

PRODUCT COPPER
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 92 J/2
RÉGION DU S.N.R.C.

REF. CU 2
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

FITZSIMMONS

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 50°08'30" Long. 122°56'30"
Lat. Long.

Mining Division Vancouver
Division minière

District
District

New Westminster

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 formation consists chiefly of metamorphosed sedimentary rocks, including limestone which has been fractured, sheared, fissured, intruded by a number of narrow porphyry dykes, and altered to include garnet and epidote. The ore appears to be associated with the dykes and occurs in the altered limestone in indefinite bunches. The mineralization consists of chalcopyrite, pyrite, zinc blende, and some magnetite.

On the Yellow Jacket claim a pyrite-chalcopyrite bearing mineralized zone strikes northwesterly in a contact metamorphic gangue of mainly epidote.

In the Sunrise claim pyrite and zinc blende occur as massive outcrops up to 30 feet wide at intervals along a northwesterly strike; the intervening gangue consists only of pyritized limestone.

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

This property is located on the east side of Fitzsimmons Creek near its outlet at Green Lake and covers two separate showings, the one containing pyrite-chalcopyrite mineralization lies at the 2,400 foot elevation; the other, containing zinc-pyrite mineralization, lies about 400 feet southeasterly at the 2,700 foot elevation.

The property was reportedly staked in 1901 and in 1913, six claims, the Yellow Jacket (Lot 3076), Blue Jacket, Sunrise, All Up, Last Chance, and Leona Fractional were Crown-granted to J.A. Fitzsimmons and W.R. Brown. The initial work on the property consisted of open cuts, stripping, and several short adits.

The Consolidated Mining & Smelting Company of Canada, Limited, optioned the property in 1918 and carried on a limited amount of exploration work, after which the option was dropped. The Porcupine Mining Company, an Ontario incorporation, put down two diamond drill holes on the property in 1926. The Consolidated Mining & Smelting Company reoptioned the property in 1927. Further surface work was done and 5 diamond drill holes were put down in the zinc showings. Although the surface ore exposures on the property are exceptionally attractive, the results of the diamond drilling by Consolidated were not encouraging with the exception of one hole which entered ore at 230 feet and continued in it to 270 feet.

The Granby Consolidated Mining, Smelting, and Power Company, Limited, reportedly put down 3 diamond drill holes on the property in 1951.

The New Jersey Zinc Exploration Company (Canada) Ltd. optioned the property and during 1963 geological and magnetometer surveys were carried out.

Associated minerals or products - Zinc.
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
503261

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Annual Reports, Dept. of Mines, B.C.: 1913, p. 424;
1918, p. 293; 1928, p. 387; 1963, p. 96.

Camsell, C.; Reconnaissance Along the Pacific Great
Eastern Railway Between Squamish and Lillooet;
Summary Report 1917, Pt. B, p. 20, Geol. Surv. of
Canada.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 92 J, Pemberton, B.C., (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par								
Date Date	06-66							

BCI 92J/SE-13