

NAME OF PROPERTY NEW MAX (COPPER KING) (CHICKAMON STONE)

OBJECT LOCATED - Winze - from BCI 82 G/N - 6.

UNCERTAINTY IN METRES 300. Lat. 49°30'18" Long. 115°21'30"

Mining Division Fort Steele District Kootenay

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

As indicated on Map 11-1960 the property is underlain by Precambrian argillite, siltstone and quartzite of the Aldridge and Creston Formations.

The formation of the hillside consists of thinly bedded quartzites striking in a northerly direction and dipping to the west. The vein, which closely follows a diabase dyke and dips 70° to the north, striking east and west, can be traced for a considerable distance by a number of shallow diggings, including several small shafts.

Several quartz stringers cut by the lower adit carry values in lead, zinc, and silver. A sample of the best mineralization assayed: gold, trace; silver, 1.4 ounces per ton; lead, 10.9%; zinc, 13.5% (Report of Minister of Mines, 1925, p. 228).

"Chalcopyrite and galena occur in quartz-siderite veins in metadiorite dykes" (Geology, Exploration, and Mining, 1972, p. 64).

Associated minerals or products of value - Silver, gold, lead, zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at elevations of 2,900-4,700 feet on the west bank of the Bull River, 13 miles due west of Fernie.

The Mabel and Chickamon Stone claims, owned by Johnson and Roberson of Fort Steele, were located on these showings in about 1896. By 1899 the workings on the Chickamon Stone claim included 360 feet of adit, 136 feet of shaft, and an 80 foot winze. The nearby Providence claim (Lot 6670) was Crown-granted to D.F. Desaulniers in 1905.

The property was acquired in about 1924 by W.S. Santos of Cranbrook as the Copper King (Lot 3915) and Copper Queen (Lot 3916) claims. These claims were Crown-granted to Mr. Santos in 1925. Development work was carried out during the period 1924-1928 and small amounts of ore shipped. The workings in 1926 were reported to comprise No. 1 adit driven on the vein for 270 feet, a winze to 76 feet, and a crosscut adit, 140 feet below No. 1 adit, driven for 347 feet.

The New Max 1-8, New Dam 1-6, and Providence claims were acquired by Placid Oil Company in about 1970.

Work on the property in 1972 included geological mapping, an electromagnetic survey over 6 line-miles, and a geochemical soil survey comprising 1,500 samples.

HISTORY OF PRODUCTION

From 1924 to 1928 inclusive, 14 tons of ore were shipped from this property. From this ore 1 ounce of gold, 105 ounces of silver, and 906 pounds of copper were recovered.

REFERENCES

Reports of Minister of Mines, British Columbia: 1898, p. 1006⁺; 1899, p. 659; 1924, p. 186; 1925, p. 228⁺⁺, 449; 1926, p. 244; 1928, p. 282.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1972, p. 64⁺⁺⁺.

MAP REFERENCES

Map 11-1960, Fernie, (Geol.), Sc. 1":2 miles.

Map 82 G/11, Fernie, (Topo.), Sc. 1:50,000.

Map 749 G, , (Aeromag.), Sc. 1":4 miles.

REMARKS

Comp./Rev. By	DMacR						
Date	12-77						