

PRODUCT SILVER
PRODUIT

PROVINCE OR PROVINCE OU British Columbia
TERRITORY TERRITOIRE

N.T.S. AREA 103 P/12
RÉGION DU S.N.R.C.

REF. AG 14
RÉF.

NAME OF PROPERTY DAVID COPPERFIELD, SURPRISE
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 55°40'30" Long. 129°30'30"
Lat. Long.

Mining Division Skeena
Division minière

District Cassiar
District

County
Comté

Township or Parish
Canton ou paroisse

Lot
Lot

Concession or Range
Concession ou rang

Sec. Tp. R.
Sect. Ct. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rock is mainly volcanic agglomerate and tuff of the Hazelton group. A vein, which varies in width from a few feet to 12 feet, strikes east-west (mag) and dips 50° north. On the David Copperfield claim the vein has been traced westward from the Kitsault river for a thousand feet. The vein is composed of quartz, barite, and calcite, and is slightly mineralized with pyrite, galena, and sphalerite in small specks. Low values in silver have been obtained. On the east the vein passes into the Surprise claim where it splits into a zone 25 feet wide containing a number of quartz-barite veins separated by tuffaceous rocks; this portion of the vein appears to be barren of sulphides.

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

The David Copperfield property is located on the west side of the Kitsault River about 13½ miles north of the community of Alice Arm. The Surprise claim lies on the east side of the river and adjoining. The David Copperfield group adjoins and lies south and west of the Dolly Varden No. 5 claim.

The David Copperfield claim was owned in 1916 by W. McLean. Exploration work to this time had been done in open cuts and a short adit. The David Copperfield claim (Lot 3520) and Silver Bell Fraction claim (Lot 3521) were owned in 1919 by W. McLean and R. McGinnis, of Alice Arm, and A.E. Wright, of Prince Rupert. Development work to this time consisted of a 10 foot long adit about 25 feet above the river and a series of open cuts across the vein at intervals from the river to about the 1,900 foot elevation. The David Copperfield claim was Crown-granted in 1920; the Silver Bell Fraction was Crown-granted in 1924.

The Surprise claim (Lot 4335) was owned by Angus McLeod from about 1916; the claim was Crown-granted in 1924.

Two claims were acquired in 1952 by R.L. Clothier, of Vancouver. Considerable stripping, and 770 feet of diamond drilling was done along the vein with a small portable drill but no new mineralization was revealed.

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

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Hanson, George; Upper Kitsault Valley, British Columbia; Summary Report 1921, Pt. A., p. 18, Geol. Survey of Canada.

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, pp. 60, 81, Geo. Survey of Canada, 1935.

Reports of Minister of Mines, British Columbia: 1916, p. 79; 1917, p. 46; 1919, pp. 49, 52; 1924, p. 367; 1954, p. 84.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Geology of Upper Kitsault Valley Area, Sc. 1":2,250 ft., Fig. 1, Report of Minister of Mines, British Columbia, 1951, p. 79.

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

Map 103 P, Nass River, B.C., (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By
Comp./rév. par

Date
Date

04-68

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