-83.5	4'	100	400	200	1.4	100			
J428	split								
DDH-1 83.5-90'	6.5'	200	18000	15800	33.6	300			
75926	main		4400	2600	67.1	171			Hudson Bay/ Silver Sabre Aug/84
75927	6" main				17.0	310			
75928	2' main				>50.0	315			
DDH-1 75929			v.high	>99000	359.3	343			
R36440		2180	29000	>40000	144	280	48	220	Noranda Sept/84
R36441		408	11100	24000	79.0	40	32	64	
R36442		48	2400	7000	7.0	300	248	2	
R36443		90	770	352	1.6				
20784		430	170000	45000	290.0	340	24		Noranda June/85
20785		210	11000	1300	16.0	20	32		

APPENDIX D

SILT GEOCHEMISTRY RESULTS

SAMPLE NO.	Cu	Zn	All values in PPM				Mo	PPB Au
			Ag	Pb	As			
69552	24	66	0.2	4	1	2	10	
69553	20	62	0.2	2	4	2	10	
69555	18	60	0.2	4	2	2	10	
69556	16	60	0.2	2	6	2	10	
69557	20	66	0.2	2	4	2	10	
69558	14	54	0.2	2	1	2	10	
69559	14	58	0.2	4	2	2	10	
69560	16	58	0.2	4	2	2	10	
69561	14	58	0.2	4	4	2	10	
69562	10	52	0.2	2	1	2	10	
69563	14	64	0.2	4	1	2	10	
69564	8	52	0.2	2	1	2	10	
69565	20	66	0.2	4	1	2	10	

PAN CONCENTRATES

69551	20	8	1.6	8		16000 (wt. 47.0 g)
69554	20	30	0.4	2		40 (wt. 33.7 g)
69556	44	34	2.0	280		13000 (wt. 57.0 g)

N.B. Pan concentrate: Entire samples used for Au determination.
 Cu, Zn, Ag, Pb values obtained from Aqua Regia solution.