

MAP No.

106-C-78

ASSESSMENT REPORT

N. M. E. A. P.

CONFIDENTIAL

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TYPE OF

WORK: Geol.

REPORT FILED UNDER	Sicintine Mines Ltd.	DOCUMENT NO.	061164
DATE PERFORMED	Aug. 9-13, 1973	DATE FILED:	May 28, 1974
LOCATION - LAT. LONG.	64°27'N	AREA:	Goz Creek, Yukon
	132°30'W		
CLAIM NO.	BID 7-14	Y69958-65	
	25-32	Y69976-83	
	43-50	Y69994-01	
VALUE \$			
WORK DONE BY	R.E. Chaplin		
WORK DONE FOR	Sicintine Ms. L.		
REMARKS	The claim group is underlain by a dolostone unit which contains high grade zinc mineralization on the Barrier Reef property, 14 miles to the west.		

*Indexed
06/1/67*

SICINTINE MINES LTD. (N.P.L.)
Suite 1700 - 1055 West Georgia Street,
Vancouver 5, B.C.

REPORT ON

BID 7-14, 25-32 & 43-50
MINERAL CLAIMS

DONNET PLUME-GOZ CREEK AREA, YUKON TERRITORY

WAYO MINING DISTRICT

MAP SHEET 106-C-7, 8

Latitude 64°27'N

Longitude 132°30'W.

Examination Dates: Between August 9 and 13, 1973

By

ROBERT E. CHAPLIN, P. Eng.,
1761 Drummond Drive,
Vancouver 8, B.C.
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JANUARY 11, 1974

*NMEAP
Received Ottawa
May 28, 1974,*

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SUMMARY

Impressive surface showing of zinc with minor lead mineralization was discovered by Barrier Reef Mines Ltd. in the summer of 1973; in the Bonnet Plume River-Goz Creek area, Yukon Territory, Mayo Mining District.

Approximately 1500 mineral claims have been staked in the discovery area at the time of writing this report.

High grade (10% to 20% Zn) mineralization occurs in semi-concordant at breccia pods and lenses within a dolomitic reefoid rock of uncertain age (between Cambrian and Devonian).

The mineralized zones are linked by a N 65° E. trend - however, the strike of the individual zones commonly trend N-NW. The distance between the main discoveries is 14 miles. Several other zones and float mineral occurrences have been located by stakers for Harman Management Ltd.

The occurrences on the Barrier Reef claims occur as irregularly dispersed quartz-sphalerite breccias. The breccia zones appear to be crudely bedding controlled, consequently there is little apparent vertical continuity to the zones. Extensive areas of lower grade, finely disseminated and/or coatings of zinc minerals, extend laterally from the breccias in gentle, south-dipping beds.

The possibility of extensive "low grade" zinc mineralization with high grade sections is the attractive feature of the Barrier Reef property.

Detailed surface sampling and geological mapping is required to assess the economic worth of the properties discovered to date.

BID CLAIM GROUP

THE BID Claims 7-14, 25-32 & 43-50 record numbers Y69958-Y69965, Y69976-Y69983 and Y69994-Y70001 were staked to acquire part of the favorable dolostone unit that is host rock for the Barrier Reef zinc occurrences.

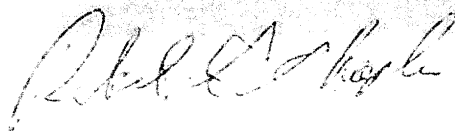
The property is located, adjoining the Barrier Reef Central Group on the north side.

Bedrock is well exposed on the BID claims except for the northern fringe where a ESE tributary stream to Goz Creek forms a valley approximately 1 mile across. This valley floor probably represents the site on erosion surface between interbedded slates and quartzites and the overlying dolostone that occurs as a wedge of outcrop throughout the north-central part of the BID claims. The dolostone unit is itself overlain by a white massive quartzite unit that further south on the Barrier Reef claims is in fault contact with favorable dolostone.

Secondary zinc mineralization was located in dolostone to the west of the BID claims.

CONCLUSIONS AND RECOMMENDATIONS

The favorable dolostone unit located on the BID claims should be prospected using rock geochemical surveys. If important amounts of zinc mineralization is located, geological mapping and trenching should be carried out.



Robert E. Chaplin, P.Eng.,
Vancouver, B.C.
January 11, 1974

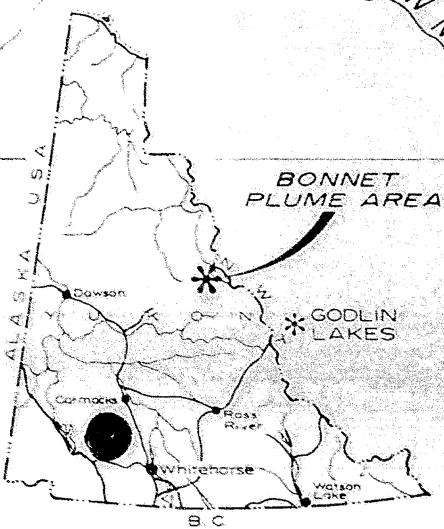
SICINTINE BIDS



62° 25'

62° 20'

132° 30'



BONNET PLUME AREA

BONNET RIVER

PLUME

RIVER

CONWEST - SICINTINE OPTION

BARRIER REEF

BARRIER REEF

STAKED

STAKED

SICINTINE

WELCOME NORTH

STAKED

SERUM

STAKED

STAKED

STAKED

STAKED

STAKED

STAKED

COZ CREEK

SICINTINE MINES LTD. (N.P.L.)

BONNET PLUME RIVER AREA

YUKON TERRITORY

Robert A. [Signature]

SCALE 1" = 4 MILES

