

This is Exhibit "A" referred to in the  
affidavit of M. BARRY NEEDHAM  
sworn to before me at Vancouver  
in the Province of British Columbia  
this 25<sup>th</sup> day of January 1969  
[Signature]

SPARTAN EXPLORATIONS LTD. (N.P.L.)  
303-1035 West Pender Street,  
Vancouver 1, B. C.

1968 PROGRESS REPORT  
AND  
PROPOSED PROGRAM 1969  
STAR AND BEE GROUPS  
ITSI PROJECT  
EASTERN YUKON TERRITORY

BY

Wayne J. Roberts, and Clyde L. Smith,  
Geologist Exploration Manager.

JANUARY 7, 1969

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## INTRODUCTION

During a preliminary evaluation of the Itsi region in 1967, the Star Syndicate, the forerunner of Spartan Explorations Ltd., staked an area of structural favourability on the northeastern border of the Tom Group held by Hudson Bay Mining and Smelting. The group known as the Star group consisted of 32 claims and was evaluated during the 1968 field season. Also, early in the 1968 season the BEE 1-16 claims were staked to cover a known copper showing and later in the season were evaluated.

## LOCATION AND ACCESS

The Itsi Project area is centered near Macmillan Pass, on the Yukon-Northwest Territories boundary, about 100 miles northeast of Ross River. The Star Group lies along the northeastern border of the Tom Group; approximately 6 miles west of the Yukon-Northwest Territories border and 1/2 mile south of the abandoned Cano1 road. The BEE Group is located approximately 4 miles southeast of Wilson Lake and 9 miles southwest of Mount Wilson. Both claim groups are shown on Figure II, the Itsi area index map, included in this report.

Access to the claim groups was made by helicopter from a base camp located on Fuller Lake which was equipped by float plane from Ross River.

## STAR GROUP

The Star 1-32 claims were staked in May, 1967 and recorded on June 1, 1967 due to a find of mince lead-zinc mineralization in a structurally favourable environment. During the 1968 field season geological and geochemical surveys were conducted. All major streams on the group were silted at not more than 1/2 mile intervals; the samples

analyzed for lead, zinc, copper, and molybdenum content; and the results plotted as shown on Figure 12I. Soil samples were also taken along the major valley walls at 500 foot intervals. As seen from the resulting plot, the more anomalous values are located along the stream draining the area with known mineralization.

The claim group was also geologically mapped on a 1/2 mile to the inch scale. A large north-south trending overturned syncline of lowe poleozoic sediments appears as the major structure. A near vertical dyke of quartz feldspar porphyry in the southern portion of the claim group appears to be the source of the small showing of lead-zinc mineralization. Figure 2I shows the geology and mineral occurrences established on the Star group. Presently, due to the limited size, the mineralization does not appear to have any economic potential.

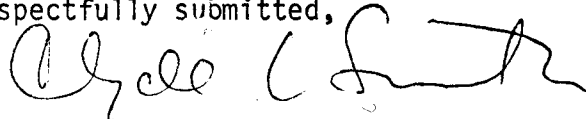
#### BEE GROUP

The Bee 1-16 claims were staked in late January and recorded on February 7, 1968, to cover an old copper showing. During the 1968 field season a small geological and geochemical survey was conducted. Major streams were silted at 1/2 mile intervals but only anomalous values were obtained in the drainage pattern initiating near the known mineral showing (as shown on Figure 13I). The claim group was also geologically mapped outlining a large granitic intrusive surrounded by a hornfelsic halo. Mineralization occurs in a small pocket of pyrrhotite-chalcopyrite rich skarn which appears to have limited economic possibilities.

RECOMMENDATIONS

Although little of economic potential has been found to date on the Star claims, the group will be maintained in good standing until such time as further work is considered. Since the Bee claims do not appear to be economically feasible they will be allowed to lapse.

Respectfully submitted,



Clyde L. Smith,  
Exploration Manager, and



Wayne J. Roberts,  
Geologist.

LIST OF ACCOMPANYING MAPS  
(Enclosed in Pocket)

Figure 1I -- Itsi Area Index Map

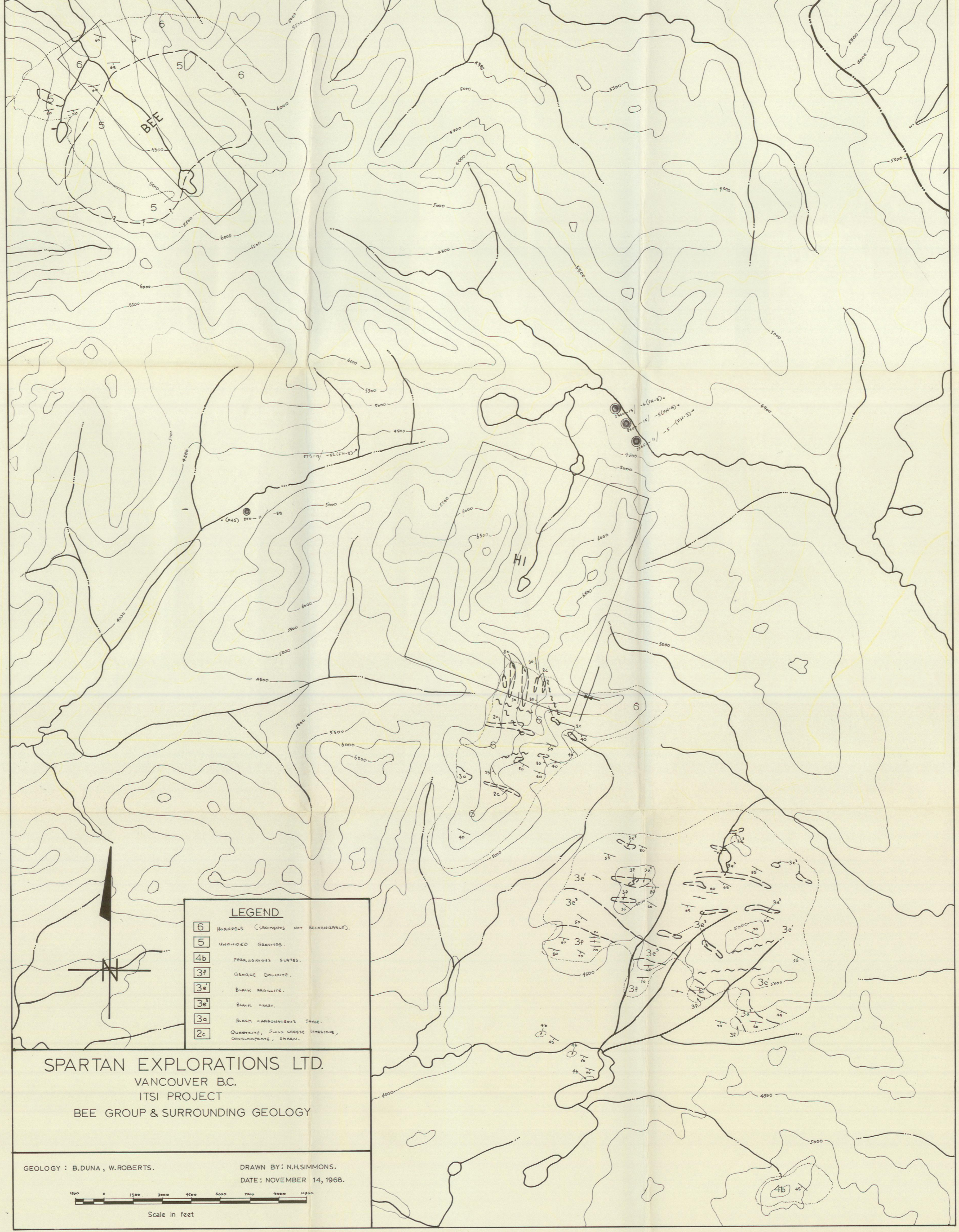
Figure 2I -- Mineral Claim Sheet - 105-0-1 Geology Map

Figure 11I -- Bee Group Geochemical Values Map

Figure 12I -- Star Group Geochemical Values Map

Figure 17I -- Bee Group and Surrounding Geology.

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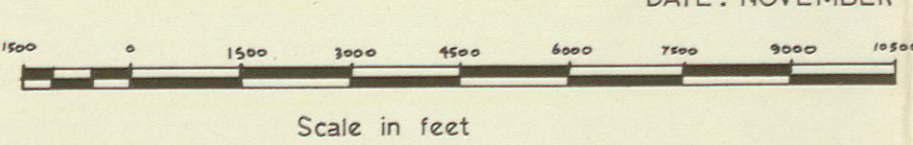
**LEGEND**

- 6 HORNFELS (SBOIMENTS NOT RECOGNIZABLE).
- 5 UNZONED GRANITES.
- 4b FERRUGINOUS SLATES.
- 3f GEORGE DOLomite.
- 3e BLACK ARGILLITE.
- 3e BLACK CHERT.
- 3a BLACK CARBONACEOUS SHALE.
- 2c QUARTZITE, SILTSTONE, LIMESTONE, CONGLOMERATE, SHALE.

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 VANCOUVER B.C.  
 ITSI PROJECT  
 BEE GROUP & SURROUNDING GEOLOGY

GEOLOGY : B.DUNA, W.ROBERTS.

DRAWN BY: N.H.SIMMONS.  
 DATE: NOVEMBER 14, 1968.





**LEGEND**

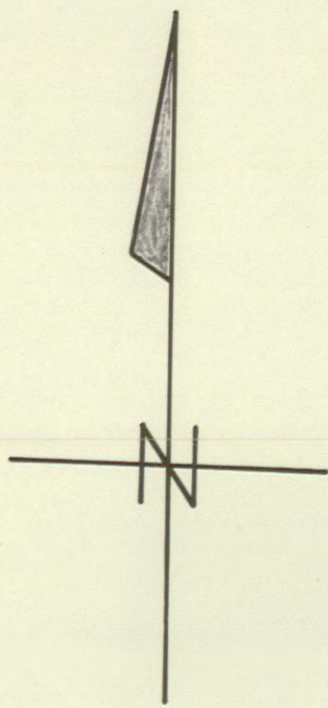
6	Massive (Serpentine not recognizable)
5	Unzoned Granite
5c	Diorite
5b	Quartz Porphyry
5a	Granite, Gneiss, Quartzite, etc.
4	Unzoned Devonian Slates
4b	Felsophic Slates
4d	Black Chert
4a	Conglomerates
3	Unzoned Devonian Sandstone
3f	Grasse Dolomite
3e	Unzoned Black Sandstone, Chert, Purple Conglomerate, Black Chert, Cambrian Limestone
3d	Black Sandstone
3c	Black Pebbles Conglomerate
3b	Black Chert
3a	Cambrian Limestone
3d	Light Coloured Shales and Grasse Dolomite
3b	Pure Cambrian Limestone
3a	Black Cambrian Sand
2	Unzoned Devonian Conglomerate
2d	Calc-silicate Sand
2c	Quartzite, Silicified Limestone, Conglomerate, Shale
2b	Quartzite Shale, Limestone
2a	Quartzite Shale, Limestone
1	Unzoned Paleozoic (includes Quartzite, Sandstone, Red and Green Shales)

--- Contact --- Definite; Assumed, Inferred.  
 --- Fold Axis --- Anticline, Syncline.  
 --- Fault --- Seismic and Palaeontological.  
 --- Fault --- Fault.

SPARTAN EXPLORATIONS LTD.  
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 ITSI PROJECT  
 Area Geology 1 of 4 sheets  
 Sheet numbers 008-01,08,P4,P5.

GEOLOGY B. DUNA, W. ROBERTS, G. JAMES, M. WOLPHARD.  
 DRAWN BY: N. SIMMONS.  
 DATE: NOVEMBER 2, 1968.

Scale in feet



SPARTAN EXPLORATIONS LTD.  
 ROSS RIVER YUKON  
 ITSI PROJECT  
 STAR CLAIM GROUP  
 GEOCHEMICAL SILTS & SOILS  
 Zn-Pb / Mo-Cu.

SOIL SAMPLERS : B.DUNA, A. MACLEOD.

DRAWN BY: N.H.SIMMONS.  
DATE: AUGUST 25, 1968.



Scale in feet.

