

Original

82-218-10408

Silver Bar Resources Ltd

PROSPECTING

REPORT ON THE

VALARIE MINERAL CLAIM

COLEEN MINERAL CLAIM

HEATHER MINERAL CLAIM

RUTH MARY MINERAL CLAIM

LA ROSE REVERTED C.G.M.C.'s

LOCATED AT ALICE ARM B.C.

ON THE KITSALT RIVER

SKEENA MINING DIVISION

N.T.S. 103P/12E

LAT: 55° 34'N LONG: 129° 32'W

SILVER BAR RESOURCES LTD

PO BOX 190 SAANICHTON BC

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
10408

BY

STEPHEN A SALAGA

APRIL 5th, 1982

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INTRODUCTION

The following report describes a work program for the year 1981 on the Britannia, Britannia No.1, Britannia No.3, St. Eloi, and La Rose No. 2 reverted Crown Granted Mineral Claims commensurate with the Valerie, Coleen, Heather and Ruth Mary Mineral Claims each of 20 units covering the reverted Crown Grants and open ground in the vicinity.

The property has been investigated by A.R. Bullis P.Eng and Stephen Salaga both directors of Silver Bar Resources Ltd and by E.M. Wilson P.Eng of Vancouver B.C.

The proposed program for 1981 was basically exploration of the vast unreported open ground surrounding the reverted Crown Grants, together with investigation of old workings, rehabilitation of old trails and establishment of a base camp. The program was basically a preliminary investigation of the property with limited prospecting.

PROPERTY

The property owned by Silver Bar Resources Ltd in the Alice Arm area consists of the following mineral claims. They are indicated in sketch #3 which is part of the topographical map 103P/12E

Britannia Reverted Crown Grant	Recorded Number L4245	2899
Britannia No.1 Reverted Crown Grant	Recorded Number L4246	2900
Britannia No.3 Reverted Crown Grant	Recorded Number L4247	2901
St. Eloi Reverted Crown Grant	Recorded Number L4248	2990
La Rose No.2 Reverted Crown Grant	Recorded Number L4249	2902

Valerie Mineral Claim	Recorded Number 24880
Coleen Mineral Claim	Recorded Number 24881
Heather Mineral Claim	Recorded Number 41223
Ruth Mary Mineral Claim	Recorded Number 45770

The 4 staked mineral claims, each 20 units in area cover the Crown Grants and open ground in the vicinity. They are shown on sketch #3 which is part of topographical map 103P/12E.

LOCATION AND ACCESS

The property is located at Lat. $55^{\circ} 34' N$ and Long. $129^{\circ} 32' W$ and is shown on map reference NTS 103P/12E. The central portion of the property (camp site) is at an altitude of about 2200 feet above sea level and lies on the east slope of Tsimstol Mountain between La Rose and Klayduc Creeks. It is about 6 miles distant from Alice Arm.

The property is serviced by an all weather logging road which follows the Kitsault River, final access is by trail originally built as a pack horse trail in 1918. The trail leaves the main road just before Klayduc Creek and winds up the hillside taking advantage of flat ledges and lesser grade slopes. The area is serviced by Vancouver Island Helicopter Ltd from Alice Arm and Stewart. Regular float Plane service is provided by BC Air from Prince Rupert.

While the area is isolated with access by Helicopter, Air Craft, and Boat, a road is under construction connecting the Alice Arm area with the main highway that connects with the Stewart-Cassiar highway. This should make access practical reducing costs of exploration and development.

HISTORY

The property was worked in a small way by its owners who made small shipments of ore in 1918 and 1919. In 1920 the Alice Arm La Rose Mining Company, Limited, was formed to operate the mine and commenced active development in 1925. Ore was shipped in 1926 and 1927, but since then the property has remained idle. In all, 79 tons of ore have been shipped and yielded 15 ounces of gold, 15,579 ounces of silver and 2,688 pounds of lead.

<u>YEAR</u>	<u>TONS SHIPPED</u>	<u>GOLD OUNCES</u>	<u>SILVER OUNCES</u>	<u>LEAD POUNDS</u>
1918	11	1	1,543	
1919	22	3	6,157	
1926	42	10	7,111	2,348
1927	<u>4</u>	<u>1</u>	<u>768</u>	<u>340</u>
TOTAL	79	15	15,579	2,688

GEOLOGY

The property is located close to the eastern edge of the Coast Range Batholith. The host rock is folded argillite and interbedded highly altered igneous rock that may be a fine grained andesite. The rocks are cut by lamphrophyre dykes that also cut the mineral deposits. The argillites strike northwest and dip 50 degrees to the northeast. The mineral showings occur in a vein filling a fracture that strikes in a north south direction dipping steeply eastward. The surface expression of the shear zone is a well marked, shallow gully along the hillside. The property contains a profusion of shear zones and faults crossing the property on vertical and horizontal planes.

DEVELOPMENT

The property was first worked in a small way in 1918 and 1919. Initial work consisted of a 130 foot long drift and a 20 foot shaft. The shaft was sunk on high grade ore which continued to the face. A crosscut was driven in 1922 for a distance of 420 feet intersecting the vein about 150 feet below the upper workings. The vein was drifted to a point under the shaft, the mineralization in the drift was poor, a raise connecting the drift to the shaft encountered high grade ore some 20 feet above the drift. A sub level was established, ore stoped from the sublevel was sorted with 42 tons shipped returning \$100.00 per ton with values mainly in silver.

MINERALIZATION

The vein varies from a few inches to 3 feet in width and consists of quartz, arsenopyrite, pyrite, chalcopyrite, pyrrhotite, sphalerite, galena, tetrahedrite, native silver, and probably silver sulfides. On the Speculator #2 mineral claim a vein following the same shear is 2 feet wide contains similar mineralization and in places is nearly solid sulphide. This showing is about 3000 feet to the south of the La Rose workings.

PROGRAM 1981

The program commenced June 1st, 1981 and completed July 25th, 1981. The number of personnel varied from a high of 6 to a low of 2 during various stages of the program. The program was under direction of Stephen A Salaga, a director with responsibilities for exploration and development.

Phase 1

Phase 1 consisted of low level photography from Vancouver Island Helicopter using a Cannon 35mm camera shooting the area on north south flight lines. Random filming was conducted to highlight areas of general interest. Three lens were used, 28mm, 55mm, and 90 - 230 zoom.

Phase 2

Helicopter landing site preparation comensurate with camp facilities were established in a flat area on the St. Eloi claim. The camp was serviced by Vancouver Island Helicopters.

Phase 3

The old workings were not entered due to the build up of snow in the area. Water was a problem in the workings, little would be accomplished in dewatering, samples were taken from the dumps and exposed area with the view of scientific curiosity rather than meaningful assay. Visually the material remaining in the dumps contained abundant sulphides including galena, tetrahedrite, native silver, pyrite and an unidentified mineral similar to tetrahedrite, perhaps a silver antimony sulfide. The shear containing the vein was followed, trenches dug, and general prospecting of the area. The trails were rehabilitated giving good access to the central area. Evidence showed previous work of recent date but no drill core was found in an area beleived to have been investigated with shallow drilling. No drilling was done during this program. Investigation of the main old working affirmed the possibility of the shear to extend several thousand feet and a subsequent program using geophysical methods such as Self Potential and Rhonka E.M. surveys should be complete in the main area. The overburden is extensive and geochemical sampling should be carries out along the shear zone area.

Phase 4

Active helicopter logging was being done on the Valerie and Ruth Mary claims. Old workings were observed from the air at altitude 1000 ft in the south easterly portion of the Ruth Mary claim. These workings were cleaned exposing a small vein of about 1 to 2 ft in width containing an ore shoot of about 4 inches with abundant sulphides. The vein lies in argillite strikes in a northerly direction and dip eastward. Attempts to trace the vein were hampered due to recent logging.

On the Valerie claim a vein of about 6 feet in width was found on the north side of Klayduc Creek. The vein is at an altitude of about 1500 feet, strikes North 35° West and dips northeasterly at about 50°. The vein follows a shear in argillites for a length of over 3000 feet. The shear is about 10 feet in average width containing a vein composed of quartz and calcite averaging in width 6 feet, the remainder of the shear is composed of quartz intermixed with bed rock. Mineralization in most of the exposed area was slight to barren. Many old workings were found, cleaned and reexamined. On the higher cuts good looking material was found carrying sparse to good sulfides.

Phase 5

The Coleen and Heather claims were difficult to prospect due to the extensive cover of melt snow. Aerial reconnaissance by Vancouver Island Helicopter disclosed several shear zones running in several directions, some of these shears were investigated, no new mineralized zones were found.

PERSONNEL

Stephen A Salaga in charge

A.R. Bullis P.Eng

E.M. Wilson P.Eng

R.W. Rhodes

Craig Dalziel

John R. Krushnisky

COST OF PROGRAM

Helicopter (Vancouver Island Helicopters invoice 30176, 30177 and 30155)	\$ 3094.30
Engineering <i>(No engineering in this report)</i>	5700.00
Wages	7000.00
Food and Lodging	828.28
Air Travel Fixed Wing	2523.00
Camp Supplies and hardware	637.17
Explosives	150.57
Transportation Misc (3 x 2 1981 GMC, gas, etc)	1200.00
	<u>21,133.42</u>
Administration Expencc and overhead	2,500.00
Contingency fund	1,000.00
Government filing	400.00
	<u><u>\$ 25,033.42</u></u>
	<u>19333.42</u>

COST BREAKDOWN BY PERCENTAGES

Reverted Crown Granted Mineral Claims (5)	25%	4833.36
Valarie Mineral Claim (20 units)	30%	
Ruth Mary Mineral Claim (20 units)	25%	
Coleen Mineral Claim (20 units)	10%	
Heather Mineral Claim (20 units)	10%	

PERSONNEL

Stephen A Salaga CD BA incharge, A.R. Bullis P.Eng, E.M. Wilson P.Eng,
Richard Rhodes BA, Craig Dalziel, John R Krushnisky.

COST OF PROGRAM BY PROPERTIES

BRITANNIA, BRITANNIA NO 1, BRITANNIA NO 3, ST. ELOI, LA ROSE NO 2

Helicopter service including low level air photography	\$ 773.58
Photography interpretation	475.00
Wages: camp construction, dump, sampling, trenching displacing about 3.06 M ³ , & reclamation	1,750.00
Food and Lodging	207.07
Camp Supplies and Hardware	159.29
Explosives	37.64
Air travel to dispersal site	630.75
Support service transportation 3x2 1981 GMC incl. gas etc	300.00
Surface study and geological interpretation	950.00
Cost of report writing	625.00
Office overhead	250.00
Government filing costs	25.00
	<hr/>
TOTAL	\$ 6,183.33
	<hr/>
TOTAL PER CLAIM --5	\$ 1,236.66
	<hr/> <hr/>

REQUIRE
\$ 500
TOTAL
5 RCGMC

VALARIE AND RUTH MARY CLAIMS OF 20 UNITS EACH

	VALARIE	RUTH MARY
Helicopter service including low level air photography	\$ 928.29	\$ 773.58
Photography interpretation	570.00	475.00
Wages: <u>trenching Valarie displacing about 9.14 M³, trail clearing Ruth Mary and trenching displacing about 2.04 M³, and about 1828 M line cutting.</u>	<u>2,100.00</u>	<u>1,750.00</u>
Food and Lodging	248.48	207.07
Camp supplies and hardware	191.15	159.29
Explosives	45.17	37.64
Air travel to dispersal site	756.90	630.75
Support service transportation 3x2 1981 GMC incl. gas etc	360.00	300.00
Surface study and geological interpretation	1,140.00	950.00
Cost of report writing	750.00	625.00
Office overhead	300.00	250.00
Government filing costs	100.00	100.00
	<hr/>	<hr/>
TOTAL	\$ 7,166.99	\$ 6,258.33
	<hr/> <hr/>	<hr/> <hr/>

Physical work.

COLEEN AND HEATHER CLAIMS OF 20 UNITS

REQUIRE \$2,000 (20 UNITS) \$ 2,000 (20 UNITS)

Costs of Coleen \$2,355.66 and Heather \$2,355.66 were spent but not itemized since it was decided not to continue holding these claims, hence they were dropped.

NONE REQUIRED

RECOMMENDATIONS AND CONCLUSIONS

1. Low level aerial photography during july/august of all mineral claims with special attention to shears known to contain veins.
2. Geophysical investigation of the claims using geophysical methods such as Self Potential and Rhonka E.M. commensurate with general geochemical sampling
3. Geological mapping from aerial photography and ground investigation.
4. Tracing known vein structures by trenches where possible.
5. Expand existing horse trail to 4 wheel drive service road.

The area is large, a program of prospecting is required to confirm continuity of veins and vein structures. Overburden is deep with few outcrops in the lower area, geological mapping is required with emphasis on structural control. The veins observed while strongstructurally contain sparse mineralization with the exceptions being the original dump material and the small shoot of ore on the Ruth Mary Claim. At current market prices for precious metals, nothing of commercial grade ore was located.

Evidence of mineralization being found in several locations on the Mineral Claims suggest that with a program of ground prospecting and geological mapping, together with corrilation of previous information, an ore body of commercial importance could exist in one or more areas.

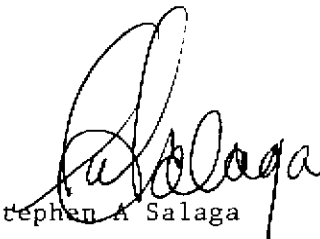
CERTIFICATE OF QUALIFICATIONS

1, Stephen A Salaga do hereby certify that:

1. I am a professional prospector with residence at 2683 Tanner Rd.,
Victoria, BC
2. I hold two certificates in Geology from the University of
Saskatchewan years 1950 and 1951. I have an equivalent
University degree granted by the Government of Canada 1966.
3. I have served my profession in the following companies:
NOREX RESOURCES LTD Director and Officer exploration and
development responsibilities 1967 - 1972
AMCA INDUSTRIES LTD Director and Officer 1973 - 1974
ABACUS INDUSTRIES LTD Exploration and development manager
1977 - 1979
SILVER BAR RESOURCES LTD Director and Officer Exploration and
development responsibilities 1980-present
SALAGA DEVELOPMENT CORPORATION (formerly Stephen A Salaga and
associates) Exploration and development
1965 to present.
4. I am a shareholder of Silver Bar Resources Ltd holding Direct
and indirect common shares.

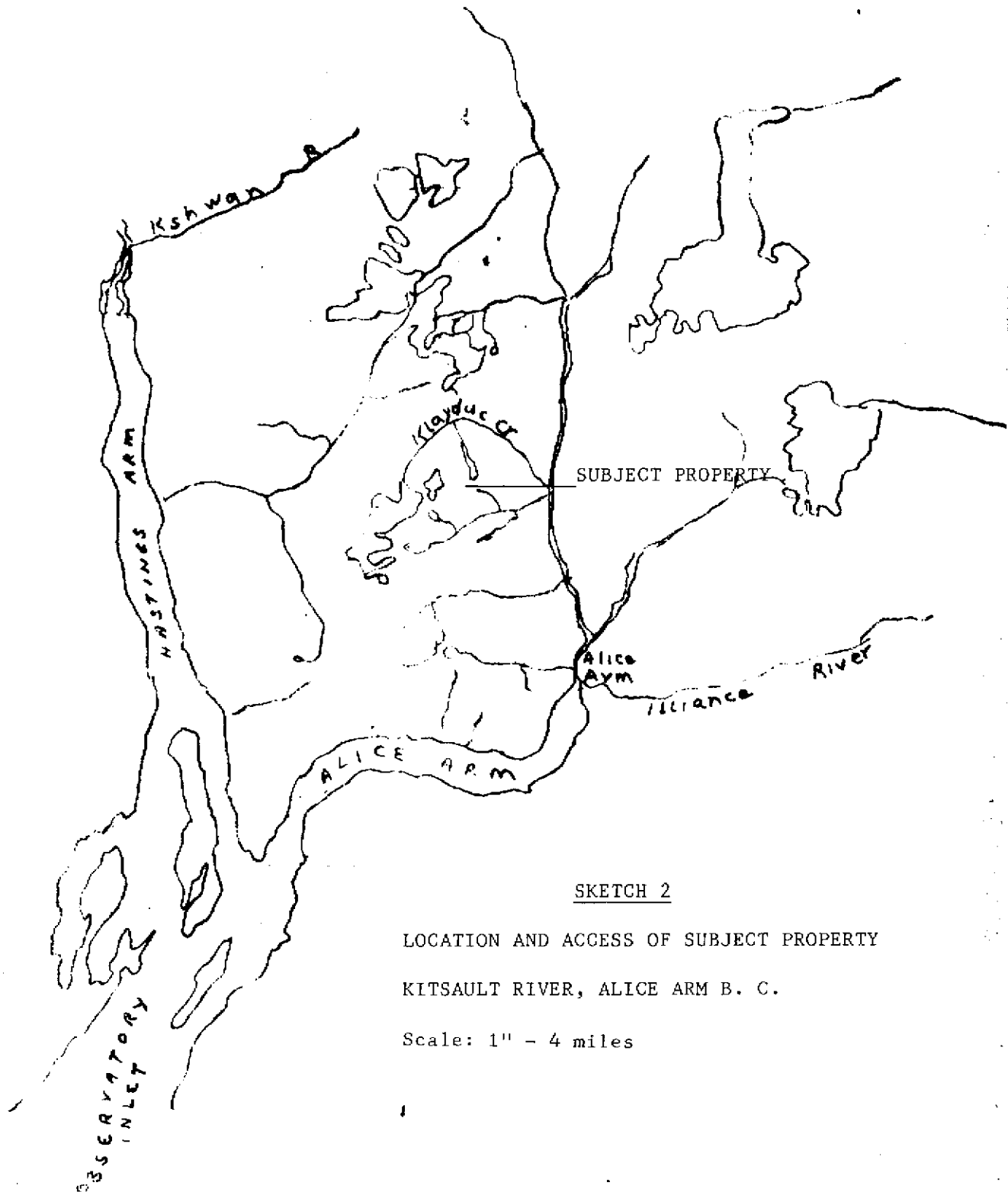
Victoria, British Columbia

April 5th, 1982.


Stephen A Salaga

REFERENCES AND REPORTS

- Minister of Mines BC Reports 1916, 1917, 1918, 1919, 1920, 1921,
1925, 1928, 1931
- Hanson George Portland Canal Area, British Columbia 1935
- Hanson George Geological Survey of Canada Report 1928 part A
- Wilson E.M. Geological report La Rose Group July 27 1981

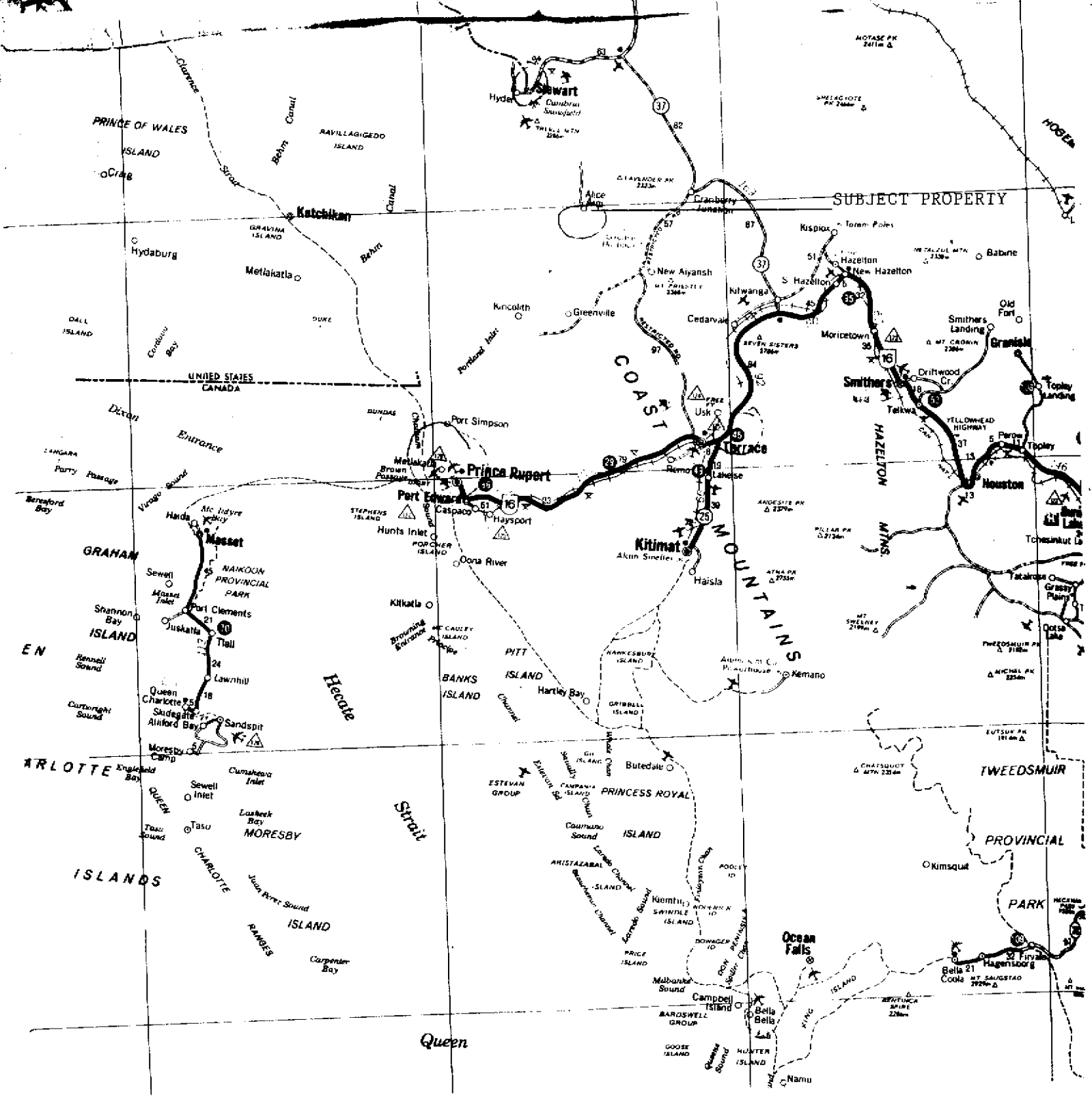


SKETCH 2

LOCATION AND ACCESS OF SUBJECT PROPERTY

KITSUAULT RIVER, ALICE ARM B. C.

Scale: 1" = 4 miles

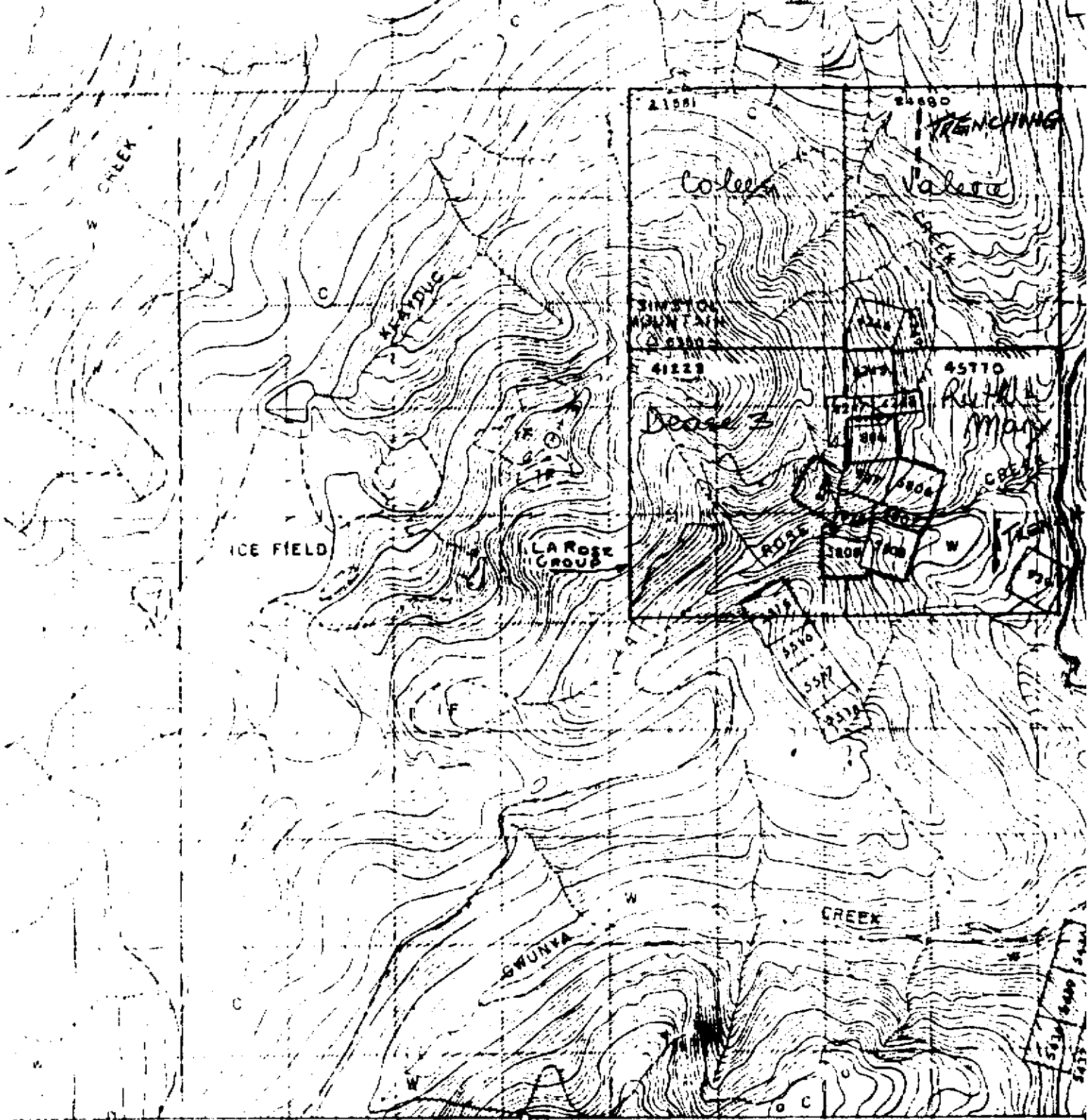


SKETCH 1

LOCATION AND ACCESS MAP

HOLDINGS OF THE COMPANY

ALICE ARM B. C.



SILVER BAR RESOURCES LTD

SKETCH 3

LOCATION AND HOLDINGS

LA ROSE GROUP

ALICE ARM, B.C.

From Claim Map 103P/12E

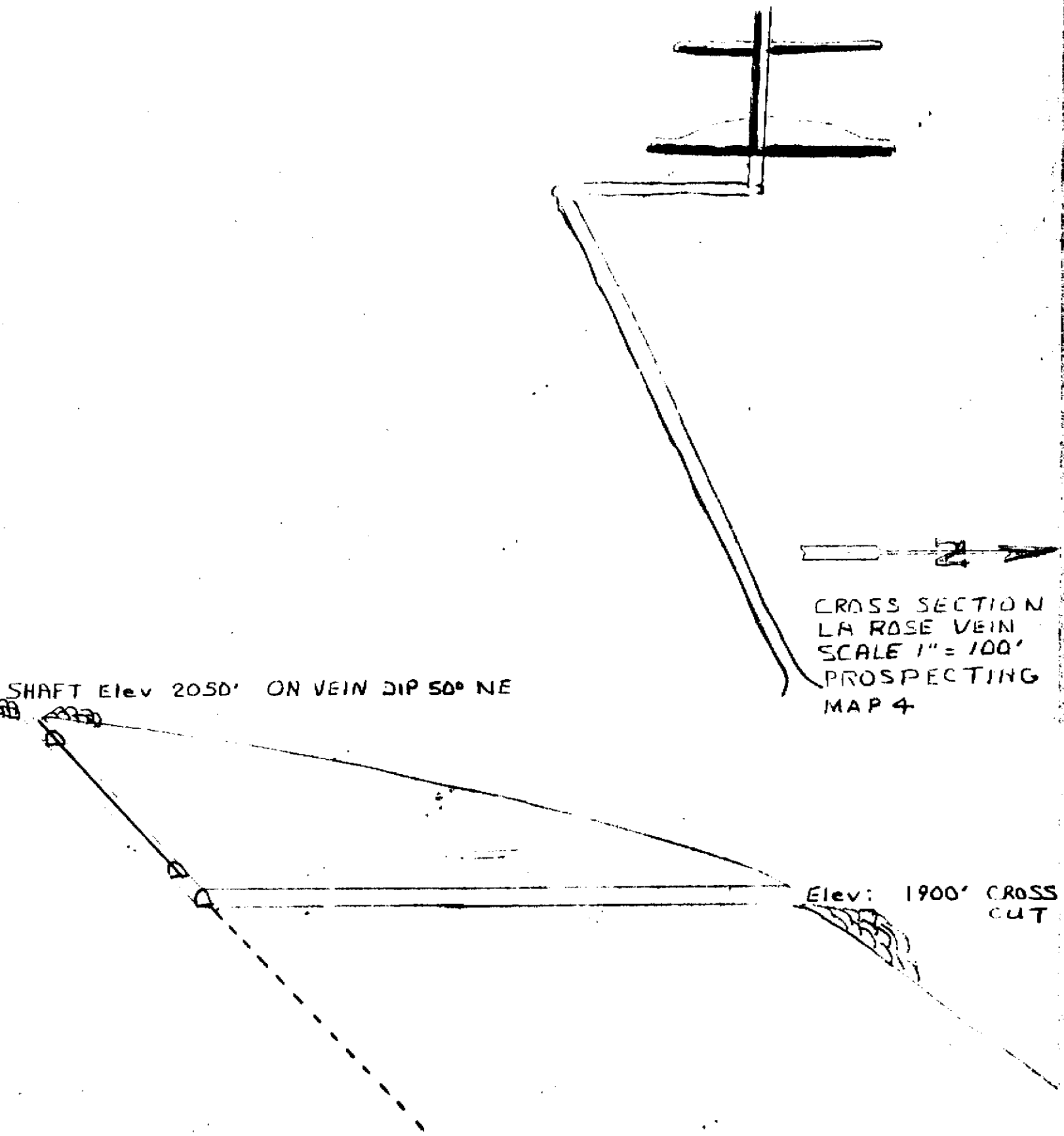


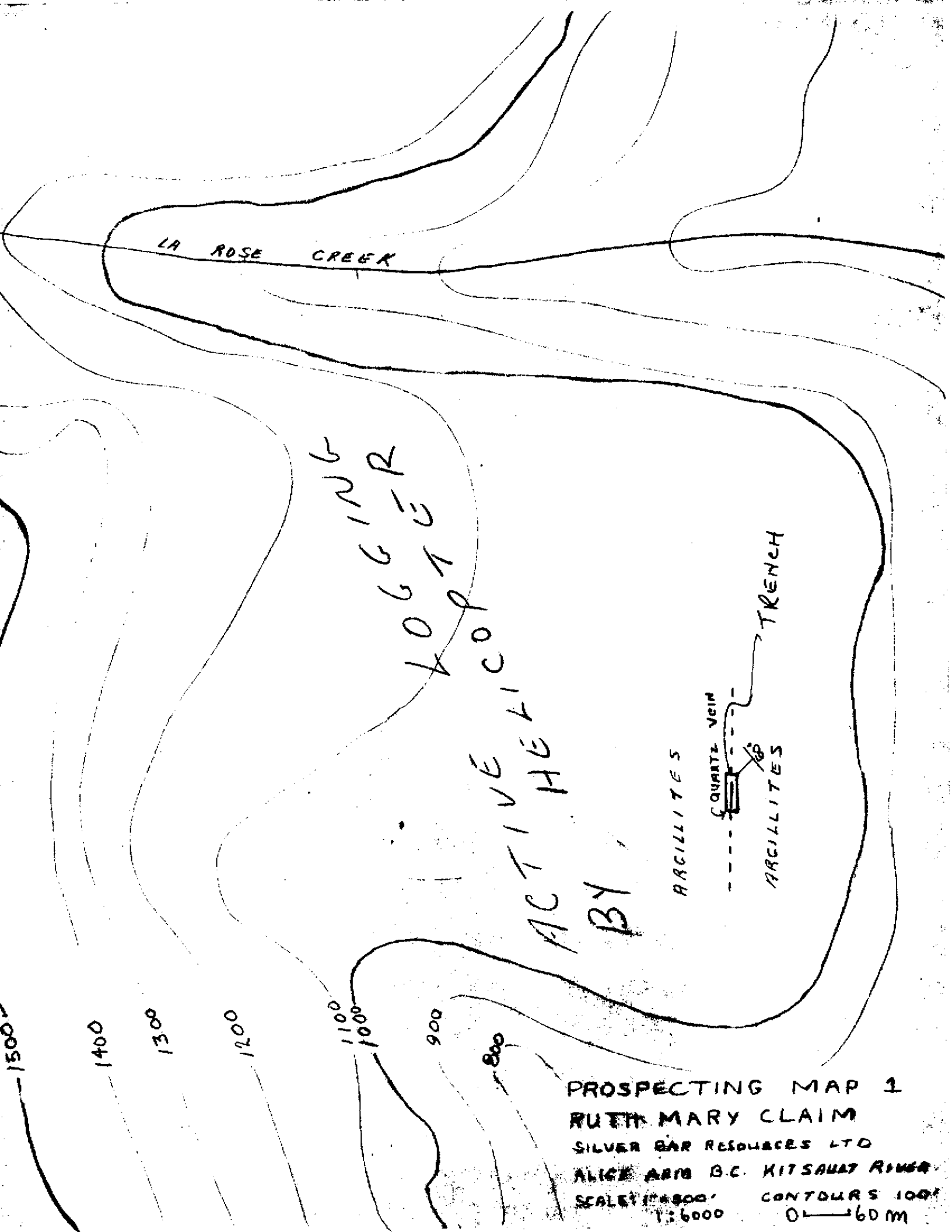
Scale in Miles

SHAFT Elev 2050' ON VEIN DIP 50° NE

CROSS SECTION
LA ROSE VEIN
SCALE 1" = 100'
PROSPECTING
MAP 4

Elev: 1900' CROSS
CUT





LA ROSE CREEK

LOGGING
COPPER

ACTIVE HELICOPTER
BY

TRENCH

ARGILLITES

QUARTZ VEIN

ARGILLITES

1500
1400
1300
1200
1100
1000
900
800

PROSPECTING MAP 1
RUTH MARY CLAIM

SILVER BAR RESOURCES LTD

ALICE ARM B.C. KITSQUAT RIVER

SCALE 1:6000

CONTOURS 100'

0 60 m

ACTIVE LOGGING
BY HELICOPTER

KLAYDUC CREEK

1100
1000
900
800
700
600
500
400
300
200
1000

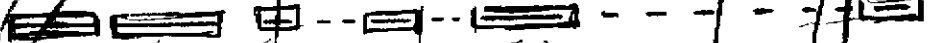
1150
1200

1300

1400
1500

ARGILLITES

6" QUARTZ VEIN IN 10' SHEAR OVER 3000' LONG



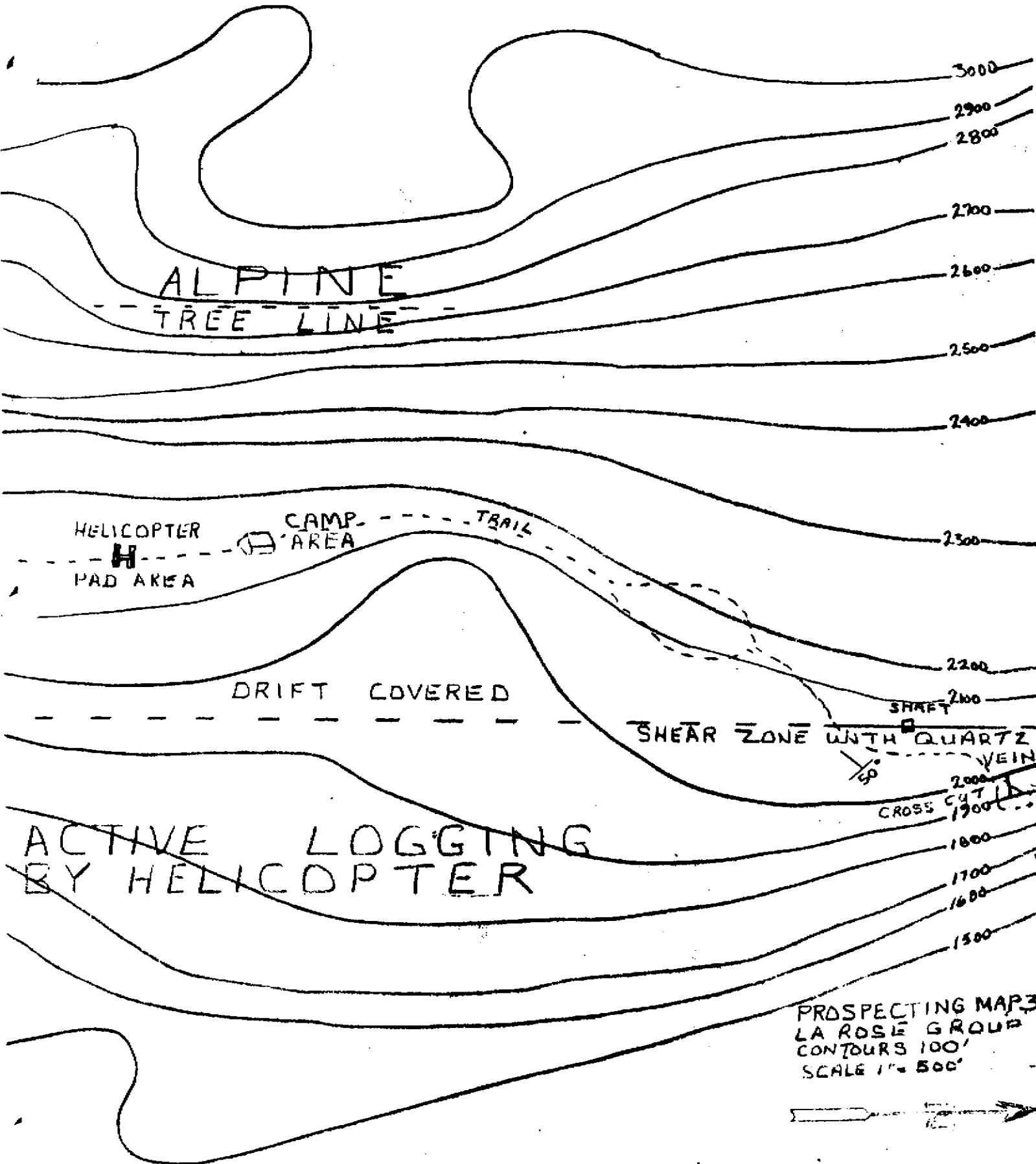
TRENCHING

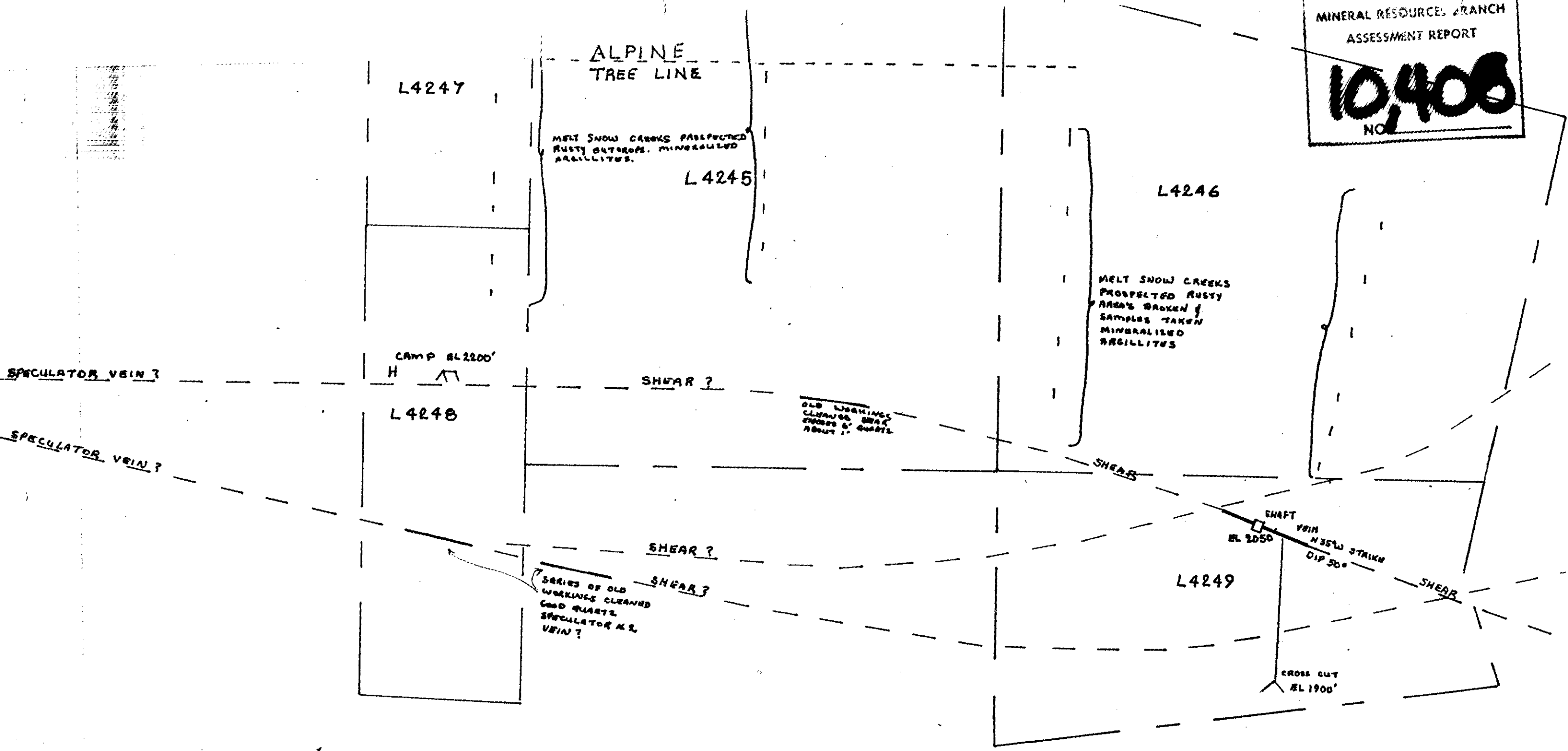
50°

ARGILLITES

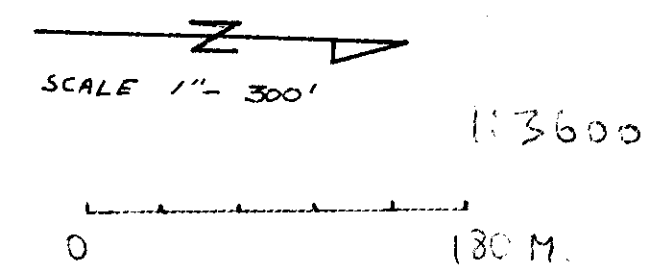
PROSPECTING MAP 2
VALERIE MINERAL CLAIM
SILVER BAR RESOURCES LTD

SCALE 1" = 500' CONTOURS 100'
1:6000 0 60 m





ACTIVE HELICOPTER LOGGING



113600