

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

RED BUCK

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

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

Lat. 49°20'50"
Long. 120°33'

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The formation includes a complex of Nicola volcanic rocks cut by dykes and irregular masses of the Lost Horse intrusions, the whole impregnated with pegmatite material and small pegmatite dykes consisting of orthoclase, albite, and quartz; the property is within the area underlain by the Copper Mountain stock. The pegmatite dykes trend in a northwesterly direction following the general strike of the Nicola volcanics. The small irregular orebodies tend roughly to follow the strike of the pegmatites. The ore consists of irregular disseminations of chalcopyrite and pyrite with much feldspar and other pegmatitic material distributed through andesite and latite over a large section of the Red Buck and adjoining claims. The first 50 feet of the lower tunnel exposed ore averaging 3% copper, and the first 25 feet of ore averaged 4.02% copper.

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

This property is located on the west side of the Similkameen River about 8 miles south of Princeton and about a mile northwest of Copper Mountain.

The Red Buck, Red Buck Fraction, and Bornite claims were owned and under development by Messrs. Allison and Revely in 1899. The Red Buck claim (Lot 279) was Crown-granted in 1906. The Mogul Crown-granted claim, adjoining the Red Buck on the north, was owned and prospected by Messrs. Willarson & Johnson in 1908.

Intermittent exploration and development work was carried out on the Red Buck property until 1928 when Messrs. Allison and Revely optioned their claims to Fred Foster and associates of Spokane who formed Red Buck Mines Ltd. in March 1935. The company carried on development work in 3 adits; No. 1 adit, at the rivers edge, was extended westerly to a total length of 700 feet; No. 2 adit, 200 feet above No. 1, was driven some 130 feet; No. 3 adit was driven for 180 feet. A 100 ton flotation mill, built on the east side of the river, was put into operation in December 1938, however, the hope of developing further ore failed to materialize and the mill was closed down in the early part of 1939.

Newmont Mining Corporation of Canada Limited acquired the Red Buck and adjacent properties in 1966. Detailed geological mapping, ground magnetometer, induced potential, and soil geochemical surveys were carried out over the Red Buck property in 1968.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Production figures are incomplete; 40 tons of sorted ore reported shipped to the Greenwood smelter in 1910 assayed: gold, 0.14 and silver 1.5 ounces per ton, and copper, 6.63%. Production during the period 1915-1939, for which the tonnage figures are not available, was reported to be: gold, 9 ounces; silver, 69 ounces; copper, 13,336 pounds.

REFERENCES/BIBLIOGRAPHIE

- Rice, H.M.A.; Geology and Mineral Deposits of the Princeton Map-Area, B.C.; Memoir 243, p. 89, Geol. Surv. of Canada, 1947.
- Dolmage, V.; Geology and Ore Deposits of Copper Mountain, British Columbia; Memoir 171, p. 36, Geol. Surv. of Canada, 1934.
- Annual Reports, Dept. of Mines, B.C.; 1901, pp. 1088, 1171; 1908, p. 128; 1927, p. 253; 1928, p. 265; 1937, pp. D 24-D 26; 1938, p. D 37; 1939, p. 89; 1967, p. 181; 1968, p. 208.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 888 A, Princeton, B.C., (Geol.), Sc. 1":4 miles - accomp. Mem. 243.

Map 889 A, Princeton, B.C., (Mining Properties), Sc. 1":4 miles - accomp. Mem. 243.

Map 92 H, Hope, B.C., (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By
Comp./rév. par

Date
Date

05-66

09-72

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