

PRODUCT PRODUIT	GOLD	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 82 F/3 RÉGION DU S.N.R.C.	REF. AU 7 RÉF.
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NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

ORE HILL

OBJECT LOCATED - adit.
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 49°07'25"

Long. 117°08'35"

Mining Division Nelson
Division minière

District
District

Kootenay

County
Comté

Township or Parish
Canton ou paroisse

Lot

Concession or Range
Concession ou rang

Sec
Sect.

Tp.
Ct.

R.
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Lower Cambrian (?) argillites and quartzites of the Reno Formation are overlain by argillite and limestone of the Liab Group. These rocks are folded into northerly trending anticlines and synclines. Mineralization occurs locally as replacements of the limestone with sphalerite, galena and pyrite over widths of 3 to 4 feet, and as disseminated grains along the bedding planes of the limestone. Mineralization also occurs with quartz in fractures where one or both walls of the fracture is limestone; the mineralization may consist of almost solid sulphides in lenses up to several inches wide. In the lower adit an assay across a 4" quartz lens well mineralized with pyrrhotite gave 0.94 oz/t Au, 0.05 oz/t Ag, 1.5% Zn.

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

The property is located at about 5,200' elevation on Billings Creek, a northerly flowing tributary of Sheep Creek, 7½ miles southeast of Salmo. The Summit property adjoins to the southwest.

The showings were staked in 1901 and the Ore Hill claim (Lot 2073) was Crown-granted to G. Birtsch in 1903; other claims subsequently Crown-granted included the Dixie (10264), Ore Hill No. 3 (10265), Standard (10267), and Last Dollar (10269). The property was acquired by G.G. Eitel & associates, of Minneapolis, and some development work was reported in 1906. Early work was done in open cuts and 2 adits on the west side of the creek. Later work was done in at least 7 adits on the east side of the creek. A 7-ton-per-day stamp mill was installed in about 1914; the property was apparently under lease at that time to W.B. DeWitt & associates, lessors of the adjoining Summit property. In 1917 C.H. Cassell, of Oranda, Washington, leased the property. Open cutting and about 90' of crosscut and drifting was carried out and some ore was milled in 1918. W.B. Poole & associates carried out some development work in the lower crosscut adit during 1919-20.

In 1934 Joe Gallo optioned the property and an adit was begun on a new showing on the east side of the creek. Kootenay Ore Hill Gold Mines, Limited was incorporated in June 1936 to acquire the property from Mr. Gallo. During 1936-37 the adit begun by Mr. Gallo was extended to 385 feet with drifts 80' westerly and 315' easterly. Another adit, 180' lower, was driven 1,095' with a drift to the west for 50'; some ore was stoped from the upper adit west drift. In October 1936 a 10-ton-per-day stamp mill was installed at the lower adit. During 1938 the company leased the Ore Hill and Summit properties to H.D. Forman, who carried out mining and milling operations during the period February to May of that year.

Sheep Creek Gold Mines, Limited, owner of the nearby Queen Mine, acquired the property from Kootenay Ore Hill Gold Mines and G. Birtsch in 1939. A 1,600' crosscut was driven from the Queen No. 5 level to Ore Hill ground. From this crosscut 279' of drifting, 1,326' of crosscutting, and 1,145' of diamond drilling was completed in 1940. A geological survey was reported by the company on Ore Hill ground in 1947.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Recorded production for the period 1906-1940 totals 2,469 tons. From this ore 2,849 ounces of gold, 5,415 ounces of silver, 186,940 pounds of lead, and 166,784 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia:
 1903, p. 243; 1906, pp. 148, 248; 1910, p. 111;
 1914, p. 328; 1915, pp. 136, 445, 450; 1917,
 pp. 170⁺, 195; 1918, p. 198; 1919, p. 159;
 1920, p. 134; 1935, p. E 30; 1936, pp. E 14-16⁺⁺⁺;
 1937, p. E 47; 1938, p. E 39; 1939, p. 84; 1940,
 pp. 26, 68; 1958, p. 63.

⁺⁺Walker, J.F.; Geology and Mineral Deposits of Salmo Map-
 Area, British Columbia; Memoir 172, p. 80, Geol. Surv.
 of Canada, 1934.

Mathews, W.H.; Geology of the Sheep Creek Camp; Bulletin
 No. 31, pp. 63, 65, 77, British Columbia Dept. of
 Mines, 1953.

Minerals Sector; Corporation Files: "Kootenay Ore Hill
 Gold Mines, Limited"; "Sheep Creek Gold Mines, Limited".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

#Geological Map of Sheep Creek Mining Camp, Sc. 1":1,500',
 Fig. 1, Bulletin 31, B.C. Dept. of Mines, 1953.
 Geological Map of the Salmo Lead-Zinc Area, Sc. 1":2,000',
 Fig. 3, Sheet 3 - accomp. Bulletin No. 41, British
 Columbia Dept. of Mines, 1959.
 Map 299 A, Salmo, (Geol.), Sc. 1":1 mile - accomp. Memoir 172,
 Geol. Surv. of Canada.
 Map 8479 G, Salmo, (Aeromag.), Sc. 1":1 mile.
 *Map 82 F/3 E, Salmo, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	09-80						