

PRODUCT
PRODUIT

COPPER

PROVINCE OR
TERRITORY

PROVINCE OU
TERRITOIRE

British Columbia

N.T.S. AREA 103 P/13
RÉGION DU S.N.R.C.

REF. CU 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

PRINCE JOHN

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 55°59'40"

Long. 129°58'40"

Mining Division Skeena
Division minière

District
District

Cassiar

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 country rock is mainly volcanic in origin, but has been sheared to a chlorite schist. The planes of schistosity strike north along the hillside and dip westward into the hill at moderate angles. A cross section in the upper tunnel shows 30 feet of greenstone schist from the portal; then 45 feet of banded argillite mineralized with pyrite and chalcopryrite, disseminated in grains throughout the argillite or in small veins and bunches lying in bedding planes and cross fractures; then 45 feet of light grey acidic dyke-rock, and beyond that, 65 feet to the face, of argillite slightly mineralized with pyrite and chalcopryrite. The 45 foot section was estimated by Geo. A. Clothier, Resident Engineer in 1919, to average about 2% copper. The length of the mineralized zone is not known. The lower adit, 150 feet vertically lower, cut only a vein about 4 feet wide containing values in gold, silver and copper. If the mineralized zone continues in depth and if it has a lower dip than the dyke, it would pass beyond the face of the lower adit.

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

This property is located at the 2,200 foot elevation on the west side of the Bear River 4 miles north of Stewart. The Red Bluff group lies to the north and adjoining.

The Prince John claim Nos. 1-3 were owned and under development by J.H. Nesbitt and Andrew Archie from about 1913. Exploration work was done in open cuts and a cross-cut adit (upper adit) at the 2,210 foot elevation. In about 1916 the property was optioned to Granby Consolidated Mining, Smelting, & Power Company, Limited. The company extended the upper adit to a length of 185 feet. Diamond drilling was done by the company and to the end of December 1917 totalled approximately 1,100 feet in 2 or more holes. The results of the diamond drilling are not known. The option was dropped. In 1918 the owners staked 6 additional claims, the Prince John Nos. 4-9, and exploration work was continued until 1922 when C.A. MacKenzie, of Victoria, bonded the property. The lower crosscut adit, at elevation 2,062 feet, was begun in the fall.

The Prince John Mining Company, Limited was incorporated in New York and registered in British Columbia in March 1923. The company acquired 19 claims and fractional claims including, in addition to the Prince John group, the Red Bluff group and the Jim Fraction, Wedge Fraction, and Texas Fraction claims. During 1923 the lower adit was driven to a total length of about 400 feet. The Prince John group (Lots 4387-4395) was Crown-granted to the company in 1926. The company charter was surrendered in British Columbia in 1944.

Echo Bay Mining Ltd. in 1970 acquired 16 Crown-granted claims and fractions in Mineral Leases M-240 and M-251. Work during 1970 included geological mapping and trenching on the Prince John claims, and rehabilitation of the existing 700 foot adit.

Hanson, George; Portland Canal Area, British Columbia;
Memoir 175, p. 137, Geol. Surv. of Canada, 1935.

Reports of Minister of Mines, British Columbia:
1914, p. 155; 1917, pp. 66, 84; 1918, p. 76; 1919,
p. 64; 1922, p. 70; 1923, pp. 76-77.

Mineral Policy Sector; Corporation File: "The Prince
John Mining Company, Limited".

Geology, Exploration, and Mining; British Columbia Dept.
of Mines: 1970, p. 75.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 215 A, Stewart Sheet, B.C., (Geol.), Sc. 1":1 mile -
accomp. Memoir 159.

Geological Map of the Stewart Area, Sc. 1": $\frac{1}{2}$ mile, Fig. 3,
Sheet B - accomp. Bulletin No. 58, British Columbia Dept.
of Mines, 1971.

Stewart Area, Crown Grant claim map, Fig. 15 B - accomp.
Bulletin No. 58.

Map 193 A, Stewart Sheet, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

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| Comp./Rev. By Comp./rév. par | | | | | | | | |
| Date Date | 09-67 | 11-74 | | | | | | |