

PRODUCT TUNGSTEN  
PRODUIT

PROVINCE OR PROVINCE OU  
TERRITORY TERRITOIRE British Columbia

N.T.S. AREA 104 0/9  
RÉGION DU S.N.R.C.

REF. W 1  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

BLUE LIGHT

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Lat. 59°39' Long. 130°39'  
Lat. Long.

Mining Division Liard  
Division minière

District Cassiar  
District

County  
Comté

Township or Parish  
Canton ou paroisse

Lot  
Lot

Concession or Range  
Concession ou rang

Sec.  
Sect.

Tp.  
Ct.

R.  
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The showings occur in a metasedimentary roof pendant along the western edge of the Cassiar Batholith. Rock types consist of pelitic hornfels, augen gneiss, gneissic granite, migmatite and minor skarn, cut by coarse-grained irregular pegmatite bodies. A 25-foot band of augen gneiss contains 4 distinct skarn layers, ranging in thickness from 0.7 to 5.0 feet. Samples of 3 zones, each averaging 2 feet wide, within an 18 foot thick stratigraphic section, and over an exposed length of 105 feet, assayed 3.0% WO<sub>3</sub> by channel methods and 5.9% by bulk methods. Small amounts of tin and beryllium are reported to be present. The scheelite is disseminated in quartz-rich augen gneiss zones which are associated with a northerly striking shear zone. Fluorite occurs in a coarse-grained pegmatite and as irregular fine disseminations and as coarse crystals in a skarn zone.

HISTORY OF EXPLORATION AND DEVELOPMENT  
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

This property is located on a northwesterly flowing tributary of the Little Rancheria River, some 35 miles northwest of Cassiar.

The showings were discovered in 1962 by prospector Andrew Zborovszky for Chapman, Wood and Griswold, Consulting Engineers. The property was optioned to Rancheria Mining Company Limited in 1965; a zone 100 feet long by 20 feet wide was bulk sampled. Union Carbide Exploration Ltd. held the property under option in 1966 and completed 1,265 feet of diamond drilling in 6 holes; results were inconclusive; the property was then returned to Zborovszky.

In 1968 Spartan Explorations Ltd. optioned the Blue Light 1-8 claims and staked the Violet 1-36 claims. Work during the summer included surface and geological mapping.

Fantasia Mines Co. Ltd., a private company, held the Blue Light and Violet groups, totalling 17 claims and fractions, in 1972.

The Blulite claim (4 units), owned by Active Management Ltd, was under option to Pacific Cypress Minerals Ltd. Work in 1977-79 included geological mapping and 80 m of diamond drilling in 2 BQ holes.

Associated minerals or products - Tin, beryllium, fluorite,  
Minéraux ou produits associés

Mineral Policy Sector, Department of Energy, Mines and Resources, Ottawa  
Secteur de la politique minérale, ministère de l'Énergie, des Mines et des Ressources, Ottawa  
510367 \*

Cathro, R.J.; Tungsten in Yukon; A paper presented at the Third Northern Resources Conference, Whitehorse, Yukon, April 10, 1969 - Mineral Policy Sector; Resource File: MR-W-301.00 (Yukon).

Mineral Policy Sector; Corporation Files: "Rancheria Mining Company Limited"; "Spartan Explorations Ltd."; "Yukonadian Mineral Explorations Limited" - Prospectus, Feb. 1972..

Gabrielse, H.; Geology of Jennings River Map-Area, British Columbia; Paper 68-55, pp. 35, 36, Geol. Surv. of Canada, 1969.

Reports of Minister of Mines, British Columbia: 1968, p. 33.

Mulligan, R.; Metallogeny of the Region Adjacent to the Northern Part of the Cassiar Batholith, Yukon Territory and British Columbia; Paper 68-70, p. 9, Geol. Surv. of Canada, 1969.

Exploration in British Columbia; BCDM: 1977, p. 242; 1980, p. 506.

## MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 18-1968, Jennings River, (Geol.), Sc. 1:250,000 - accomp. Paper 68-55.

Map 104 0, Jennings River, (Topo.), Sc. 1:250,000.

## REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par				DMacR			
Date Date	05-69	09-70	03-74	08-87			