

MAP No.

ASSESSMENT REPORT
N. M. E. A. P.
CONFIDENTIAL
OPEN FILE

XX

TYPE OF
WORK: PROSPECTUS

106-D

REPORT FILED UNDER	Lenora Syndicate	DOCUMENT NO 062019
DATE PERFORMED	1975	DATE FILED: November 18, 1975
LOCATION - LAT. LONG.	64 05 N	AREA: Keno, Mayo Dist. Y.T.
	135 11 W	
CLAIM NO.		
	BUT claims	
VALUE \$		
WORK DONE BY	D. C. Malcolm	
WORK DONE FOR	Lenora Syndicate	
REMARKS	The claims are underlain by Keno Hill quartzite, schist and greenstone. The veins on Rambler Hill and silver-lead veins similar to those found on Keno Hill and occur in fracture zones in steep dipping fault zones. Geological mapping, geochemical survey and bulldozer trenching to search for silver-lead veins are recommended.	

PROSPECTUS
V. S. E.

REPORT

06 2019

ON

LENORA SYNDICATE

BUT CLAIMS

MAYO MINING DIVISION

YUKON TERRITORY

D.C. MALCOLM, P. Eng.,
Consulting Geologist

Vancouver, B.C.
November 18, 1975

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LENORA SYNDICATE
BUT CLAIMS
MAYO MINING DIVISION
YUKON TERRITORY

SUMMARY

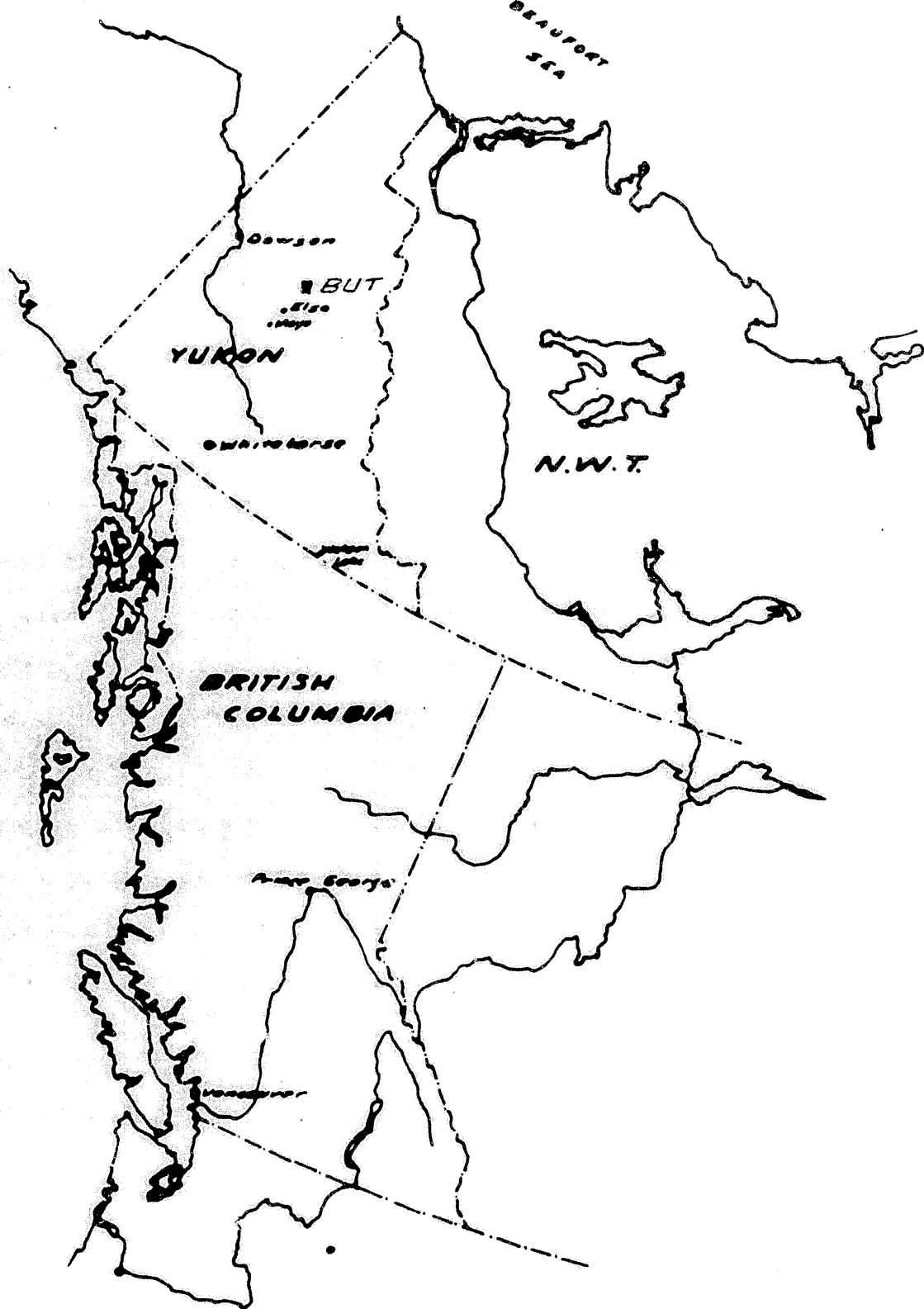
The LENORA SYNDICATE has staked six But claims to cover a gossan zone on Rambler Hill in the Davidson Range in the Keno area of the Yukon. The claims are underlain by Keno Hill quartzite, schist and greenstone. The veins on Rambler Hill are silver-lead veins similar to those found on Keno Hill and occur in fracture zones in steep dipping fault zones. They contain galena, sphalerite, chalcopyrite and pyrite in a gangue of quartz and siderite. The surface expression of these veins is a gossan zone similar to that found on the But claims.

I recommend geological mapping, a geochemical survey and bulldozer trenching to search for silver-lead veins on the But claims.

LOCATION

Latitude: 64°05' North
Longitude: 135°11' West
Elevation: 4,200 to 4,500 Feet

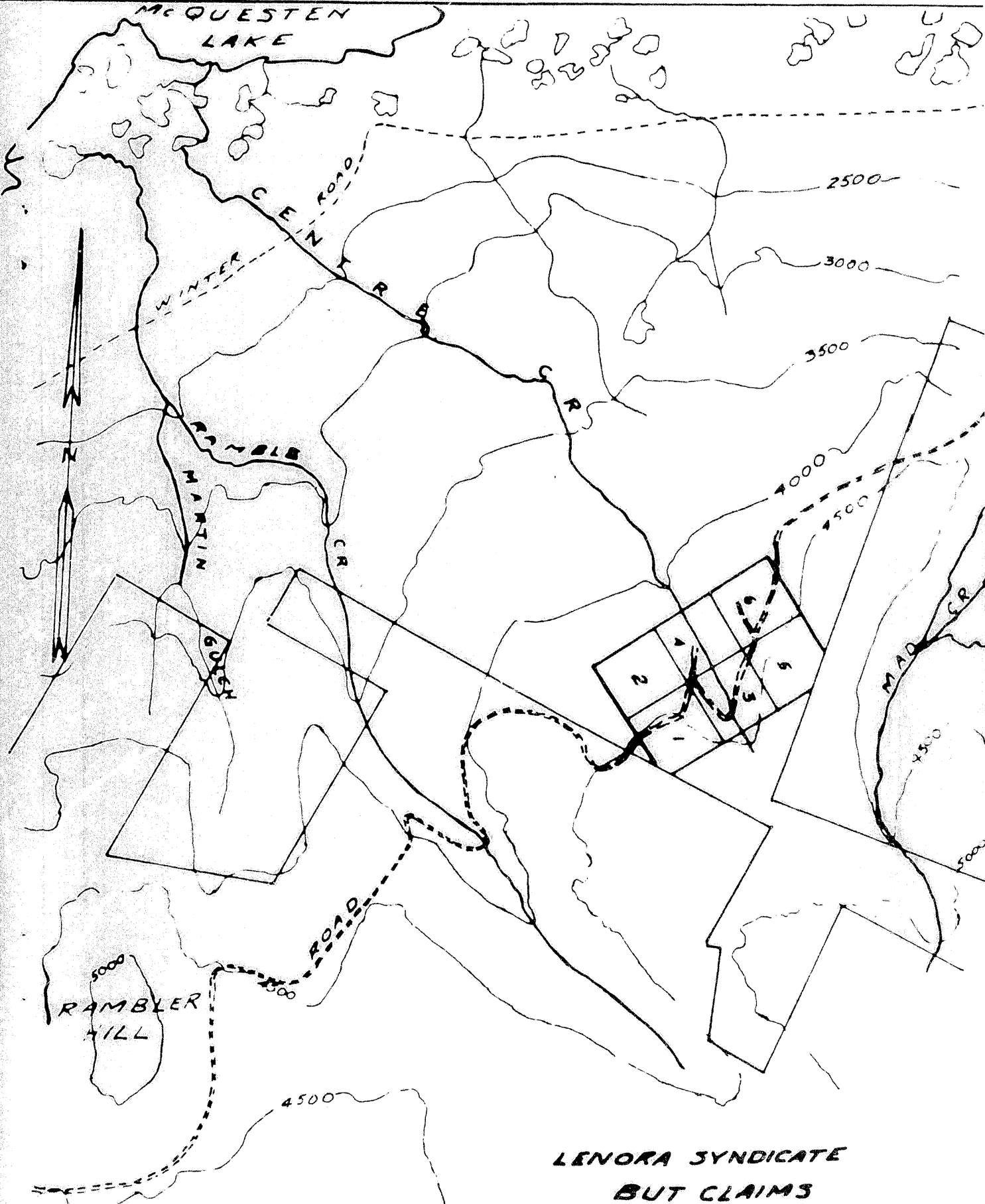
PACIFIC OCEAN



LOCATION PLAN

BUT CLAIMS

Scale 1" = 225 Miles



**LENORA SYNDICATE
 BUT CLAIMS**

Scale 1 1/2 Miles

The claims are 18 miles by road northeast of Elsa via the Hanson Lake-McQueston Lake road and by BULLION MOUNTAIN'S Rambler Hill-Clark Lake road.

The claims can be reached by Jeep or by helicopter from Elsa and Mayo.

TOPOGRAPHY

The But claims are staked at timberline in open country on both sides of Centre Creek. Small spruce trees extend to the claims to elevations of 4,200 feet.

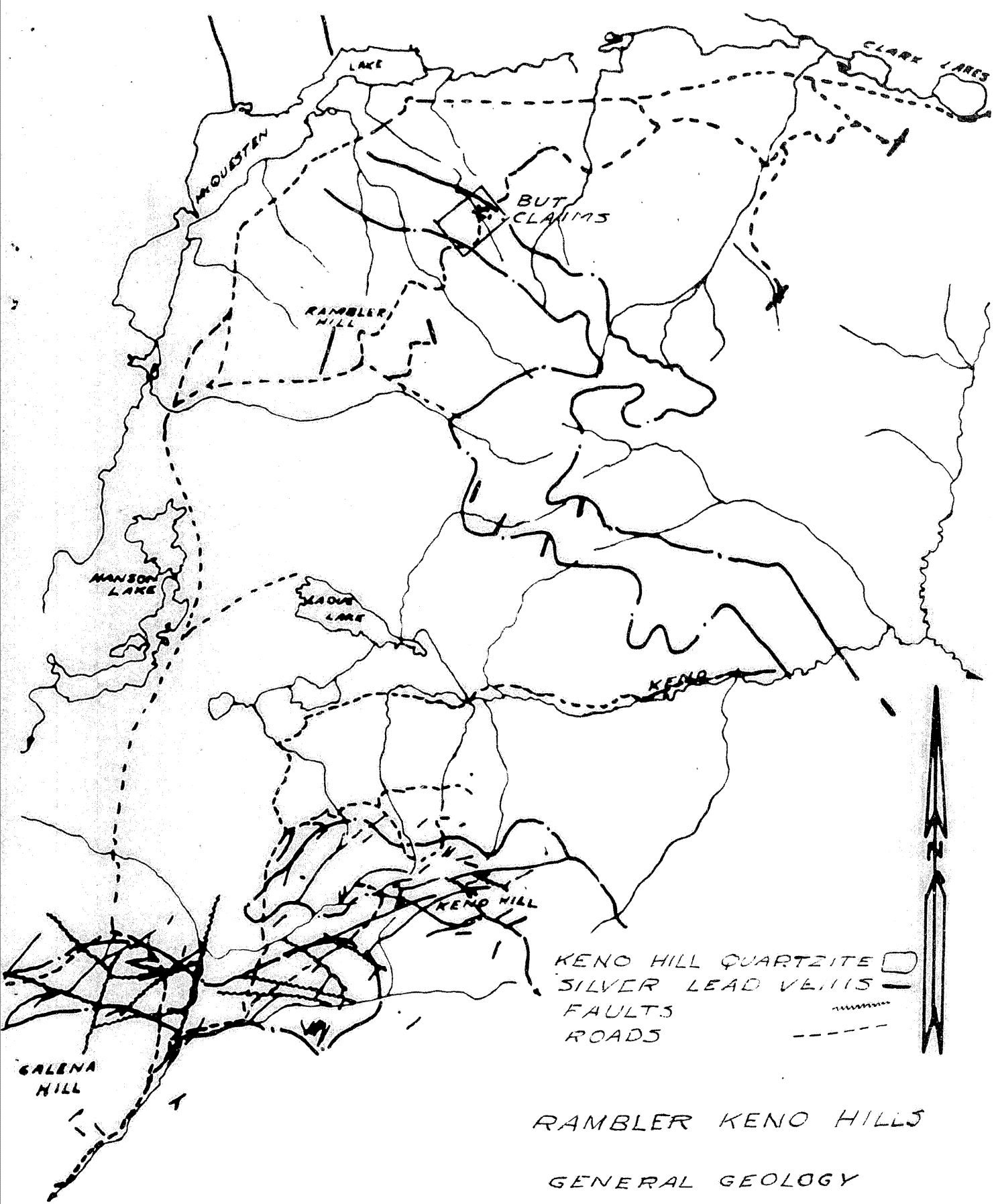
GENERAL GEOLOGY

The Rambler Hill-Davidson Range area is north of the Keno silver producing district of the Yukon.

The rock types are similar with a lower bed of quartz mica schist, quartzite and graphitic schists and overlying Keno Hill quartzite, phyllite and minor beds of graphitic phyllite. Some diorite or greenstone dikes intrude the sediments.

Complex folding and faulting occur in the Davidson Range and on Rambler Hill.

Deposits in the area occur as fracture fillings of quartz, siderite, galena, sphalerite, chalcopyrite and pyrite in both quartzites and schists.



Scale 1" = 2 Miles

These are similar to deposits on Keno and Galena Hills, the largest silver producers of Canada.

Oxidation has reduced surface exposures of deposits in the district to manganese stained limonite gossans.

CLAIM GEOLOGY

Quartzite and quartz mica schist outcrop on the claims and are exposed in road cuts. The schistosity has a northeast strike and dips 30 to 40 degrees to the southeast.

Rusty oxidized sheared quartzite is exposed along Centre Creek as a marked gossan. Surface oxidized rock assays 0.5 oz. silver per ton and 0.3% lead. Some quartz and siderite float occurs in the Creek.

CONCLUSIONS

The But claims are located in favorable formations. They have mineralization and could contain Keno type veins similar to others found on Rambler Hill.

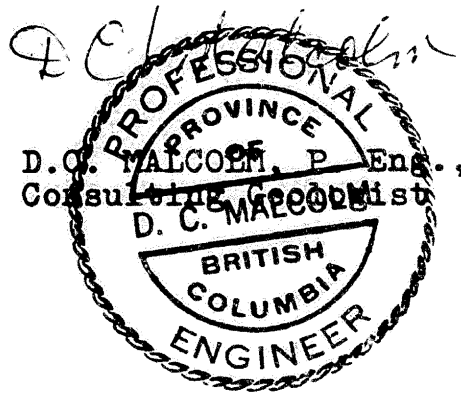
RECOMMENDATIONS

The claims should be geologically mapped, soil sampled and trenched.

ESTIMATED COSTS

Geological Mapping	\$ 2,000.00
Geochemical Survey	2,000.00
Trenching	10,000.00
Transportation & Accommodation	5,000.00
Samples & Assays	1,000.00
Consulting	1,000.00
Contingencies	<u>4,000.00</u>
ESTIMATED TOTAL	<u>\$25,000.00</u>

Report by



Vancouver, B.C.
November 18, 1975

R E F E R E N C E

Geology of Mayo Lake, Scougale Creek and
McQuesten Lake Map Areas, Yukon Territory by L.H. GREEN,
Memoir 357, Geological Survey of Canada 1971.

AMENDMENT TO
REPORT ON
LENORA SYNDICATE
BUT CLAIMS
MAYO MINING DIVISION
YUKON TERRITORY
BY D.C. MALCOLM, P.ENG.
NOV. 18, 1975

Vancouver, B.C.
July 15, 1976

by: W.G. Hainsworth, P.Eng.
Geologist

INTRODUCTION

This amendment is written with the intent in mind of lowering the recommended expenditures on the BUT Claims of the Lenora Syndicate.

A recommended programme of work is appended.

RECOMMENDATIONS


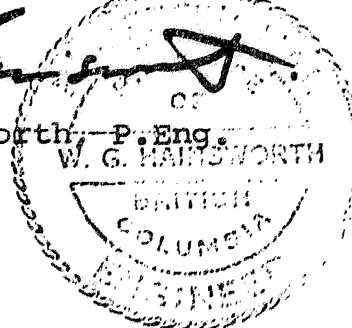
The six BUT Claims have had very little work done on them although they are located in close proximity to the producing Keno Hill mines.

It is recommended that initially the expenditures be kept to a minimum until the claims show some promising geology. To this end the writer recommends that the claims be thoroughly prospected and mapped with the intention of locating the more favourable horizons. Sampling of all gossan zones should be mandatory.

An estimate cost breakdown of this programme would be:

Geological mapping and prospecting	\$ 3,000
Transportation and accommodation	3,500
Sampling and assaying	500
Consulting	1,500
Contingencies	<u>1,500</u>
	\$10,000

Respectfully submitted,


W.G. Hainsworth - P. Eng.
Geologist


Vancouver, B.C.
July 15, 1976