

MAP No.

106-D-4

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

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TYPE OF
WORK:

Geol

REPORT FILED UNDER	Belmoral Mines Ltd.	DOCUMENT NO. 061496
DATE PERFORMED	April 16, 1974	DATE FILED: June 4, 1974
LOCATION - LAT. LONG.	64°00.5'N	AREA: McQuesten Lake, Yukon
	135° 38.5'W	
CLAIM NO.	JAY 1-16	Y31815-30
VALUE \$		
WORK DONE BY	H.J. Toohey (Agilis Engineering L)	
WORK DONE FOR	Belmoral Ms L	
REMARKS	Addendum report on geology. The siderite vein is up to 35 feet wide. The geochem anomalous soils have not been investigated.	

See report
by F. Holroyd

ADDENDUM REPORT
PROPOSED EXPLORATION PROGRAM,
JAY MINERAL CLAIMS
OF
BELMORAL MINES LTD. (NPL).

061496

64° 00' N
135° 38' W
106-D-4

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

ADDENDUM REPORT

PROPOSED EXPLORATION PROGRAM

JAY MINERAL CLAIMS

OF

BELMORAL MINES LTD. (NPL)

YUKON TERRITORY, MAYO MINING DIVISION.

INTRODUCTION

The Jay mineral claims are approximately 30 miles northeast of Mayo, Yukon Territory at geographic coordinates $64^{\circ} 00' N.$ and $135^{\circ} 38' 30'' W.$ The property lies along the northern slopes of a low hill south of Lynx Creek.

In September, 1973 a geologic survey was completed and a previous geochemical survey performed in 1969 was evaluated. This survey outlined a well defined soil anomaly and several weaker anomalous areas. The claim group has not been completely sampled.

GENERAL DISCUSSION

The geologic mapping completed in 1973 indicated the claims are underlain by a metamorphic sequence of gritty, thin-banded, foliate quartzites, limestone and biotite schist. Sudden changes in the Attitude of banding suggests two fault zones coinciding with courses of two creeks.

Lead-zinc-silver mineralization is exposed in a siderite vein along the hanging wall and footwall. The vein is up to 35 feet in width and has been partially exposed by trenching and pitting. The Geochemically anomalous soils have not been investigated.

RECOMMENDATIONS

1. Complete the geochemical survey over the entire claim area.
2. Extension of trenches over the area of the soil anomaly as well as the zone of known mineralization. Clean out present trenches and re-sample.
3. Diamond drill any area of encouraging mineral potential.

COST ESTIMATE

1. Establish 4 man fly camp	1,500.00
2. Lay out grid (200 x 50 ft.) 32 line miles	2,200.00
3. Complete soil sample program-2000 samples	2,500.00
4. Clean out trenches plus additional trenching	1,500.00
5. Dozer trenching and/or diamond drilling 1000 ft @ 15.00	15,000.00
6. Engineering, supplies and helicopter, allow	4,000.00
7. Contingency 10%	<u>2,670.00</u>
Total	\$29,370.00

Respectfully submitted,

Herbert J. Toohy,
Geologist.

Vancouver, B.C.
April 16, 1974.