

82LSE055-07

82L/IW
82LSE055

REPORT

ON THE

004493

LYNX CLAIM (16 UNITS)
RECORD NO. 685(8)
TRAPP CREEK-KETTLE RIVER
KEEFER LAKE AREA
VERNON MINING DIVISION
CHERRYVILLE, BRITISH COLUMBIA

N. Lat. 50°06'

N. Long. 118°23'

For

HI-COR RESOURCES LTD.
5316 Fleming Street
Vancouver, British Columbia

PROPERTY FILE

By

DONALD W. TULLY, P. ENG.

October 4, 1979

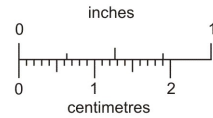
West Vancouver, B.C.

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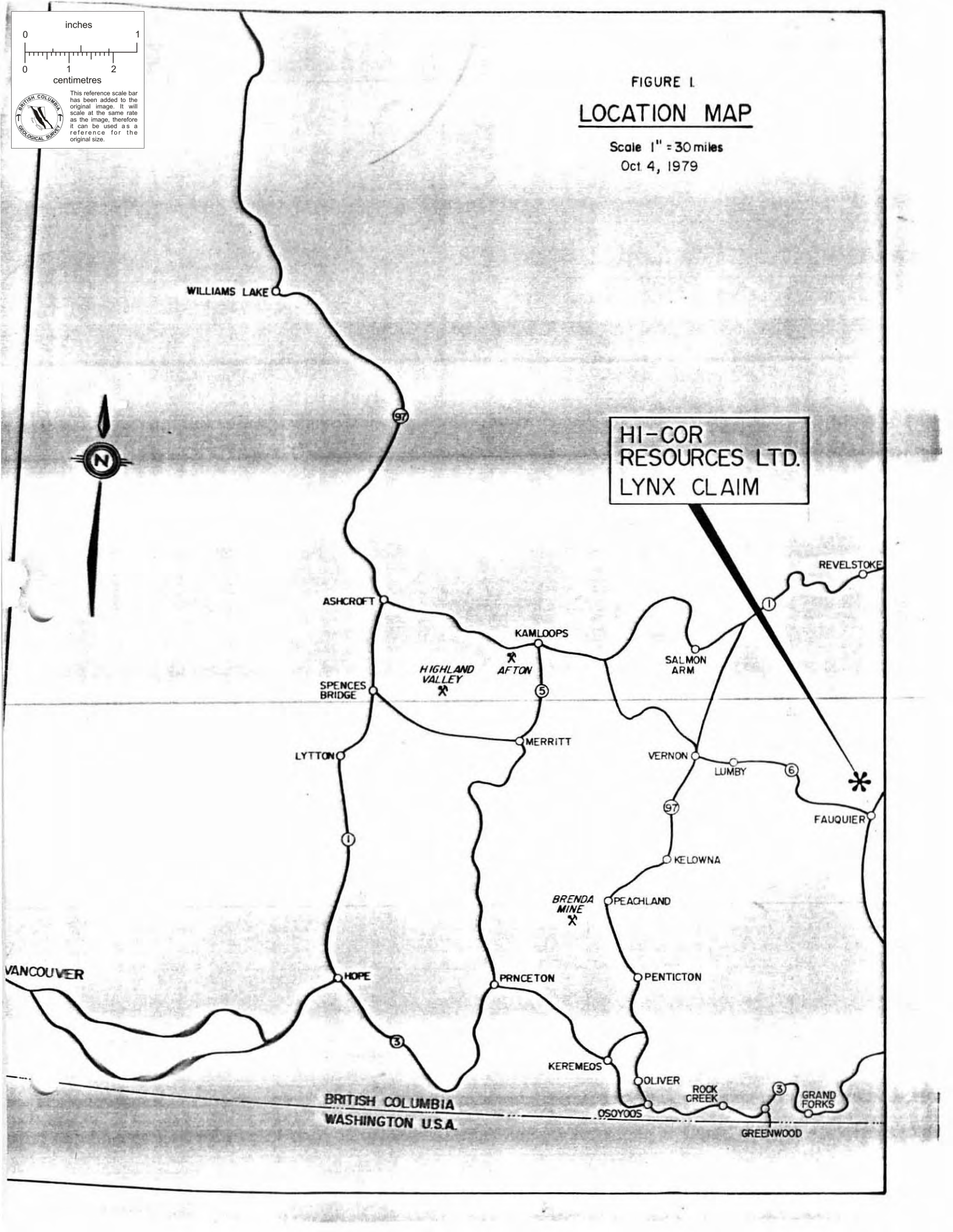


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FIGURE 1 LOCATION MAP

Scale 1" = 30 miles
Oct 4, 1979



INTRODUCTION

This report was prepared at the request of HICOR RESOURCES LTD., 5316 Fleming Street, Vancouver, British Columbia.

The property was examined on September 20, 1979 and forms the basis for this evaluation.

The purpose of this report is to assess the mineral potential of the LYNX Mineral Claim for mine-making possibilities.

A program of mineral exploration is recommended.

SUMMARY AND CONCLUSIONS

The property comprises sixteen units covering about 800 acres. It is located some 45 road miles east of Lumby, British Columbia, near Trapp Creek on the Keefer Lake road, in the Vernon Mining Division.

Road access within one mile of the ground is excellent.

The property was formerly the Kismet, Mountain View, Iron Ball, Snowdrop and Dewdrop claim group. Around 1933, a 75-foot adit was driven into the brow area of a south-facing slope. Substantial values in gold were reported across narrow widths. The workings have caved-in. Apparently the ground was staked in 1965-66 but there is no evidence of recent work or diamond drill testing.

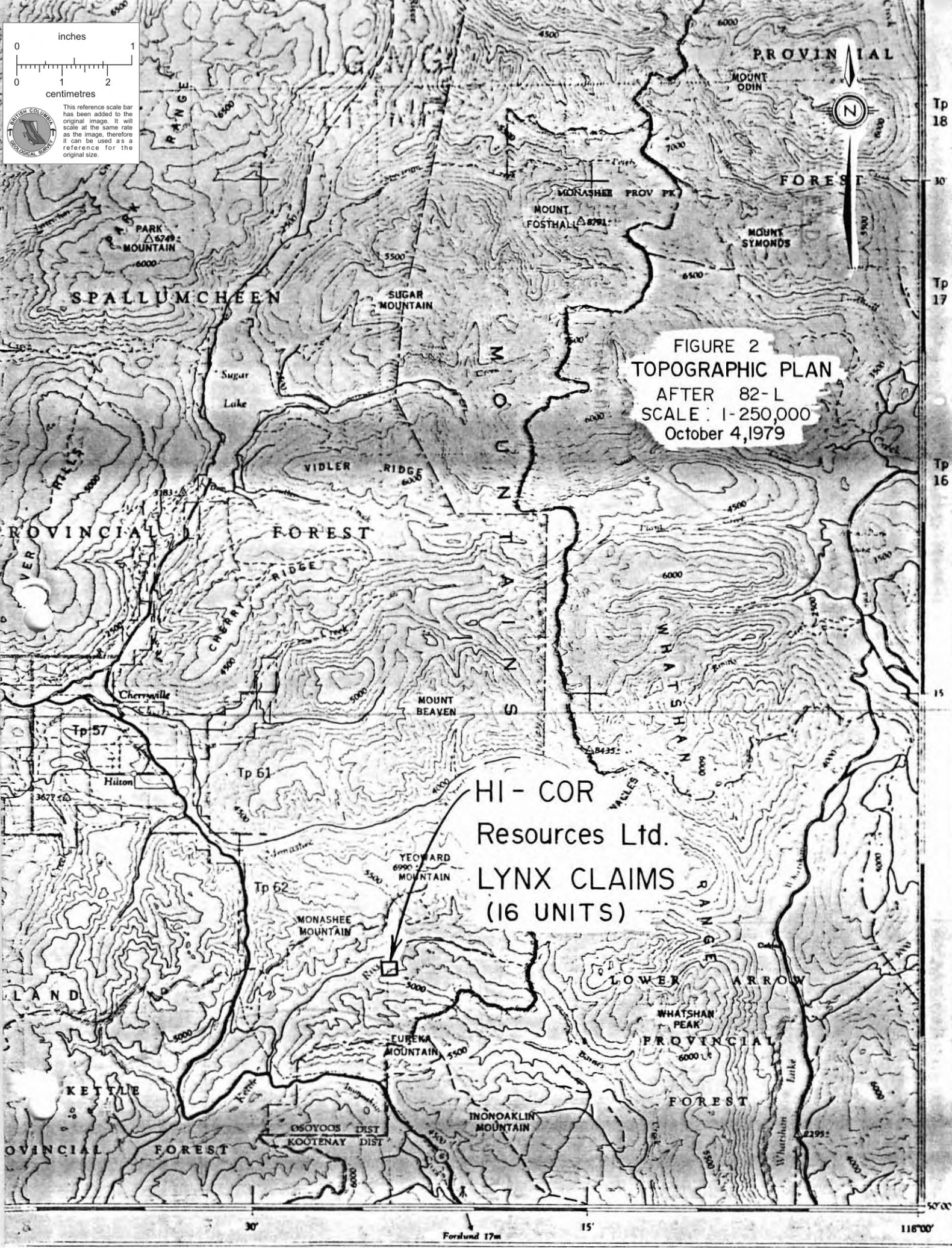
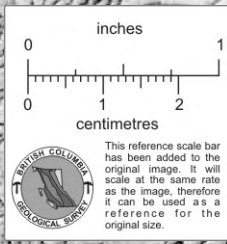


FIGURE 2
 TOPOGRAPHIC PLAN
 AFTER 82-L
 SCALE: 1-250,000
 October 4, 1979

HI-COR
 Resources Ltd.
 LYNX CLAIMS
 (16 UNITS)

Tp 18
 30
 Tp 17
 Tp 16
 15
 50'00

It is proposed to trench the former workings and the surrounding area for mineralized exposures. A sample taken across a one-foot width at the portal of the former Kismet adit assayed 0.315 ozs. in gold and 0.51 ozs. in silver. It is also recommended the area of the former workings be tested by five diamond drill holes.

The estimated cost of the proposed program of exploration is \$60,032.

PROPERTY - LOCATION, ACCESS, PHYSIOGRAPHY

The LYNX Mineral Claim consists of sixteen units situated about one mile south of the Keefer Lake road. The road distance along Highway 6 from the town of Lumby to the Keefer Lake road turn-off is thirty-eight miles, thence some seven miles (12 Km) to a bridge crossing the Kettle River. A bush road leads southward from this point towards the property.

Most of the ground covered by the LYNX claim is lightly forested with poplar, spruce, fir and some cedar.

The northern sector of the property is a plateau around elevation 5200 - 5600 feet above sea-level. A steep south-facing slope occupies the central part of the claim. A creek flows westward through the central and southern portion of the ground around elevation 4700 and controls the drainage pattern of the local area.

CLAIMS

The LYNX mineral claim comprises sixteen contiguous units located in the Vernon Mining Division about one

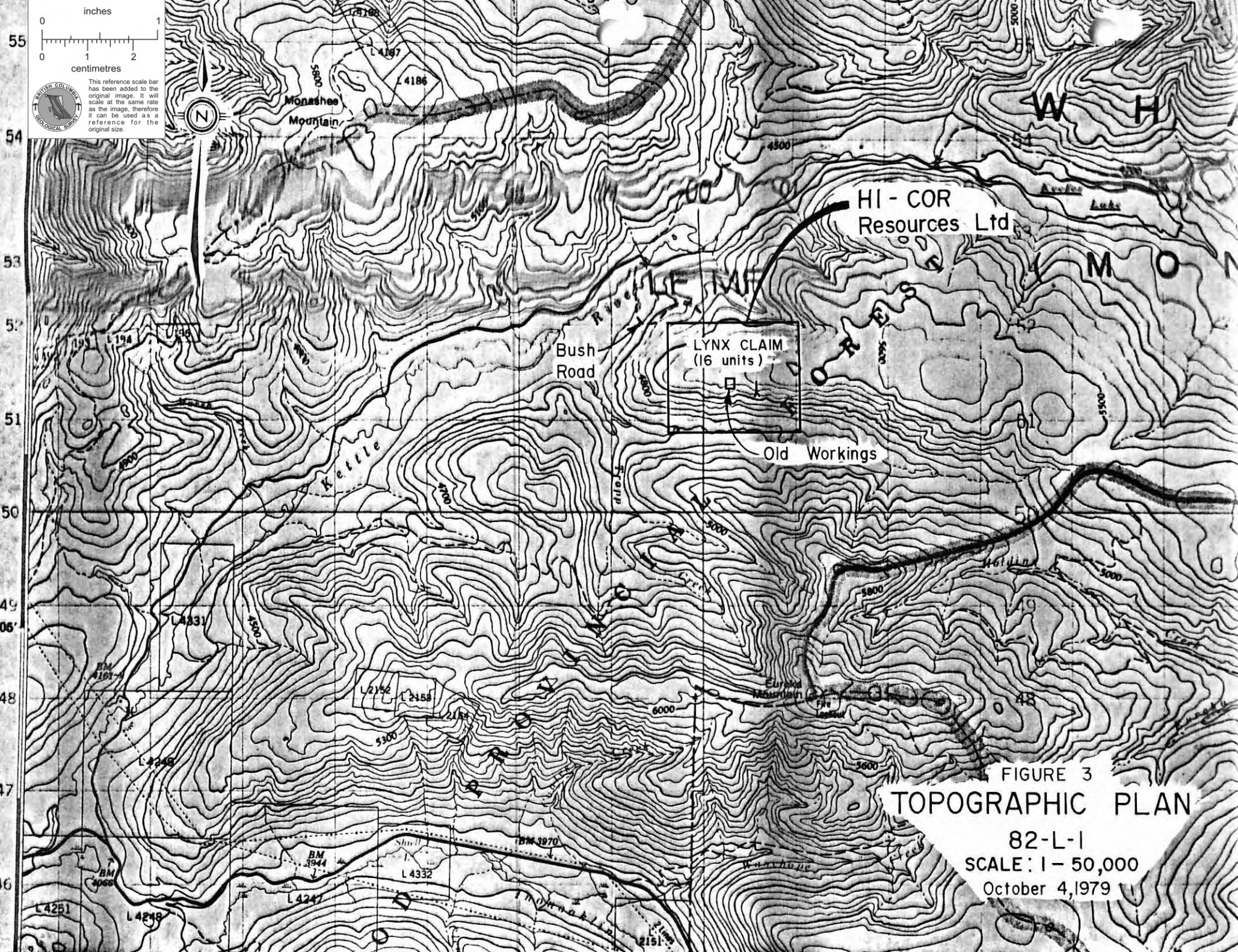
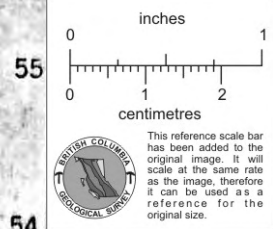


FIGURE 3
TOPOGRAPHIC PLAN
 82-L-1
 SCALE: 1 - 50,000
 October 4, 1979

and one-half miles (3 km) southwest of Keefer Lake. Information on file with the British Columbia Ministry of Mines and Petroleum Resources is as follows:

<u>Claim Name</u>	<u>Record Number</u>	<u>Record Date</u>	<u>Recorded Holder</u>
LYNX (16 units)	685(8)	August 27, 1979	Malcolm G. Mooney

The total area is about 824 acres or 334 hectares.

The claim is shown on British Columbia Ministry of Mines and Petroleum Resources Mineral Claim Map 82-L-1W.

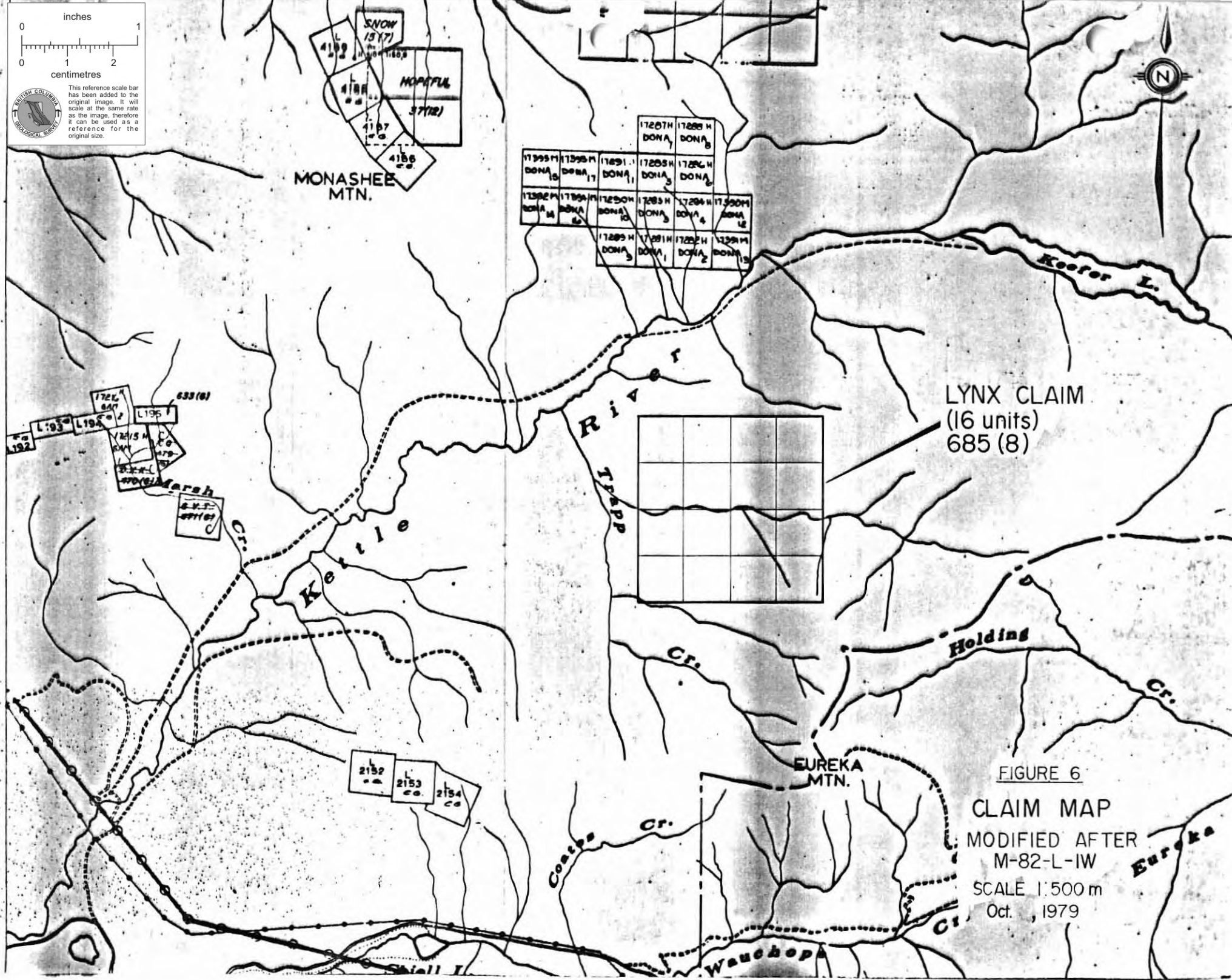
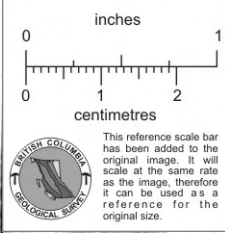
HISTORY - PREVIOUS DEVELOPMENT

The history of the former Kismet, Mountain View, Iron Ball, Snowdrop and Dewdrop claims is somewhat obscure. The reference in the Report of the Minister of Mines, 1933 on page 156, gives some detail on the old workings as follows:

" Kismet

This group, including the Kismet, Mountain View, Iron Ball, Snowdrop, Dewdrop, and three other claims, and owned by A.O. Holmes, M.J. Doran, O.L. Willoughby, and associates, of Lumby, is situated on the north side of Trap creek, which flows into the Kettle river from the east, about 5 miles up-stream from the road crossing. The claims can be reached by trail 6 miles long. On the Kismet, in addition to numerous open-cuts, a 75-foot tunnel has been driven on a quartz vein in granite. The vein is from 6 inches to 3 feet in width and strikes in a northerly direction, while dipping steeply to the east. At the mouth of this drift the 3-foot vein is much oxidized and free gold can be panned. In the face of the drift the vein, 22 inches wide, contains

TO WEST SEE MAP 82L/2E

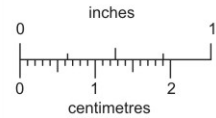


LYNX CLAIM
(16 units)
685 (8)

FIGURE 6
CLAIM MAP
MODIFIED AFTER
M-82-L-IW
SCALE 1:500 m
Oct. 1979

" mostly pyrite, arsenopyrite, and lesser amounts of galena. A chip-sample across the face assayed: Gold, 1.04 oz per ton; silver, 0.06 oz per ton. The quartz appears to be widening on a fault in the face. On the surface, about 50 feet above and north of the tunnel, the vein has evidently split and the cuts show several stringers. On the Iron Ball, downhill and to the south-west, other quartz veins containing pyrite and arsenopyrite striking slightly east of north have been uncovered. It is possible that these may intersect the tunnel vein to the north. About 700 feet west of the Kismet and 200 feet lower, a 30-foot open-cut has uncovered a shear-zone $4\frac{1}{2}$ feet wide containing pyrite, pyrrhotite, and lesser amounts of arsenopyrite in a gangue of quartz and disintegrated granite. On the Dewdrop, west of the Iron Ball, open-cuts have uncovered north-striking quartz fissure-veins containing similar minerals in granite. Some free gold was panned in the oxidized ore.

Several cuts to the east of the Kismet tunnel have uncovered other fissure-veins in the granite, a 3-inch stringer assaying: Gold, 1 oz per ton; silver, 1 oz per ton. On the Mountain View, adjoining the Kismet on the south, downhill, several cuts and a 30-foot tunnel have been driven on an extremely sheared and faulted quartz vein in the altered limestone and argillite beds, remnants of which lie in contact with the granite in an easterly and westerly direction along the foot of the hill sloping towards Trap creek. It appears probable that the section of vein in these workings has been pushed downhill by the granite intrusive and is probably the top part of one of the fissures found above. Picked samples of the ore carry good values in gold and silver.



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LYNX
CLAIM
(16 Units)
PINNACLES

FIGURE 5

REGIONAL GEOLOGY
(AFTER G.S.C. MAP I059A)
SCALE : 1"=4 miles

October 4, 1979

30

15

118°00'

50°00'

15

30'

" The mineralization seen consisted of pyrite, galena, and jamesonite. A dense, highly altered siliceous igneous rock is found in the neighbourhood of the workings. This may possibly be an offshoot from the granite batholith.

The area covered by these claims and underlain chiefly by granitic rocks has undoubtedly been fissured by numerous quartz veins carrying gold and silver, and, although comparatively narrow, they appear to warrant further exploration in the hope of finding wider ore-bodies that will pay to mine. "

Old claim posts near the adit on the Kismet had claim tags dated in 1965 and 1966.

REFERENCES

Publications containing information pertinent to the LYNX claim area are:

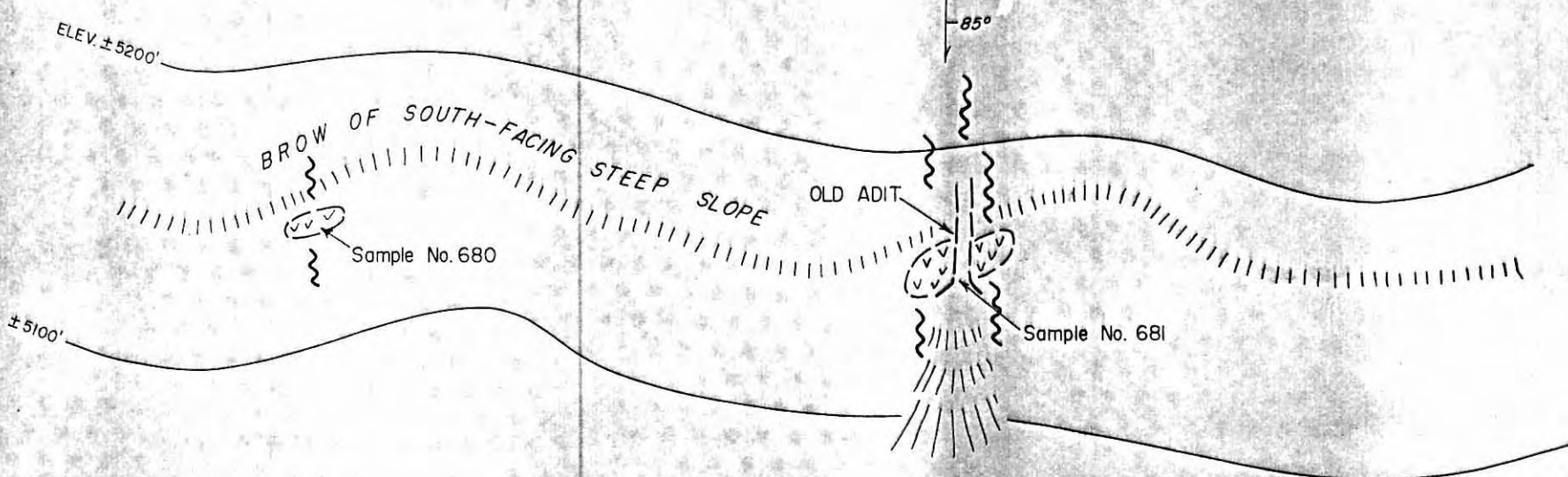
Annual Report of the Minister of Mines, British Columbia,
for the year 1933 - p. 156
Geological Survey of Canada Memoir 296-p
Geological Survey of Canada Map 1059A
Geological Survey of Canada Open File 637

REGIONAL AND LOCAL GEOLOGICAL SETTING


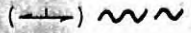
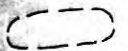

The regional geology is shown on Geological Survey of Canada Map 1059A, Vernon, (Figure 4). Rock outcrop is sparse over the Lynx claim but the overburden may be relatively shallow.



← OPEN PLATEAU AREA →



LEGEND

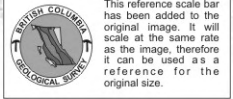
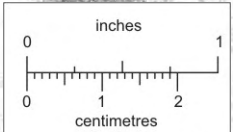
-  Oxidized Granitic Intrusive
-  Shear Zone (Strike and Dip)
-  Open Cut
-  Rock Dump

NOTE - All distances approximate only

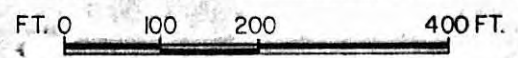
FIGURE 6

HI-COR RESOURCES LTD.

SKETCH PLAN OF SOME OF
FORMER KISMET SHOWINGS
ON LYNX CLAIM
MONASHEE MTN.
VERNON M.D.



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October 1, 1979

Donald W. Tully, P. Eng

The property is underlain by granitic rocks of Jura-Cretaceous age. A tentative table of formations on the ground is as follows:

<u>Formation</u>	<u>Description/Event</u>	<u>Age</u>
Sand, gravel and local glacial debris	Unconsolidated	Quaternary
	Erosional Unconformity	
Mineralization, quartz veining	Gold, silver, arsenopyrite, pyrite, galena and chalcopyrite	Probably Tertiary (?)
	Shearing, faulting and related tectonic activity	
Granitic intrusives		Jura-Cretaceous

Shearing trends north-south with dips nearly vertical in the two rock exposures seen on the property.

MINERALIZATION

Bedrock outcrops are sparse. Where exposed by the former workings the sericitized granitic rock is rusty-weathering as a result of the oxidation of the pyrite disseminated through the granite groundmass. Boulders in the overburden along the south-facing slope in the area of the Kismet workings are rusty-weathering.

A small excavation about 700 feet west of the former Kismet adit showed a bluish-grey quartz in a granite boulder. The bedrock was poorly exposed and a selected grab sample of the quartz vein material and the pyritized host rock was taken. It assayed:

Sample # 680

Gold - Trace

Silver - Trace

The former Kismet showing consists of an adit driven almost due north near the top of the south-facing slope. The adit shows a quartz-filled shear zone about 75 feet in length. The shear carries quartz across widths that vary between a few inches up to three feet. The shear dips vertical to steeply east. A sample taken near the portal of the adit across a one-foot width assayed:

Sample # 681

Gold - 0.315 ozs.

Silver - 0.51 ozs.

RECOMMENDATIONS

A two-stage program of exploration is recommended.

It is proposed that bulldozer trenching be done in the area of the existing mineralized zones. Overburden appears to be rather shallow in the area of the former Kismet Showing. The extension of the known zones and a search for new occurrences is recommended along the south-facing slope both east and west as well as below the Kismet adit and on the former Iron Ball, Mountain View, Snowdrop and Dewdrop claims.

Diamond drill exploration is recommended to test the downward projection and strike extension of the zones expected to be uncovered as a result of the proposed bulldozer trenching.

ESTIMATED COST OF THE PROPOSED WORK PROGRAM

Bulldozer Work

Mobilization and demobilization	\$ 800	
Road access to jobsite and trenching 12 days x 12 hours/day x \$78/hour	11,232	
Camp, supplies, helper wages for two weeks	<u>3,000</u>	\$15,032

Diamond Drilling

Five BQ size wireline core drill holes each 300 feet in length @ \$25/foot	37,500	
Supervision, core-handling, assaying, camp costs, travel and engineering @ 20% of \$37,500	<u>7,500</u>	<u>45,000</u>

Total Estimated Cost		<u><u>\$60,032</u></u>
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Respectfully submitted,



Donald W. Tully, P. Eng.

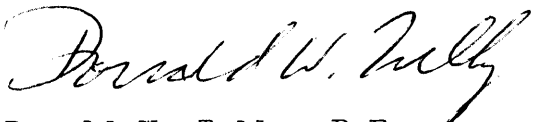
October 4, 1979

CERTIFICATE

I, DONALD WILLIAM TULLY, of the City of West Vancouver, Province of British Columbia, hereby certify as follows:

- 1) I am a Consulting Geologist with an office at Suite 102, 2222 Bellevue Avenue, West Vancouver, B.C.
- 2) I am a registered Professional Engineer of the Provinces of British Columbia and Ontario.
- 3) I graduated with a degree of Bachelor of Science, Honours Geology, from McGill University in 1943.
- 4) I have practiced my profession for thirty-four years.
- 5) I have no direct, indirect or contingent interest in the shares of Hi-Cor Resources Ltd., or the Lynx (16 unit) Mineral Claims, subject of this report, nor do I intend to receive any interest.
- 6) This report dated October 4, 1979, is based on a personal field examination I made on September 20, 1979, and from information gathered from available maps and reports.
- 7) I have examined the claim posts in the field and find them in accordance with the requirements of the Mineral Act.
- 8) Written permission is required from the author to publish this report dated October 4, 1979 in any Prospectus or Statement of Material Facts.

DATED at West Vancouver, Province of British Columbia, this 4th day of October, 1979.


Donald W. Tully, P.Eng.
Consulting Geologist



GENERAL TESTING LABORATORIES

DIVISION SUPERINTENDENCE COMPANY (CANADA) LTD.

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA V6A 1W2
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TO:
DON TULLY ENGINEERING LTD.
102 - 2222 Bellvue Avenue
West Vancouver, B.C.
V7V 1C7
Hi-COR

(KISMET) LYNX CLAIM
CERTIFICATE OF ASSAY

No.: 7909-2151 DATE: Sept. 28/79

We hereby certify that the following are the results of assays on: Ore

MARKED	GOLD	SILVER	XXX	XXX	XXX	XXX	XXX	XXX
	oz/st	oz/st						
680	trace	trace						
681	0.315	0.51						

Pd
Receipt No. 5743

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L. Wong

PROVINCIAL ASSAYER

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