

MAP No.

106-C-8

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.	061136
DATE PERFORMED	April 16, 1974	DATE FILED:	June 4, 1974
LOCATION - LAT.	64°24'N	AREA:	Duo Creek, Yukon
LONG.	132°28'W		
CLAIM NO.	TYE 1-20		
VALUE \$			
WORK DONE BY	H.J. Toohey (Agilis Engineering L)		
WORK DONE FOR	Belmoral MS L		
REMARKS	Addendum report on the geology of the TYE Gp which overlies Paleozoic sediments known to be favourable for strata-bound and replacement type zinc mineralization.		

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ADDENDUM REPORT  
PROPOSED EXPLORATION PROGRAM,  
TYE 1-20 MINERAL CLAIMS  
OF  
BELMORAL MINES LTD. (NPL).

64° 24' N  
132° 28' W  
106-C-B

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

## ADDENDUM REPORT

PROPOSED EXPLORATION PROGRAM  
TYE 1-20 MINERAL CLAIMS  
OF  
BELMORAL MINES LTD. (NPL)  
BONNET PLUME RIVER AREA, YUKON TERRITORY

### INTRODUCTION

The Tye claims are approximately 4 miles east of the Barrier Reef zinc deposit, the eastern showing of Barrier Reef being approximately 1000 feet north of the Tye claim boundary. The claims are drained by a tributary of Duo Creek, a tributary of the Bonnet Plume River. They are about 125 miles northeast of Mayo, Y.T. and geographic coordinates are  $64^{\circ} 24'$  N. latitude and  $132^{\circ} 29'$  W. Longitude.

### GENERAL DISCUSSION

The Tye claims lie within a belt of Paleozoic sediment known to be favorable for strata-bound and replacement type zinc deposits. Carbonate units associated with zinc mineralization outcrop just north of the claim boundary and dip gently beneath the claim group.

Overlying this potential host sediment are black shales that apparently been thrust over the carbonate units.

### RECOMMENDATIONS

1. Detailed geologic mapping, prospecting, reconnaissance and detailed geochemical surveying, trenching and diamond drilling are recommended in a stage program. Implementation of the second phase will be dependant upon the results of the first phase.

Phase I

1.	Mobilization and demobilization	2,500.00
2.	Establish 400 x 200 grid, chained and flagged - allow for 20 line miles	2,000.00
3.	Geochemical sampling and assays 550 samples @ 6.00	3,300.00
4.	Geologic mapping	1,500.00
5.	Helicopter support-10 hr. @ 200.00	2,000.00
6.	Supervision and engineering	1,500.00
7.	Contingency 10%	<u>1,280.00</u>
	Total Phase I	14,080.00

Phase II

1.	Detailed geologic mapping	1,000.00
2.	Detailed geochemical sampling and assays	4,000.00
3.	Trenching, allow	2,000.00
4.	Diamond drilling - 2,000 ft. @ 22.00	44,000.00
5.	Engineering and supervision	5,000.00
6.	Contingency, 10%	<u>5,600.00</u>
	Total Phase II	61,600.00

Total Phase I and II - \$75,680.00

Respectfully submitted,

Herbert J. Toohy,  
Geologist.

Vancouver, B.C.  
April 16, 1974.