

PRODUCT SILVER
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE British Columbia

N.T.S. AREA 104 B/1
RÉGION DU S.N.R.C.

REF. AG 4
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

ST. EUGENE

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Mining Division Skeena
Division minière

County
Comté

Lot
Lot

Sec
Sect.

Lat. 56°11'10"

Lat.

District
District

Township or Parish
Canton ou paroisse

Concession or Range
Concession ou rang

Tp.
Ct.

R.
R.

Long. 130°06'

Long.

Cassiar

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rocks are mainly greenstones and some argillites of the Jurassic Hazelton group. Four parallel quartz veins strike about north-south and dip steeply east. Three are within a zone about 50 feet wide and the fourth is about 150 feet to the east. The group of 3 veins crosses from a reddish fine-grained siliceous rock to a narrow band of argillites and on into greenstone. The veins widen to as much as 5 feet in the siliceous rock, but elsewhere are generally less than 1 foot wide. The greatest length of any of the veins is 60 feet, and one is no more than 20 feet long. The 4th vein is more uniform in width, varying from 1 to 2 feet, and can be traced for a considerable distance. The veins are mineralized with pyrite, galena, sphalerite, tetrahedrite, and in the case of the 4th vein, some chalcopyrite.

Associated minerals or products - Lead, zinc, copper.
Minéraux ou produits associés

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

This property is located at the 5,000 foot elevation on the north slope of a mountain, known at one time as August Mountain, about $\frac{3}{4}$ mile west of the south end of Summit Lake.

The St. Eugene group of 10 claims, consisting of the St. Eugene, St. Eugene Nos. 2 & 3, St. Eugene Extension, St. Eugene Fraction, Grey Copper, Grey Copper Fraction, Big Ben, and Big Ben No. 1 claims, was owned by Albert Johnson and associates in 1927. The St. Eugene No. 3 claim (Lot 4502) was Crown-granted in 1927. No development work has been reported.

Granduc Mines, Limited located the Wolf group of 10 claims across the south end of Summit Lake in 1963. No significant mineralization was reported and the claims were forfeited.

Annual Reports, Department of Mines, British Columbia:
1927, pp. 104, 481.

Hanson, George; Portland Canal Area, British Columbia;
Memoir 175, p. 167, Geol. Surv. of Canada, 1935.

Grove, Edward W .; Geology and Mineral Deposits of the
Stewart Area; Bulletin No. 58, p. 169, British
Columbia Dept. of Mines, 1971.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 307 A, Portland Canal Area, B.C., (Geol.), Sc. 1":4 miles -
accomp. Memoir 175.

Geological Map of the Stewart Area, Sc. 1": $\frac{1}{2}$ mile, Fig. 3,
Sheet C - accomp. Bulletin No. 58.

Stewart Area, Crown-grant claim map, Fig. 15 C - accomp.
Bulletin No. 58.

Map 104 B, Iskut River, B.C., (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	02-67	10-74					