

PRODUCT PRODUIT	SILVER	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 103 P/6 RÉGION DU S.N.R.C.	REF. AG 4 RÉF.
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NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

WOLF

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Mining Division Division minière	Skeena	District District	Cassiar
County Comté		Township or Parish Canton ou paroisse	
Lot Lot		Concession or Range Concession ou rang	
Sec Sect.	Tp. Ct.	R. R.	

Lat. 55°29'  
Long. 129°29'30"

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

Sileurian Chieftain Mining Company Limited,  
201, 846 W. Hastings St.,  
Vancouver, British Columbia.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The country rock is argillite and argillaceous quartzite intruded by many lamprophyre and diorite dykes. The sediments strike north and dip 20° west. Most of the dykes are vertical and strike north 30° east. The mineral deposits are three, narrow, silver-bearing quartz veins lying parallel with the enclosing strata and structurally about 100 feet apart. The veins, generally about one foot wide, occur in fracture zones. Underground work has proven a strike length for the middle vein of 220 feet and a dip depth of 70 feet. The veins consist of white quartz containing rock fragments, ankerite, calcite, barite, and bands and disseminations of sulphides. The bands, up to 8" thick, contain pyrite, chalcopyrite, sphalerite, galena, tetrahydrite, ruby silver, and native silver.

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

The Wolf claim is located on the lower end of Falls Creek, less than ½ mile northwest of the community of Alice Arm.

The Wolf claim (Lot 3821) owned by J.E. Clark from about 1916, was Crown-granted in 1920. The claim was bonded to J. Fiva & associates in about 1925. The hanging wall was stripped off the vein for 125 feet and the showing mined out, sorted, and shipped; underground work was begun in 1925. A crosscut was driven 155 feet to the vein and drifting and raising carried out on the vein. Development work to 1929 totalled about 450 feet of tunneling and a 40 foot raise to the surface. By 1930 the claim was owned by J. Fiva & associates. No work was reported from 1930 until 1938 when J. Fiva mined and shipped a few tons of ore to the Provincial Government Sampling Plant at Prince Rupert.

The mine was idle again from 1939 until 1953 when Silver Prince Mines Limited acquired the claim and began exploration work in open cutting and drifting; some ore was shipped at that time.

Sileurian Chieftain Mining Company Limited optioned the claim in about 1965, along with the nearby Esperanza and Arcadia groups. Diamond drilling was done in 1965 in 5 short holes but it is not known on which property.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1925 to 1953 inclusive, 50 tons of ore were shipped from this property. From this ore, 8 ounces of gold, 4,948 ounces of silver, 162 pounds of copper, 768 pounds of lead, and 726 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, p. 86, Geol. Surv. of Canada, 1935.

Hanson, George; Mineral Deposits of Alice Arm District, British Columbia; Summary Report 1928, Pt. A, p. 31, Geol. Surv. of Canada.

Reports of Minister of Mines, British Columbia: 1916, p. 64; 1925, p. 74; 1926, p. 79; 1927, p. 70; 1928, p. 79; 1929, p. 84; 1930, p. 93; 1938, p. B 26; 1953, p. 90; 1965, p. 63.

Mineral Policy Sector; Corporation Files: "Sileurian Chieftain Mining Company Limited".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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	05-68						