

MAP No.

105-I-11

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

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TYPE OF

WORK: Geol.

REPORT FILED UNDER

Cream Silver Mines Ltd.

DOCUMENT NO. 061149

DATE PERFORMED

1973

DATE FILED: June 4, 1974

LOCATION - LAT.
LONG.

62°29'N

AREA: Howard's Pass, Yukon

129°17'W

CLAIM NO.

ROSS Gp.

VALUE \$

WORK DONE BY

H.J. Toohey (Agilis Engineering Ltd.)

WORK DONE FOR

Cream Silver Ms. L.

REMARKS

The claims are underlain by sediments which may contain lead-zinc mineralization.

checked. 06/11/79

ADDENDUM REPORT
PROPOSED EXPLORATION
ROSS CLAIM GROUP
OF
CREAM SILVER MINES LTD. (NPL).

62° 29' N
129° 17' W
105-I-11

*N.M.E.A.P.
Received Ottawa
June 4, 1974.*

ADDENDUM REPORT

PROPOSED EXPLORATION PROGRAM

ROSS CLAIM GROUP

OF

CREAM SILVER MINES LTD. (NPL)

HOWARD PASS, YUKON TERRITORY.

INTRODUCTION

The Ross Claim group is located 10 miles north of Summit Lake, Y.T. and 5 miles northwest of the Canex-Placer lead-zinc deposit at Howard Pass. the geographic coordinates are $62^{\circ} 29' N.$ Latitude and $129^{\circ} 17' W.$ longitude. Elevations on the property range from 4,200 feet to approximately 6,300 feet above sea level.

GENERAL DISCUSSION

The Ross group is underlain by two major lithologic units. the largest exposure is Devonian and Mississippian (?) chert pebble conglomerate, pebble sandstone and black argillaceous shales which are found in the northern, southern and western parts of the group.

To the east Cambrian and Ordovician beds are exposed. They are a complex of black cherts, dark gray limestone, light brown shales and dark gray, calcareous shales.

Local isoclinal folding, intense east-west cleavage subparallel to folding and extensive rock creep complicate the geologic structure. The sedimentary sequence is correlatable with that of the Canex-Placer deposit 5 miles to the east.

A reconnaissance and detailed geochemical soil and rock sampling program completed in 1973 has outlined four coincidental

lead-zinc anomaly, one of which is substantial in size and intensity.

RECOMMENDATIONS

1. A successful exploration program will be to a great degree dependant upon interpretation of the complex geologic structure and will require detailed geologic mapping.
2. The geochemical anomalies have been sufficiently outlined; however, bulldozer stripping and trenching will be necessary to investigate the source of lead-zinc in the soils. This should be followed by detailed geologic mapping and sampling if the metal source is exposed.
3. Diamond drilling is recommended if the above proves sufficiently encouraging.
4. Exploration will require helicopter and fixed wing support and road building to provide dozer access.
5. Because of the remoteness and high exploration costs a staged program is recommended.

COST ESTIMATE

Stage I

1. Mobilization and demobilization 5 man fly camp, say	2,500.00
2. Detailed geologic mapping	2,000.00
3. Map compilation and office evaluation say,	1,500.00
4. Contingency 10%	<u>600.00</u>
Total Stage I	6,600.00

Stage II

1.	Mobilization and demobilization of dozer (D-8 with rippers) and road construction say Note: if dozer access is too costly the amount could be allocated to drilling with small portable drill	3,000.00
2.	Mobilization and demobilization of diamond drill and crew, say	2,500.00
3.	Drill 1000 ft @ 25.00 (including camp costs, subsistence and assays)	25,000.00
4.	Engineering and supervision	2,000.00
5.	Helicopter and fixed wing support	3,500.00
6.	Contingency 20%	<u>7,200.00</u>
	Total Phase II	43,200.00
	Total Phase I & Phase II	49,800.00

Respectfully submitted,

Herbert J. Toohy,
Geologist.

Vancouver, B.C.

April 10, 1974.