

PRODUCT GOLD
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 82 F/4
RÉGION DU S.N.R.C.

REF. AU 7
RÉF.

NAME OF PROPERTY O.K.
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°04'20" Long. 117°50'50"
Lat. Long.

Mining Division Trail Creek District Kootenay
Division minière District

County Township or Parish
Comté Canton ou paroisse

Lot Concession or Range
Lot Concession ou rang

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

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The claim is underlain mainly by fine-grained, massive andesite, with minor interbeds of tuffaceous slate and limestone all of the Mount Roberts formation; one of the limestone beds has produced fossils of Pennsylvanian age. These rocks are overlain to the west by volcanic rocks of the Rossland formation, and to the south are bounded by a large body of serpentinite which is also exposed in the lower workings of the mine. The rocks of the Mount Roberts formation are intruded by a small body of biotite monzonite and several lamprophyre dykes, some of which are up to 10 feet wide. Three veins, which are up to 2 feet wide, strike easterly and dip at moderate to steep angles southward. The gangue minerals of the veins are quartz and some ankerite. The veins contain pyrite, chalcopyrite, a little galena, and free gold. The ore is found in rich pockets that are erratically distributed in the veins.

Associated minerals or products - Silver, copper.
Minéraux ou produits associés

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

This property is located at the 3,500 foot elevation on the east side of O.K. Mountain, about 1½ miles west of Rossland. The I.X.L. claim lies to the east and adjoining.

The O.K. claim (Lot 678) was located by J.Y. Cole in June 1892 and Crown-granted in 1896. Underground work by Mr. Cole & associates opened up a large pocket of high-grade free gold-bearing quartz. The O.K. Gold Mining Company, a Spokane, Washington, company, which was registered in B.C. in 1895, acquired the property and carried on mining operations until August 1897 when the affairs of the company were ordered wound up. Most of the old underground workings were driven during the period 1893-1896 and include about 1,000 feet of crosscuts, drifts and raises in 3 adits. During the period 1923-1944 lessees carried out some exploration work each year in search of the downward continuation of the O.K. veins or the extension of the I.X.L. veins.

The O.K. claim was owned by Mrs. J. Pike, of California, and J. Wey and Mrs. Anabelle, of Seattle, in 1953. Some rehabilitation and exploration work was done by lessee M. Doran in 1953 and 1956.

Midnight Consolidated Mines Ltd. was organized in September 1956 to carry out exploration work on the O.K., I.X.L., and Midnight claims. A small amount of drifting was done on the O.K. claim before operations ceased in April 1957.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

Production figures are incomplete and do not include the high-grade gold recovered during the first few years of operation. As an indication of the richness of this ore the 1893 B.C. Annual Report states that the owners "extracted \$4,000 of gold in one week by the crude means of a hand-mortar only."

From 1906 to 1939, 388 tons of ore were shipped from this property. From this ore 676 ounces of gold, 782 ounces of silver, and 1,839 pounds of copper were recovered.

REFERENCES/BIBLIOGRAPHIE

Little, H.W.; Nelson Map-Area, West Half, British Columbia; Memoir 308, p. 180, Geol. Surv. of Canada, 1960.

Stevenson, J.S.; O.K.; Report of Minister of Mines, British Columbia, 1935, p. E 9.

Drysdale, C.W.; Geology and Ore Deposits of Rossland; Memoir 77, p. 151, Geol. Surv. of Canada, 1915.

Reports of Minister of Mines, British Columbia:
 1893, p. 1042; 1894, p. 738; 1896, p. 26; 1923, p. 231; 1933, p. 241; 1937, p. E 48; 1953, p. 113; 1956, p. 77; 1957, p. 41.

Mineral Policy Sector; Resource Files: MR-Au-301.00 - British Columbia.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1090 A, Nelson, B.C., (Geol.), Sc. 1":4 miles - accomp. Memoir 308.

Mineral Reference Map No. 5, Trail Creek & Nelson Mining Divisions, (Claim Map), Sc. 1":1 mile, Dept. of Lands, B.C., 1930.

Map 1004, Rossland Mining Camp, (Geol.), Sc. 1":1,200 ft. - accomp. Memoir 77.

Map 82 F/4, Rossland-Trail, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	09-68						