GEOLOGICAL REPORT
on the TANG claims,
located near the headwaters of the Pelly River
Claim Sheet 105-I-12, 62°37' N, 129°45' W
by
Clyde L. Smith, Ph.D., P.Eng.
August 20-31, 1975

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LIST OF ILLUSTRATIONS

Fig 1. Geologic map, Tang Claims Area, 1" = ½ mile Pocket
Fig 2. Geologic map, Tang Claims Area, 1" = 600' Pocket
This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work under the amount of $1400.00.

[Signature]

Resident Geologist or Resident Mining Engineer

Considered as representation work under Section 52 (4) Yukon Quartz Mining Act.

[Signature]

S.K. Baxter
Superintending Mining Recorder

[Signature]

Lt. Commissioner of Yukon Territory
I. INTRODUCTION

During the period August 20 through 31, 1975, the area of the Tang claims was mapped on a scale of 1" = ½ mile (Fig. 1). A bedded barite occurrence on the adjoining Oro property was sketch mapped on a scale of 1" = 600' (Fig. 2). The Tang claims were staked in 1975 to cover high geochemical silt values obtained from creeks west of the barite occurrence on the Oro claims.

II. LIST OF CLAIMS

<table>
<thead>
<tr>
<th>Claim Name</th>
<th>Holder</th>
<th>Recording Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tang 3-16</td>
<td>British Newfoundland Explorations Ltd. - In Trust</td>
<td>August 13, 1975</td>
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III. GENERAL GEOLOGY

The regional geology of the Tang claims area is shown on the Nahanni sheet of The Geological Survey of Canada. The property is located northwest of the large claim group held by Canex Placer Ltd., centered at Howard's Pass. Geology is mapped generally as unit 18 b which is Devonian-Mississippian black shale and argillite.

Figure 1 shows a succession ranging in age from Cambrian to Devonian-Mississippian and including many banded limestone (base) black carbonaceous-siliceous argillite of the Road River formation, argillite and conglomerate (top). The units are broadly-folded into a northwesterly-trending syncline having unit 3 as a core. A bedded barite deposit is exposed along the unit 2-unit 3 contact in the south-west limb of the anticline. Figure 2 is a sketch of this occurrence. Noranda Mines had diamond drilled this deposit.

Drainages west of the barite deposit are high in zinc geochemistry and it is possible that the barite along strike or down dip is mineralized with lead and zinc.
IV. CONCLUSIONS AND RECOMMENDATIONS

The geology and geochemistry of the Tang property area indicate a potential for barite-hosted mineralization. It is recommended that detailed soil sampling and geologic mapping be carried out on the property.
OGILVIE JOINT VENTURE
TANG CLAIMS
GEOL OGY

LEGEND
DEVO NIA N-MISSISSIPPIAN
3B CONGLOMERATE, SANDSTONE
3A ARGILLITE; SILTY, SANDY

ORDOVI CIAN
2 BLACK CARBONACEOUS, SILICEOUS ARGILLITE,
"ROAD RIVER" FORMATION

CAMBRIAN
1 WANY BANDED LIMESTONE

SYMBOLS
CONTACT...
FAULT...
BEDDING ATTITUDE...
BARITE BED...
OGILVIE JOINT VENTURE
AREA OF TANG CLAIMS