

W.A. NO.

Geol Rpt

NAME

SUBJECT

MT COPELAND

82M002-07

PROPERTY FILE

004676

Owners of Prospect: Andre Moisey & Andre Demco  
City of Edmonton.

Prospect Report No.

63-30

# LAPEX SYNDICATE

82-M-1

82M002

Name of Prospect: Mt. COPELAND (Molybdenite)

Location: Topographical Index; 82-M-1-W<sup>1</sup> 51°05' 118025'

Regional; about 16 miles NW of Revelstoke-8 miles from end of road

Status of Ground: Prospect held by 12 claims-general area open to staking.

Reported by: Leon La Prairie Date: September 12th, 1963.

GENERAL ASSESSMENT: The prospect was found and staked in the latter part of August and brought to the Syndicate by Bill James of the Alberta Chamber of Mines.

The formations examined consisted of dolomitic, quartzitic and slaty beds. The showing is a gossan that strikes N 40°W and dips at about 55° to the west and is assumed to be an extension of a regional structure that is being currently drilled as a copper prospect by Pioneer Mines some 4 miles to the Southeast.

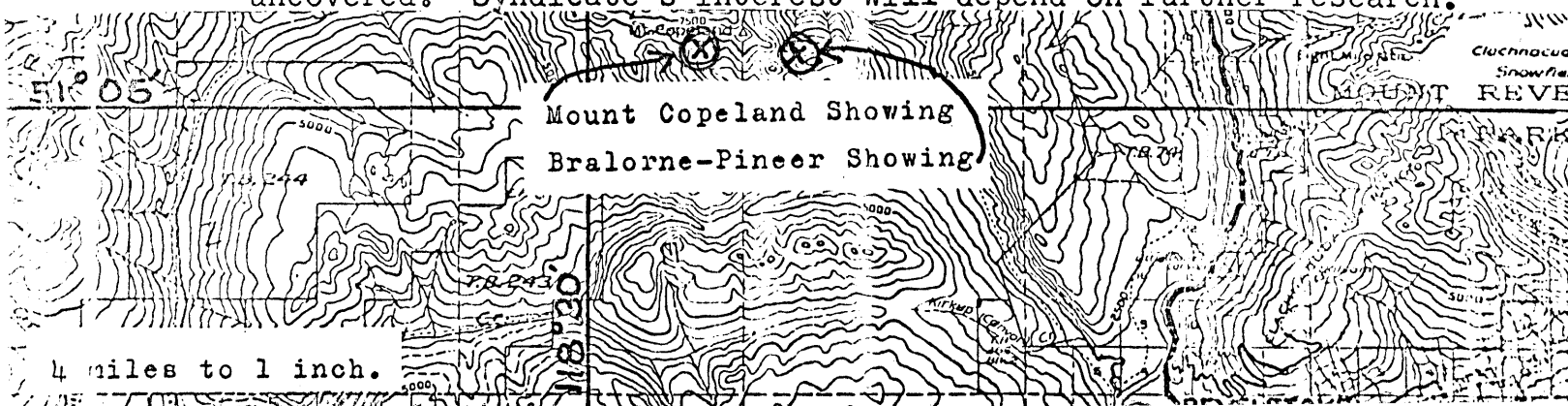
The gossan zone examined was traced for over 1½ miles and varies in width from 100 feet to 1000 feet. The elevation of the examination was over 7500 feet, near a glacier field and in the area of the Revelstoke snow belt. There is a lumber road within 8 miles of the showing but accessibility is best by helicopter.

A section on the upper side of the gossan zone of crystalline limestone with up to 15% sulphides of mostly pyrrhotite and smaller amounts of molybdenite was tested for base and precious metals. A representative sample returned .31% MoS, 0.6 oz Ag/ton and 0.15% Pb. for a width of 30 feet. A massive sulphide sample assayed 0.62% MoS.

Our examination of the property was restricted to the checking of two sulphide zones, the molybdenite showing and a magnetite zone, and limited to 8 hrs and five miles of traversing because of a pre-arranged helicopter pick-up.

## CONCLUSION:

The molybdenite showing should be furthered prospected as the mineralizations seems to be associated with the gossan and, therefore, might be very extensive, higher grade sections might be uncovered. Syndicate's interest will depend on further research.



82M002  
PROPERTY FILE

(Cont'd)

PROSPECT REPORT No.

63-30

LAPEX SYNDICATE

Name of Prospect: Mount Copeland

Reported by: Leon La Prairie

Date: Oct. 9th/63.

GENERAL ASSESSMENT:

On Sept. 19th this prospect was re-sampled by the Syndicate in order to evaluate the extent of the molybdenite showing.

A total of 15 samples were collected from the mineralized limestone for 41 assays. The assays were for Au, Ag, Pb, Mo and Ni.

Two sections were sampled across the mineralized exposure with sample lengths of 5 feet and a hundred foot interval between the sections.

Other than for some molybdenite values the other metals are below ore grade value. From 12 samples that were assayed for molybdenite 6 showed traces and the other 6 ranged from .01 to .50% Mo., an average grade of .13% Mo. This is an arithmetic average grade, the assays are not from continuous footage.

CONCLUSION:

The prospect is not of immediate interest to the Syndicate - This area is worthy of prospecting for molybdenite.