

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 1  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

CASINO RED CAP

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Lat. 49°04'30" Long. 117°39'

Mining Division Trail Creek District Kootenay

County Comté Township or Parish Canton ou paroisse

Lot Lot Concession or Range Concession ou rang

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

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

Columbia River Mines Ltd.,  
408, 470 Granville St.,  
Vancouver, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The formation consists of volcanics of the Rossland formation cut by quartz-diorite of the Nelson batholith, and later granitic intrusions. The showing is situated on the east end and on the south side of a westerly trending intrusion of monzonite which lies between the Nelson plutonic and Rossland volcanic rocks. The gold occurs in a series of narrow quartz veins which occur along the north-dipping contact of the monzonite with tuffs on the south. The veins have a general northeast strike and dip steeply to the northwest; vein width averages about 14 inches. Minor mineralization of galena, sphalerite, pyrite, and arsenopyrite occurs with the quartz. Where arsenopyrite occurs, gold assays up to 3 ounces per ton were obtained.

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 Columbia River near Casino Creek, about 5 miles southeast of Trail.

In 1951 the Casino Red Cap claim was owned by T.P. Voiken & Associates of Trail. The showing was developed by an open cut 8 feet long and 6 feet deep. A crosscut adit, collared 40 feet below the outcrop, was being driven towards the vein.

Nothing more was done with the property until 1957 when Messrs. Wells & Donnelly began development work on a part-time basis. Two drifts 200 feet long and 25 feet apart in elevation were driven on the near vertical vein. A stope 150 feet long and 6 feet wide was mined between the levels. A small amount of crosscutting was done on the lower level.

In 1961 the W.D. Mining Co. Ltd., consisting of 5 men with equal shares, operated the mine on a part-time basis. During the year 355 feet of diamond drilling was completed.

Casino Gold Mines Ltd. held an option on the property from June to September 1962. A geological survey was made and some development work done on No. 1 level; diamond drilling in 5 holes was done from No. 1 level. The property was then bought by Messrs. Donnelly, Pompu & Ernewin and in October stoping was begun above No. 1 level. During the first half of 1963 about 100 feet of crosscut and 75 feet of raise was completed; stoping was done on No. 1 vein between No. 1 & No. 3 levels.

Columbia River Mines Ltd. was formed in November 1963 to acquire the property and assets of W.D. Mining Co. In 1964 a development program consisting of 2,050 feet of drifts, raises, and sub-levels was begun on Nos. 1, 2 & 3 veins.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From 1951 to 1963, 5,761 tons of ore were shipped from this property. From this ore 2,362 ounces of gold, 662 ounces of silver, 8,997 pounds of lead, and 10,906 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Annual Reports, Dept. of Mines, B.C.; 1951, p. 135; 1957, p. 41; 1958, p. 36; 1959, p. 60; 1960, p. 66; 1961, p. 66; 1962, p. 71; 1963, p. 69.

Mineral Policy Sector; Corporation Files: "Columbia River Mines Ltd."

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

Map 1091 A, Nelson, B.C., (Mining Properties), Sc. 1":4 miles - accomp. Mem. 308.

Map 7-1962, Trail, B.C., (Geol.), Sc. 1":1 mile - accomp. Paper 62-5.

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

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	11-64						