

PRODUCT GOLD
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE British Columbia

N.T.S. AREA 92 F/1
RÉGION DU S.N.R.C.

REF. AU 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

VULCAN

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°08' Long. 124°16'
Lat. Long.

Mining Division Alberni
Division minière

District Dunsmuir
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

Mineralization occurs in a strong shear-zone in andesitic greenstone. The shear-zone, ranging from 1 to 3 feet in width, consists of highly crushed unmineralized greenstone and two quartz-sulphide bands, a hanging-wall and foot-wall band, each of which ranges from 2 to 6 inches in width. These bands are very lenticular and discontinuous. They consist of quartz, associated with abundant pyrite and smaller amounts of galena and sphalerite. The gold values are confined to the quartz-sulphide bands, which reportedly assay up to \$100 a ton, depending on the pyrite content; the sheared greenstone is practically barren.

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

This property is located at the 2,300 foot elevation on Deadhorse Creek, on the west slope of Mount De Cosmos, some 3 miles northwest of Nanaimo Lakes.

Four claims, the Vulcan, Austrian, African, and Alliance (Lots 48 G-51 G) were Crown-granted to Samuel M. Robins in 1899. Development work at this time consisted of an inclined shaft, reported to be 105 feet deep, and two shaft drifts, one driven from the shaft and the other from the surface.

The claims were owned by J.R. Kingham in 1930, however, no work was reported at this time. All but the Vulcan claim reportedly reverted to the Crown. Messrs. Lorinde and Parr acquired the Vulcan claim and in December 1936 staked the Vulcan Nos. 1 and 2 claims, which were Crown-granted the following year.

The Crown Gold Mining Syndicate held the property from 1937 through 1940. In May 1940 R.A. Pitre optioned the property and completed 78 feet of drifting from the old shaft. The option expired at the end of July and the mine remained idle until September when M. Zablosky and associates leased the property. Some 15 feet of drifting was done at a point close to the bottom of the shaft; the mine closed in November and no further work was reported until 1963.

Sileurian Chieftain Mining Company Limited began work on the property in 1963. During 1963-64 some 200 feet of drifting was done on the shear zone, the adit being some 20 feet below the level of the collar of the old shaft; a connection was made with the shaft for ventilation purposes. Some 260 feet of diamond drilling was done from the adit. Work was discontinued in March 1964.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

In 1940, 12 tons of ore were reportedly shipped to Tacoma, Washington; the returns for this shipment are not available.

REFERENCES/BIBLIOGRAPHIE

Stevenson, J.S.; Vulcan Group; Report of Minister of Mines, British Columbia, 1937, pp. F-13-F-15.

Annual Reports, Dept. of Mines, B.C.: 1899, p. 851; 1904, p. 302; 1930, p. 303; 1940, p. 73; 1963, p. 121; 1964, p. 168.

Mineral Policy Sector; Corporation File: "Sileurian Chieftain Mining Company Ltd."

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 49-1963, Alberni Area, B.C., (Geol.), Sc. 1":2 miles.

Map 92 F/1 W, Nanaimo Lakes, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

BCI- 92F-114

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