

Brock000025

WELCOME NORTH MINES LTD. (N.P.L.),
Suite 8 - 1161 Melville Street,
Vancouver, B.C.

ARCTIC RED JOINT VENTURE

PRELIMINARY GEOLOGICAL INVESTIGATION

AB MINERAL CLAIMS

Latitude : $64^{\circ}59'N$.

Longitude: $132^{\circ}17'W$.

N.T.S. 106-C-16
Northwest Territory

by

J.D. Guild,
Geologist.

June 30th, 1974

AB GROUP

The AB mineral occurrence is exposed on the east bank of a southerly flowing creek. Beds adjacent to the mineralized section strike N.55°W. and dip at angles of 20°-40° to the south.

The showing itself consists mainly of a series of float boulders containing massive to semi-massive, resinous, yellow-brown medium-grained sphalerite within dolomitic rocks. The occurrence appears to be bedded and to locally exhibit evidence of formational breccia filling. The mineralized talus can be traced for approximately 700 feet along the trace of the mineral zone up on the hill which contains it. The float splays near the foot of the hill to some hundreds of feet in width, but it can be surmised that the mineralization is derived from a bed substantially less wide, possibly a width of 30 to 50 feet may be expected. At one point of little talus cover, mineralization can be observed "in place" over an approximate true thickness of 25 feet.

The occurrence has received only a very cursory examination to date, and the following samples have been taken and are illustrated on the attached sample plan:

<u>Sample No.</u>	<u>Sample Width</u>	<u>Pb %</u>	<u>Zn %</u>	<u>Ag oz/ton</u>
WN #11	Specimen	71.3	2.4	0.2
WN #12	Specimen	0.03	41.0	
WN #13	Specimen	0.03	18.9	
WN #21	100' (talus chip every foot)	1.03	8.64	
WN #22	100' (talus chip every foot)	0.01	0.65	
WN #23	400' (talus chip every 5 ft.)	0.01	1.06	
WN #24	40' (semi in place chip every 3')	0.05	25.6	

Mapping and sampling of the showing and adjacent area is continuing. The mineralization observed to date throws a prominent gossan. Extensions to the gossan zone, to the north and west, have yet to be prospected.

Respectfully submitted,

John S. Guild,
Geologist
June 30th, 1974