

84-#836 - # 12560  
10/85

REPORT

ON

THE 1984 DIAMOND DRILLING PROGRAMME

ON

THE GLEN HOPE PROPERTY - QUARTZROCK CREEK

LIARD MINING DIVISION N.T.S. 104 P/5E

LATITUDE: 59°16'N, LONGITUDE: 129°44'W

*Hopefull  
Mark.  
Highgrade*

FOR

SABLE RESOURCES LIMITED

BY

J. PAXTON, P. ENG.

PETRALITH SERVICES LIMITED

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

SEPTEMBER, 1984

12,560

## TABLE OF CONTENTS

	<u>Page</u>
INTRODUCTION	1
SUMMARY	2
PROPERTY AND OWNERSHIP	3
LOCATION AND ACCESS	4
HISTORY	4
GEOLOGY	5
RESULTS OF THE 1984 DRILLING PROGRAMME	6
CERTIFICATE	8
FIGURES:	
FIGURE 1 - PROPERTY LOCATION MAP	Following Page 4
FIGURE 2 - CLAIM MAP	Following Page 3
FIGURE 3 - GEOLOGY OF THE MCDAME MAP AREA	Following Page 8
MAPS:	
SURFACE PLAN - SCALE 1" = 20'	In Map Pocket
1984 DIAMOND DRILL LOGS	In Map Pocket
APPENDIX 1 - COST STATEMENT	Following Fig. 3

## INTRODUCTION

This report is an account of an 1,157 foot (353 metres), five hole diamond drilling programme carried out on the Glen Hope property in August, 1984. The drilling was done on behalf of Sable Resources Ltd., 970 - 625 Howe Street, Vancouver, B.C. V6C 2T6, who presently holds an option on the property. The programme was in response to a recommendation for 2,500 feet of surface diamond drilling contained in an April, 1984 report to Sable by B.E. Spencer, P. Eng. of B.E. Spencer Engineering Ltd., 960 - 625 Howe Street, Vancouver, B.C. V6C 2T6.

The drilling was done by D.J. Drilling Co. Ltd. of 13135 - 20th Avenue, Surrey, B.C. using a Longyear 38 drill equipped with NQ rods.

Director supervision, core logging and sampling was done by J. Paxton, P. Eng. of Petralith Services Ltd., 5086 Topaz Place, Richmond, B.C.

General supervision was done by R.T. Trenaman, P. Eng. of Trenaman Mining Services Ltd., 960 - 625 Howe Street, Vancouver, B.C. V6C 2T6.

## SUMMARY

During August, 1984, Sable Resources Ltd. drilled five holes totalling 1,157 feet (353 metres) on the Glen Hope property.

The first two holes were drilled to test the ground below a series of old trenches on strike with, and to the west of the vein structures explored by drilling and underground work in 1980 - 1981. Several wide bands of ankeritic alteration were intersected including several quartz veins and pyrite zones.

The remaining three holes were drilled to test the extension of a vein on which a 100 foot adit had been driven in the 1930's. Again, several wide bands of ankeritic alteration were intersected which included several quartz veins as well as the one located by the adit.

The quartz veins and pyrite zones intersected are similar to those which form ore bodies in the adjoining Taurus Gold Mine.

At the time of writing, assay results were not yet available.

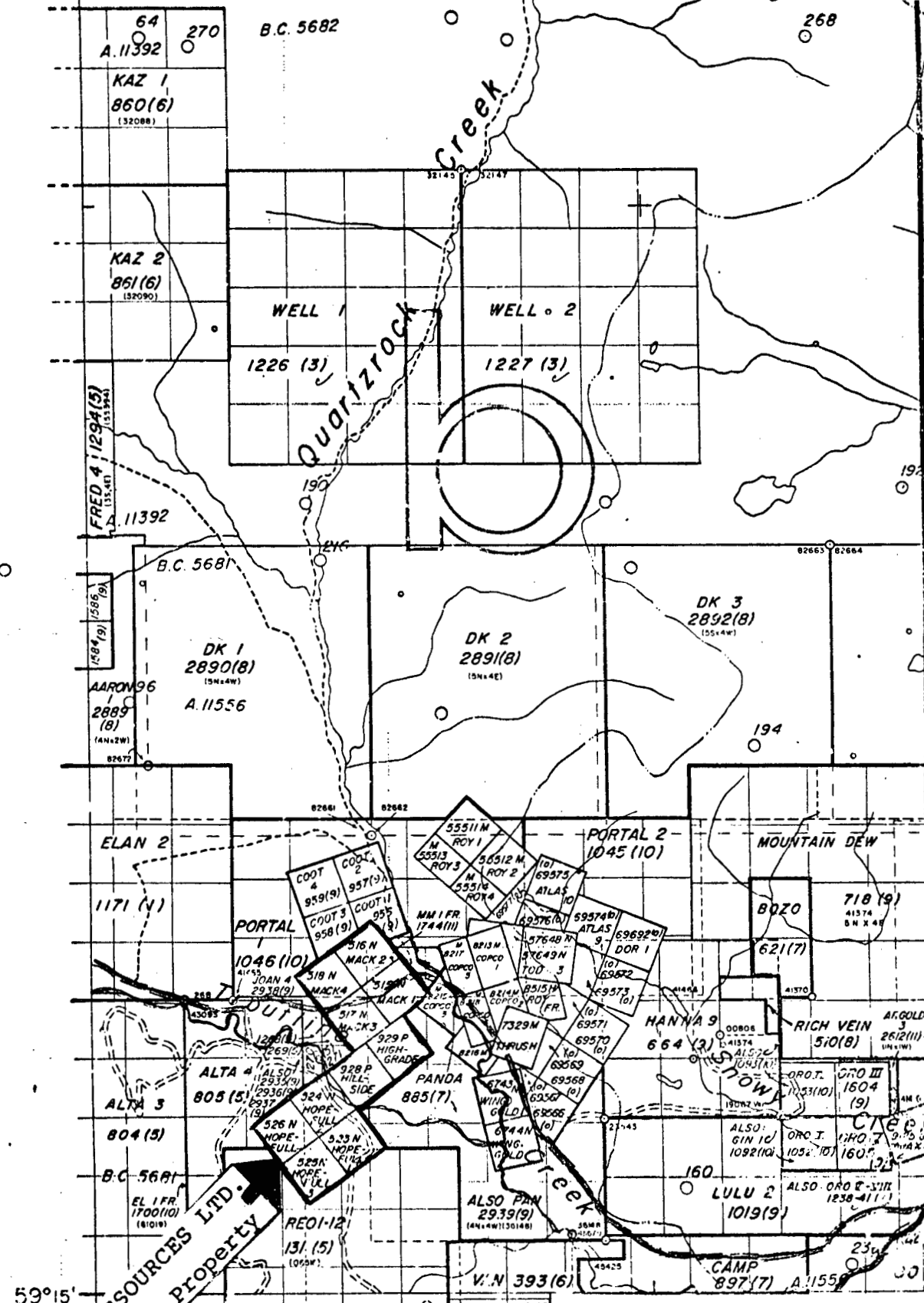
## PROPERTY AND OWNERSHIP

Sable Resources Ltd. holds an option to acquire a 100% interest in the Glen Hope property which consists of the following mineral claims:

<u>Claim</u>	<u>Record Number</u>	<u>Expiry Date</u>
Mack 1	515N	October 2, 1984
Mack 2	516N	October 2, 1984
Mack 3	517N	October 2, 1984
Mack 4	518N	October 2, 1984
Highgrade	929P	November 2, 1984
Hillside	928N	November 2, 1984
Hopefull	526N	October 2, 1984
Hopefull 1	523N	October 2, 1984
Hopefull 2	524N	October 2, 1984
Hopefull 3	525N	October 2, 1984

In addition, a fractional claim was staked by J. Paxton for Sable Resources Ltd. to cover a possible open area on the northwest boundary of the group. This was the Fur Fr. recorded on August 2, 1984.

The option terms call for annual payments of \$25,000 until the full purchase price of \$200,000 has been paid. The outstanding unpaid balance becomes due upon the commencement of commercial production.



MINERAL TITLES  
 REFERENCE MAP -  
 104 P/5E

Figure 2  
 CLAIM MAP  
 SABLE RESOURCES LTD.  
 Glen Hope Property  
 Scale 1:50,000

---	Crown Grants
---	Reverted C.G.
---	Forfeited Mine
---	Verified Legal

#### LOCATION AND ACCESS

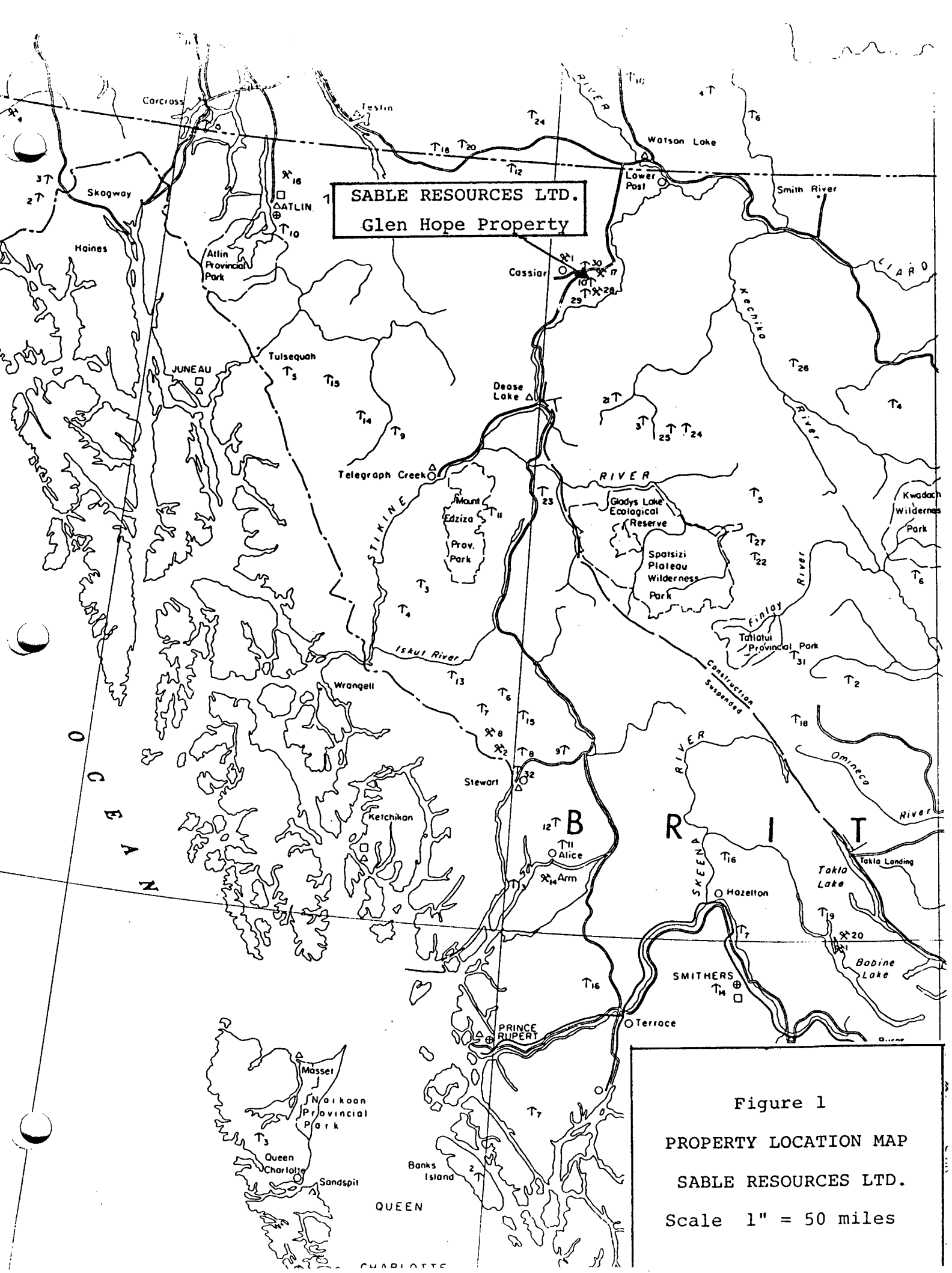
The property is located 5 kilometres east of Cassiar, British Columbia, on the branch road joining Cassiar to Highway 37. Highway 37 connects Watson Lake on the Alaska Highway to Stewart on the Pacific Coast. Watson Lake is 110 kilometres distant to the northeast and is the closest point with regular commercial air service. A daily bus service connects Watson Lake, Stewart and Cassiar.

The road to Cassiar crosses the northern portion of the property and from it a network of trails and drill roads provide easy access to most of its area.

#### HISTORY

According to a 1982 report on the property by B.E. Spencer, P. Eng., "the claims were located in 1934 by G. Hope, father of the present owner, who was a prospector and trapper as well as one of the earliest settlers in the area".

In the 1930's, G. Hope erected a small stamp mill and drove an adit over 100 feet on a nearby vein. He also prospected extensively, blasting numerous test pits and digging several bulldozer trenches.





In 1981, Plaza Mining Corporation took an option on the property. It conducted a geochemical soil survey for gold over the northern portion of the property. It also drilled 4,863 feet in 21 holes and drove a decline and three drifts underground totalling 1,115 feet.

#### GEOLOGY

The regional geology of the area is described in G.S.C. Memoir No. 319 and Map No. 110A and also more recently by A. Panteleyev and L.J. Diakow in the report entitled "Cassiar Gold Deposits - McDame Map Area", contained in the Ministry of Mines and Petroleum Resources publication "Geological Fieldwork 1981".

The property is underlain by rocks of the Sylvester Group of Mississippian Age. In the area where the drilling was done, the rocks of this group are massive greenstones which were originally andesitic pillow lavas with associated lenses of unbedded ash tuff. Occasional pillow and amygdaloidal structures can still be seen in the greenstone. In the gold-bearing areas, the greenstones are cut by vertical to steeply south dipping parallel groups of east-west trending fractures. These fractures have been occupied by pyrite followed by quartz. This vein formation has been accompanied by extensive and striking alteration of the greenstone to ankerite and pyrite. The pyrite occurs scattered

through the alteration zone as euhedral pyritohedrons and appears to be a product of the alteration process. Later fracturing has been accompanied by additional quartz and pyrite plus tetrahedrite, chalcopyrite, sphalerite, mariposite, gold and silver. Several phases of subsequent faulting have disrupted the vein structures in various ways.

The structural geology on the Glen Hope property is very similar to that of the Taurus Gold Mine which lies directly to the east and is in production at a rate of 150 tons per day.

#### RESULTS OF THE 1984 DRILLING PROGRAMME

Drill holes 84-1 and 84-2 were laid out to test a zone of alteration and small quartz veins exposed in trenches to the east of the area drilled in 1981 by Plaza Mining Corporation. The holes successfully located four bands of alteration which included several quartz veins and pyrite zones. X west

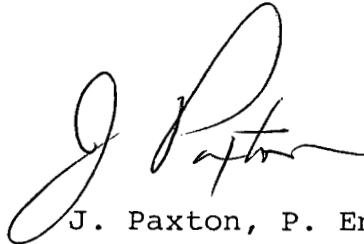
Drill holes 84-3, 84-4 and 84-5 were laid out to test the vein on which Mr. Glen Hope drove an adit in the 1930's. Again, several wide alteration zones were intersected including several strong quartz veins in addition to the one that the adit was driven on.

In both locations, the alteration zones are open on strike, and a good deal of additional drilling would be justified if the assay results from the present programme indicate ore grade material. At the time of writing, assay results were not available.

The drill core from the programme is presently stored in permanent storage racks in an old building on the Mack 1 claim as shown on the surface plan.

JP:lm

September 26, 1984



J. Paxton, P. Eng.

## CERTIFICATE

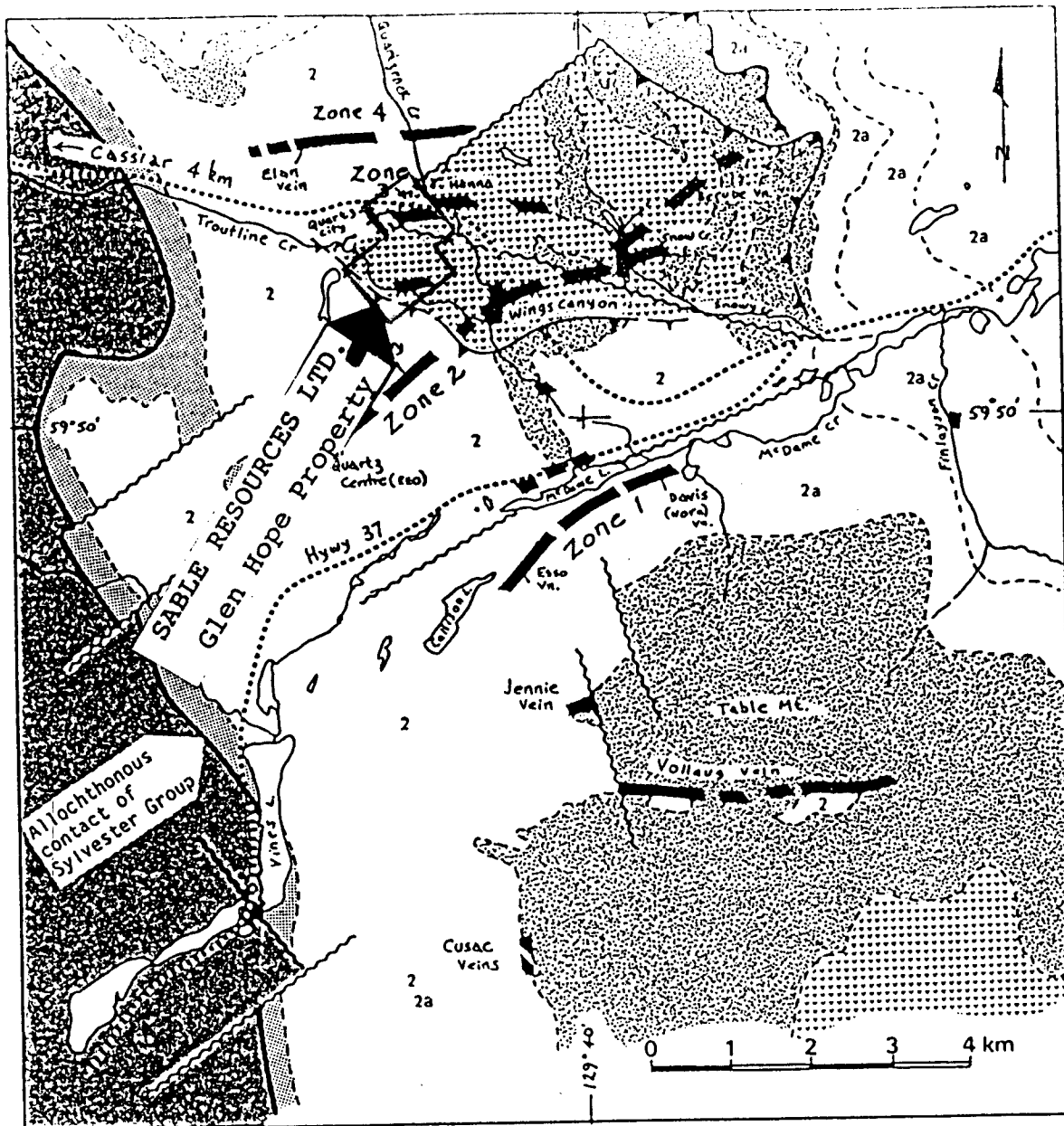
I, James Paxton, of the City of Richmond in the Province of British Columbia hereby certify as follows:

1. I am a graduate geologist with residence and office at 5086 Topaz Place, Richmond, British Columbia.
2. I am a Professional Engineer, registered with the Association of Professional Engineers of British Columbia.
3. I am a graduate of the University of Saskatchewan with a B.A. degree majoring in Mining Geology (1953).
4. I have practiced my profession as geologist for thirty years.
5. I have no interest, direct or indirect, in the claims or securities of Sable Resources Ltd., and I do not expect to receive any interest.
6. This report is based on my personal experience on the Glen Hope property during the summer of 1984.

Date

Sept 27/84

James Paxton  
James Paxton, P. Eng.  
President  
Petralith Services Ltd.



Geology of the McDame map-area.

SYLVESTER GROUP (MISSISSIPPIAN TO ? PERMIAN)

- |                             |   |                                      |   |
|-----------------------------|---|--------------------------------------|---|
| <p>2</p> <p>2a</p> <p>1</p> | <p>GREENSTONE-CHERT ASSEMBLAGE: MASSIVE PALE TO DARK GREEN ANDESITE FLOWS, TUFF, IN PART FINE-GRAINED DYKES AND SILLS, SOME CHERT, INCLUDES PORPHYRITIC FELDSPATHIC ANDESITE FLOWS (AND ? SILLS)</p> <p>CHERT, TUFFACEOUS CHERT, INCLUDES SOME ARGILLITE; IN NORTHEAST WELL-LAYERED CHERT-PHYLLITE, TUFFACEOUS CHERT, RIBBONED CHERT, AND ARGILLITE</p> <p>ARGILLITE, SILTSTONE, CHERT, QUARTZITE, LIMESTONE, PEBBLE CONGLOMERATE, TUFF; INCLUDES NUMEROUS DIABASE AND ANDESITE SILLS</p> | <p>4</p> <p>3</p> <p>VEIN SYSTEM</p> | <p>BASALT: WIDESPREAD PILLOWS, SOME BRECCIA, TUFF, AND MINOR ARGILLITE; IN SOUTHEAST, ABUNDANT BRECCIA, TUFF, AND SMALL LIMESTONE PODS</p> <p>SILTSTONE, ARGILLITE, GREYWACKE, PEBBLE CONGLOMERATE, QUARTZ ARENITE, CALCAREOUS SILTSTONE, LIMESTONE</p> |
|-----------------------------|---|--------------------------------------|---|

Figure 3

APPENDIX 1

COST STATEMENT

DIAMOND DRILLING & RELATED ENGINEERING

MACK 3 AND HIGHGRADE M. C.

August 1 - 19, 1984

Fees

R.T. Trenaman, P. Eng. - Office & Field	\$ 1,350.00
- 3 days @ \$450.00 per diem	
J. Paxton, P. Eng. - Field Supervision	4,500.00
including Mapping,	
Logging Drill Core	
- 1 month	

Vehicle

Mileage - 3,000 miles @ .35/mile	1,050.00
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Room & Board

Drillers - 57 days @ \$45.00/day	2,565.00
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Cat Costs

- Related to preparation of drill pads, roads and moving drills	1,200.00
- 20 hrs. @ \$60.00/hr.	

Contract Drilling

- per attached invoice	26,833.10
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Typing & Reproduction re Report	50.00
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TOTAL	\$ 37,548.10
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**TRENAMAN MINING SERVICES LTD.**  
 960-625 HOWE ST VANCOUVER, B.C. V6C 2T6 TEL. 604 687 4450

CORE SIZE: NQ	LATITUDE:	DIP AT COLLAR: -45°	HOLE No: 84-1. PAGE 1 OF 7
LOGGED BY: J. PAXTON	DEPARTURE:	DIP TESTS: No	PROPERTY: SABLE
STARTED: AUG 04/84	BEARING: Compass 030°		NTS: 104 P/5E
COMPLETED: AUG 08/84	ELEVATION:	CASING: 0-32 pulled on completion	COLLAR SURVEYED: MARKED: YES

GRAPHIC LOG	STRUCTURE	Ft./M		Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE			SAMPLED		INTER-VAL	CORE LENGTH	CALC. RECOV.	TAG NO	AU ASSAY	WEIGHTED AVERAGE
		FROM	TO		4. STRUCTURE	5. MAJOR MINERALS % OF TOTAL ROCK	6. METALLIC / ACCESSORY MINERALS	7. DIFFERENCES	FROM						
		0	24		Casing										
	31'-1/2" gouge at 70'	24	31	95	1. Ankeritic alteration of greenstone volcanics. 2. Grey-green to tan										
					3. Fine to med. grained equigranular indistinct white 5mm plagioclase xls locally. 4. Massive 5. Plagioclase 25-50										
					clay 10-25 chlorite 10-25 ankerite 25-50										
					6. Nil 7. Ankerite alteration is localized around fractures. It ends ends abruptly at a mud slip at 31'										
			31	32.5	95	1. Greenstone 2. Dk green 3. Fine gr. massive equigranular 4. Massive									
						5. Feldspars 70 chlorite 30 6. Occasional pyrite bleb.									







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HOLE No: 84-1 PAGE 4 OF 7

GRAPHIC LOG	STRUCTURE	Ft./M		Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE			SAMPLED		INTER. VAL	CORE LENGTH	CALC. RECOV.	TAG NO	AU ASSAY	WEIGHTED AVERAGE
		FROM	TO		4. STRUCTURE	5. MAJOR MINERALS	6. METALLIC / ACCESSORY MINERALS	7. DIFFERENCES	FROM						
		115	116	100	1. Ankerite altered volcanics, Alteration										
					is associated with 1/8" quartz veinlets at 60°. Contacts irregular but sharp.										
		116	123	100	1. Greenstone as previous			123	127	4.0	4.0	100			
		123	131	100	1. Ankerite altered volcanics, Similar to previous			127	130	3.0	3.0	100			
					7. Cut by a stockwork of quartz veins up to 1". Numerous wisps and bands of fine pyrite										
					Lower contact is a mud slip at 35°										
		131	132		1. Greenstone as previous										
		132	133		1. Ankerite altered volcanics associated with a 1/2" quartz-carb. veins at 60°										
		133	135		1. Greenstone as previously										
		135	137		1. Ankerite altered volcanics associated with a 3" quartz-carbonate-pyrite vein at 40°			135.0	136.5	1.5	1.5	100			
		137	141		1. Greenstone as previously										

60° - 123'  
 white qtz veinlets  
 Fine pyrite  
 35° - 131





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960-625 HOWE ST VANCOUVER B.C. V6C 2T6 TEL. 604 687 4450

HOLE No: 84-1

PAGE 7 OF 7

GRAPHIC LOG	STRUCTURE	Ft./M		Rec'y %	1. FIELD NAME	2. COLOR	3. TEXTURE	SAMPLED		INTER-VAL	CORE LENGTH	CALC. RECOV.	TAG NO	AU ASSAY	WEIGHTED AVERAGE
		FROM	TO		4. STRUCTURE	5. MAJOR MINERALS % OF TOTAL ROCK	6. METALLIC / ACCESSORY MINERALS	7. DIFFERENCES	FROM						
		280	293		1. Greenstone		Similar to previous								
							4. Ragged quartz veinlets and shearing foliation locally at 30-40' to C.A.								
		293	298		1. Ankeritic alteration of volcanics		Similar to previous								
							6. Numerous chlorite veinlets								
							7. Alteration not as strong as typical.								
			298		End of hole James P. Pong										

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COBE SIZE: NQ	LATITUDE:	DIP AT COLLAR: -47°	HOLE No: 84-2 PAGE 1 OF 7
LOGGED BY: J PAXTON	DEPARTURE:	DIP TESTS: ND	PROPERTY: SABLE
STARTED: AUG 09/84	BEARING: Compass 000°		NTS: 104 P/SE
COMPLETED: AUG 12/84	ELEVATION:	CASING: Pulled	COLLAR SURVEYED: MARKED: YES

GRAPHIC LOG	STRUCTURE	Ft./M		Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE			SAMPLED		INTER-VAL	CORE LENGTH	CALC. RECOV.
		FROM	TO		4. STRUCTURE	5. MAJOR MINERALS	% OF TOTAL ROCK	FROM	TO			
		0	30		Casing							
		30	38		1. Greenstone 2. Grey-green with local brown patches caused by surface oxidation 3. Medium grained. Aggregates of grey plagioclase crystals (1/16" - 1/8") in a dark green, fine grained chloritic groundmass.							
					4. Massive w/ joints 5. Plagioclase 60, chlorite 30-40 quartz? 6. Occasional pyrite. Limonite on joints.							
		38	49		1. Ankerite alteration of greenstone 2. Tan-grey 3. Fine grained equigranular with scattered euhedral pyritohedrons of pyrite							
		49	53		Breccia Zone & Quartz Vein			49	52	3.0	3.0	100
					49-52 Porous breccia of rounded fragments cemented			52	53	1.0	1.0	100

GRAVIM LOG	STRUCTURE	FT./M		Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE			SAMPLED		INTER-VAL	CORE LENGTH	CALC. RECOY.	TAG NO	AU ASSAY	WEIGHTED AVERAGE	
		FROM	TO		4. STRUCTURE	5. MAJOR MINERALS	6. METALLIC / ACCESSORY MINERALS	7. DIFFERENCES	FROM							TO
					with limonite - quartz - chlorite											
					52-53 3" barren quartz vein at 40° to C.A.											
		53	89		1. Ankerite alteration of greenstone similar to previous 7. Pyritohedrons more numerous. Up to 10% of rock.			71.0	73.5	2.5	2.5	100				
					73.0 2" quartz-pyrite vein at 60°											
					76-76.5 3" quartz vein at 45°			73.0	73.5	0.5	0.5	100				
					83.0- 1/2" quartz vein at 30°			73.5	76.0	2.5	2.5	100				
					84.0-85.0 4" quartz vein at 25°			76.0	76.5	0.5	0.5	100				
					86.0 1.5" quartz vein at 40°			76.5	79.0	2.5	2.5	100				
								83	85	2.0	2.0	100				
		89	123		1. Greenstone Similar to previous											
		123	125.5		Breccia Zone. Indistinct, altered fragments cemented with chlorite and quartz.											
					125.5 2" quartz vein at 45°											
		125.5	130		1. Ankeritic alteration of greenstone Similar to previous											
								125.5	130							













**TRENAMAN MINING SERVICES LTD.**  
 960-625 HOWE ST VANCOUVER B.C. V6C 2T6 TEL. 604 687 4450

CORE SIZE: NQ	LATITUDE:	DIP AT COLLAR: -45°	HOLE No: 84-3	PAGE 1 OF 5
LOGGED BY: J. PAXTON	DEPARTURE:	DIP TESTS:	PROPERTY: STABLE	
STARTED: AUG 13/84	BEARING: Compass 300°		NTS: 104 T/SIE	
COMPLETED: AUG 15/84	ELEVATION:	CASING: CASING 0-10' REMOVED ON COMPLETION	COLLAR SURVEYED:	MARKED: YES

GRAPHIC LOG	STRUCTURE	Ft./M.		Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE			SAMPLED		INTER-VAL	CORE LENGTH	CALC. RECOY.	TAG No	AU ASSAY	WEIGHTED AVERAGE
		FROM	TO		4. STRUCTURE	5. MAJOR MINERALS % OF TOTAL ROCK	6. METALLIC / ACCESSORY MINERALS	7. DIFFERENCES	FROM						
		0	12		Casing										
		12	13	50	1. Greenstone 2. Grey-green 3. Subhedral crystals and aggregates up to 1/16" of grey plagioclase in an aphanitic green chloritic groundmass 4. Generally massive 5. Plagioclase 60 Chlorite 30 quartz 10 6. Pyrite, calcite 7. Fine grained										
		13	15	50	1. Ankerite altered volcanics 2. Tan 3. Very fine grained with scattered subhedral pyritohedrons of pyrite 4. Massive 5. Feldspars, clays, carbonates 6. Pyrite 7. Core blocky & broken										
		15	19	70	Quartz Vein White color. Numerous limonite coated fractures. Mud gouge on both contacts at 40°			15	19	4.0	2.0	70			



**TRENAMAN MINING SERVICES LTD.**  
 960-625 HOWE ST VANCOUVER B.C. V6C 2T6 TEL. 604 687 4450

HOLE No: 84-3

PAGE 3 OF 5

GRAPHIC LOG	STRUCTURE	FT./M		Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE			SAMPLED		INTER-VAL	CORE LENGTH	CALC. RECOV.	TAG NO	AU ASSAY	WEIGHTED AVERAGE
		FROM	TO		4. STRUCTURE	5. MAJOR MINERALS	6. METALLIC / ACCESSORY MINERALS	7. DIFFERENCES	FROM						
		51.5	52.5	100	Ankerite altered volcanics										
		52.5	53.5	100	Quartz Vein Fine grained white and barren. Contacts sharp at 45°			52.5	53.5	1.0	0.9	90			
		53.5	57.0	100	Ankerite altered volcanics 7. Pyritohedrons plus numerous pyrite filled fractures										
		59.0	70.5	95	Greenstone: Similar to previous 7. 59-64 Veinlets and alteration by white talc? Core soft and crumbly.										
		70.5	77	100	Ankerite Altered Volcanics Numerous pyritohedrons. Irregular pyritized breccia zones 71.2-71.5, 72.3-72.5. 73.3-73.5 2" quartz vein at 60°			70.5	74.0	3.5	3.2	90			
		77	96	100	Greenstone Similar to previous										
		96	100.8		Ankerite altered volcanics										
		100.8	101.4		Quartz Vein Contacts sharp at 60° Minor sulphide mineralization			100.8	101.4	0.6	0.6	100			







**TRENAMAN MINING SERVICES LTD.**  
 960-625 HOWE ST VANCOUVER B.C. V6C 2T6 TEL. 604 687 4450

COBE SIZE: NQ	LATITUDE:	DIP AT COLLAR: -45°	HOLE No: BA-4, PAGE 1 OF 5
LOGGED BY: J. PAXTON	DEPARTURE:	DIP TESTS:	PROPERTY: SABLE
STARTED: AUG 16/84	BEARING: COMPASS 000°		NTS: 104 P/5E
COMPLETED: AUG 18/84	ELEVATION:	CASING: 0-20 PULLED ON COMPLETION	COLLAR SURVEYED: MARKED: YES

GRAPHIC LOG	STRUCTURE	Ft./M		Rec'y %	1. FIELD NAME 2. COLOR 3. TEXTURE			SAMPLED		INTER-VAL	CORE LENGTH	CALC. RECOV.	TAG NO	AU ASSAY	WEIGHTED AVERAGE
		FROM	TO		4. STRUCTURE	5. MAJOR MINERALS	% OF TOTAL ROCK	FROM	TO						
		0	21		Casing										
		21	27	100	Breccia? Angular fragments up to 6" of grey brown altered andesite in a dark green chloritic groundmass.										
		27	43	90	1. Ankerite altered andesite 2. Pale brown 3. Medium grained consisting of pale grey aggregates of quartz and feldspar 1/16" in a pale brown granular groundmass 4. Massive 5. Ankeritic brown fels 70 Quartz 20 Plagioclase 5, Chlorite 5 6. pyrite 7. Fine to med grain size.										
		43	44		Quartz Vein. 6" T.W. at 70° Coarse subhedral crystal faces and/or fracture planes. Very white and barren. Walls mineralized with pyrite and fine grained tetrahedrite.			43	44	1.0	1.0	100			
		44	45.5		1. Ankerite altered andesite 7. Aphanitic										









**TRENAMAN MINING SERVICES LTD.**  
 960-625 HOWE ST VANCOUVER B.C. V6C 2T6 TEL. 604 687 4450

CORE SIZE: NQ	LATITUDE:	DIP AT COLLAR: -45°	HOLE No: 84-5. PAGE 1 OF 5
LOGGED BY: J. PAXTON	DEPARTURE:	DIP TESTS:	PROPERTY: SABLE
STARTED: AUG 18/84	BEARING: Compass Az 000°		NTS: 104 P/SE
COMPLETED: AUG 19/84	ELEVATION:	CASING: PULLED ON COMPLETION <sup>CASING 0-20'</sup>	COLLAR: SURVE

GRAPHIC LOG	STRUCTURE	FT./M		REC'y %	1. FIELD NAME 2. COLOR 3. TEXTURE 4. STRUCTURE 5. MAJOR MINERALS % OF TOTAL ROCK 6. METALLIC / ACCESSORY MINERALS 7. DIFFERENCES							SAMPLED		INTER-VAL	CORE LENGTH	CALC. RECON
		FROM	TO		FROM	TO										
		0	20		Casing											
		20	34		1. Greenstone 2. Green 3. Subhedral crystals and aggregates of pale grey plagioclase (1/32"-1/16") in a fine grained green groundmass of intimately mixed chlorite, feldspar and quartz 4. Massive with numerous chlorite filled fractures. 5. Feldspar 70% chlorite 20% Quartz 10% 6. Pyrite magnetite.											
		34	37		1. Ankerite altered greenstone 2. Tan 3. Very fine grained equigranular with scattered euhedral pyritohedrons of pyrite up to 1/4" 4. Massive 5. Feldspar, clay, ankerite, 6. Pyrite, limonite											

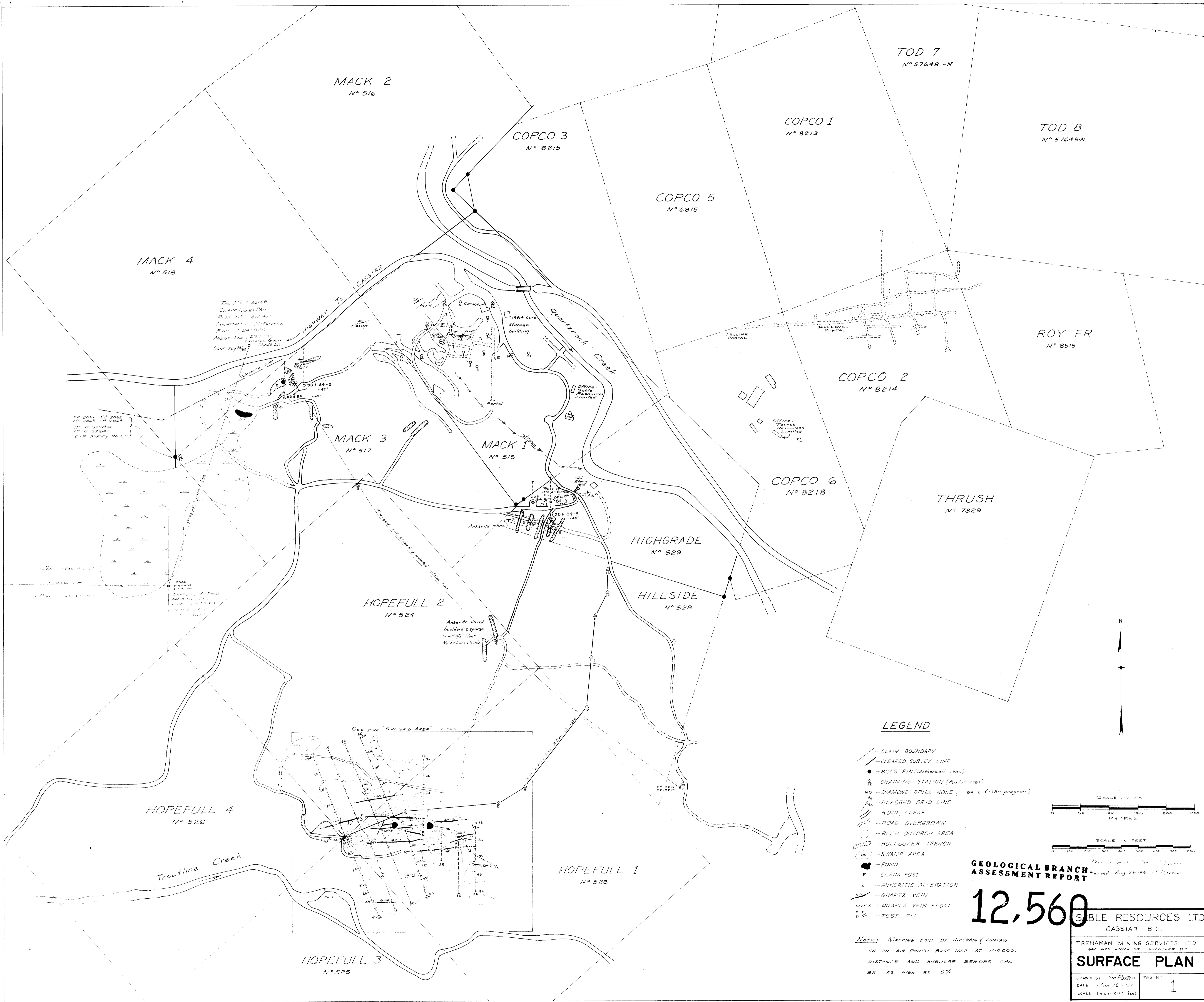








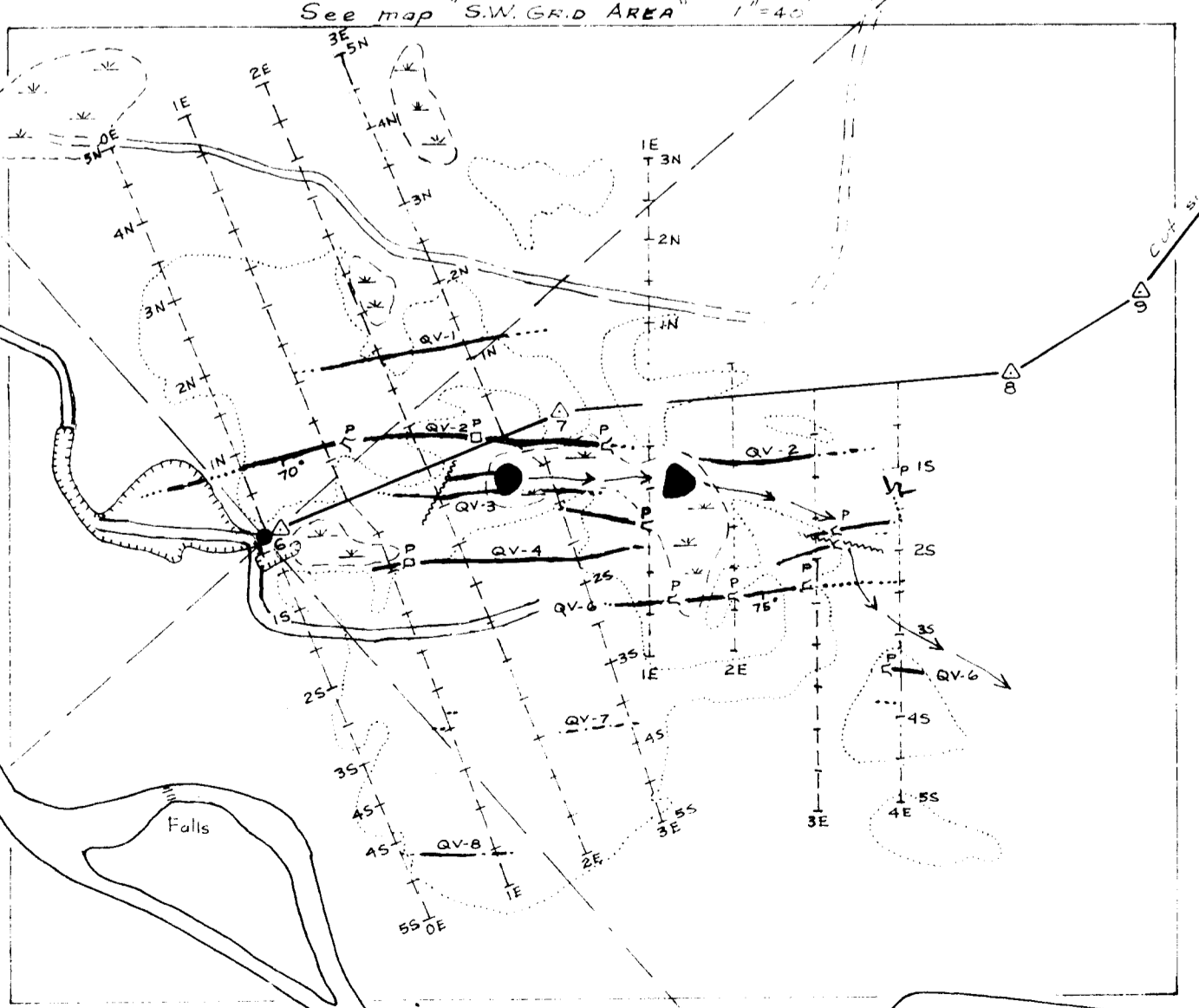




Tag No. 36448  
 CLAIM NUMBER 517  
 DATED 1984  
 LOCATED BY J. J. PAXTON  
 PLAN 1:25000  
 AGENT FOR: SUBSURFACE RESOURCES LTD.  
 DATE: Aug 24/84

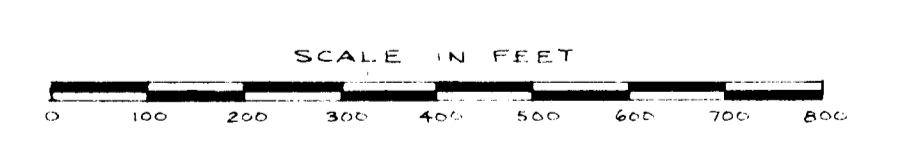
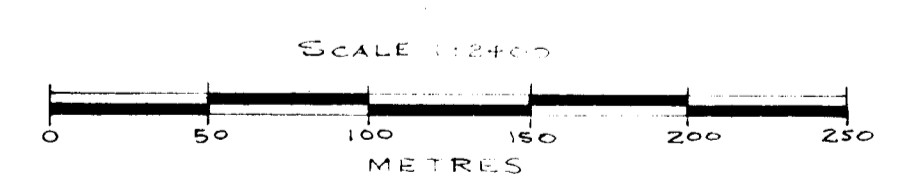
FP 2061 FP 2062  
 FP 2063 FP 2064  
 FP B 52090  
 FP B 52091  
 C.P. SURVEY POINT

DEAN  
 H-47010  
 H-47011  
 EXAMINE: J. J. PAXTON  
 AGENT FOR: SUBSURFACE RESOURCES LTD.  
 DATE: Aug 24/84



**LEGEND**

- CLAIM BOUNDARY
- CLEARED SURVEY LINE
- BCLS PIN (Motherwell 1980)
- CHAINING STATION (Paxton 1984)
- ◇ DIAMOND DRILL HOLE, 84-2 (1984 program)
- FLAGGED GRID LINE
- ROAD, CLEAR
- ROAD, OVERGROWN
- ROCK OUTCROP AREA
- BULLDOZER TRENCH
- SWAMP AREA
- POND
- CLAIM POST
- 2 ANKERITIC ALTERATION
- QUARTZ VEIN
- QUARTZ VEIN FLOAT
- TEST PIT



**GEOLOGICAL BRANCH ASSESSMENT REPORT**  
 Revised Aug 24/84 J.J. Paxton

**12,560**

**NOTE:** Mapping done by HITCHIN & COMPASS  
 ON AN AIR PHOTO BASE MAP AT 1:10000.  
 DISTANCE AND ANGULAR ERRORS CAN  
 BE AS HIGH AS 5%

SUBSURFACE RESOURCES LTD CASSIAR B.C.	
TRENAMAN MINING SERVICES LTD. 960, 655 HOWE ST. VANCOUVER B.C.	
<b>SURFACE PLAN</b>	
DRAWN BY: Jim Paxton	DWG NO:
DATE: Feb 16 1985	1
SCALE: 1 inch = 200 feet	