

PRODUCT
PRODUIT

GOLD

PROVINCE OR
TERRITORY

PROVINCE OU
TERRITOIRE

British Columbia

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

REF. AU 4
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

HIGH GRADE (HARNER-FICKLIN), PRINCE GEORGE

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Mining Division
Division minière

Skeena

County
Comté

Lot
Lot

Sec
Sect.

Tp.
Ct.

Lat. 55°49'40"

District
District

Township or Parish
Canton ou paroisse

Concession or Range
Concession ou rang

R.
R.

Long. 129°52'30"

Cassiar

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rock is argillite and overlying volcanic rocks of the Hazelton group. Coast Range intrusives outcrop near the western edge of the High Grade claim group. On the High Grade group, most of the exploration work has been confined to three more or less parallel veins known as the Upper, Middle and Lower. The Upper vein strikes about N75°W (mag.) and dips northeast into the hill at 45 to 55°. On the surface the vein is 2 to 9 feet wide and consists of a series of sulphide lenses and more sparsely mineralized zones of quartz and silicified country rock. A short adit driven on the vein exposes only a few rusty-quartz stringers. The Middle vein consists of a fairly wide zone of silicified and brecciated argillite containing numerous lenses and veinlets of quartz and pyrite. The Lower vein is up to 7 feet wide and consists of quartz, silicified country rock, and variable amounts of pyrite. The veins are mineralized with pyrite, galena, sphalerite, and chalcopyrite. Good values in silver and gold have been obtained from the vein outcrops.

On the Prince George group a quartz vein up to 4 feet wide in granite contains pyrite, chalcopyrite, galena, and sphalerite.

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

HISTORY OF EXPLORATION AND DEVELOPMENT

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The High Grade group is located between elevations of 4,000 and 5,500 feet on the east side of the placier in Magee Pass, 8½ miles southeast of Stewart. The Washington property lies less than a mile to the northwest. The location of the Prince George group is not known, other than that two of the claims lie in the granite on the south side of Magee Pass.

The High Grade group of 7 claims was owned and under development by H. Ficklin and W. Harner, of Stewart, in 1926 and 1927; exploration work was done in open cuts and a crosscut adit. The claims were subsequently sold to a Vancouver syndicate which formed Marmot River Gold Mines, Limited in February 1928. Additional staking was done to acquire all of the adjacent ground, making a total of 14 claims and fractions. Exploration work by the company was done in 3 crosscut adits, and drifts on the veins; about 2,000 feet of tunneling has been done on the property. No. 1 crosscut was driven for 490 feet to reach No. 1 vein and drifting done on the vein. No. 2 crosscut was driven 80 feet to reach No. 2 vein, which was drifted on for 320 feet. No. 3 crosscut was reportedly driven 198 feet in 1928; in 1929 it was reported that the crosscut had about 25 feet to go to reach No. 3 vein. Apparently nothing of importance was found in this work. The company suspended operations in July 1929. Fourteen claims, the High Grade Nos. 1-3, High Grade Fraction, High Grade Extension Nos. 1-2, Apex Nos. 1-2, and Rawhide Nos. 1-4 (Lots 5068-5079 respectively), and the M.G. Fraction and Rawhide Fraction (Lots 5082 and 5083), were Crown-granted to the company in 1929. The company charter was surrendered in 1938.

The Prince George group of 8 claims, the Prince George, Prince George Nos. 1-4, Buena Vista, New Strike, and Cussedness Fraction, was owned by Messrs. Newey, Donald, McNicholl and associates in 1921 and 1922. Open cutting was reported on the New Strike claim which lies in the granite on the south side of Magee Pass.

Reports of Minister of Mines, British Columbia:

1921, p. 61; 1926, p. 88; 1927, p. 83; 1928, p. 94.

Mineral Policy Sector; Corporation Files: "Marmot River Gold Mines, Limited".

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, pp. 120, 137, G.S.C., 1935.

AP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

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

REMARKS/REMARQUES

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