

NAME OF PROPERTY KING SOLOMON & COPPER QUEEN (COPPER CAMP)

LOCATION - Center of lots.

Lat. 49°07'06" Long. 118°46'58"

Uncertainty radius: 300 m.

Mining Division Greenwood

District Similkameen

County

Township or Parish

Lots 387, 388

Concession or Range

Sec.

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

1967 - McIntyre Porcupine Mines Limited.

DESCRIPTION OF DEPOSIT

Several dykes of porphyry and felsite cut Devonian limestone which extends north and south from the head of Copper Creek. The mineralized zone is 40 x 250 ft. and occurs along the contacts of the dykes with the limestone. The ore is chalcocite, bornite, chalcopyrite and hematite and has quartz gangue. The orebodies are almost entirely oxidized at the surface.

In 1954, a new orebody was discovered, striking 26°E and dipping 70°SE, conformable with the bedding. Here, oxidation is complete and minerals include azurite, malachite, chalcocite and hematite.

HISTORY OF EXPLORATION AND DEVELOPMENT

The King Solomon and Copper Queen properties are located 7 miles west of Greenwood at an elevation of 4,500 ft. They were located in 1887 by Lefabre and Lynch. Assays taken in 1894 ran 15-20% Cu; a trace to 10 oz./ton Ag, and up to \$10/ton Au.

In 1896 the properties were owned by E.J. Roberts and in 1897 by D.C. Corbin of Spokane. A 30 ft. shaft was sunk that year and two years later it was extended to 90 ft. in 1902. The King Solomon property was shut down to await an advance in the price of copper and also the extension of a railway to the camp. In 1912, N. Morrison took over Copper Queen while Corbin still held King Solomon. The following year a small vein of high grade copper ore was located by an open-cut and a surface stop (underhand) for a distance of 200 ft. In 1916 an old tunnel on Copper Queen was extended by 100 ft., making it 216 ft. long.

In 1939 T. Paris and A.D. Papazian owned the properties and a road was constructed. The following year A.D. Oakey took over Copper Queen and a small amount of surface work was done. In 1954, W.E. McArthur of Greenwood owned the properties. He optioned to Noranda Exploration Company, Limited. Diamond drilling and surface stripping was done. There was an open pit on King Solomon and an adit driven on Copper Queen. The following year 16 claims on Copper Queen were optioned to the Consolidated Mining and Smelting Company of Canada Limited. Geologic mapping and 4 diamond drill holes, totalling 2,016 ft., were done. Aztec Exploration Ltd. took over in 1956 and a geophysical survey and 1,000 ft. of diamond drilling in 7 holes were done on Copper Queen. Two holes were diamond drilled and an electromagnetic survey was conducted on King Solomon in 1967.

In 1967, McIntyre Porcupine Mines Limited owned the properties. They carried out soil sampling, geological mapping, an I.P. survey, bulldozer stripping and 800 ft. of diamond drilling in four holes.

Assays from the properties ran 0.08-0.20 oz. Au/ton; 0.4 to 1.8 oz. Ag/ton, and 2.6-5.4% Cu.

HISTORY OF PRODUCTION

1901: 875 tons with 7.8% Cu.
1916-1918: 1,100 tons with 4.5% Cu. (In 1917, 217 tons of high grade ore was sent to the smelter at Greenwood.)
1939, 1954, 1955: 283 tons giving 52 oz. Au; 419 oz. Ag, and 28,627 lbs. Cu.

MAP REFERENCES

Sheet 82 E/SE (M1), Preliminary Mineral Inventory Map (1 in. to 2 miles), B.C. Dept. of Mines & Petroleum Resources.
Map 828 (1905), Boundary Creek Mining District, B.C., (Geol. & Topo.), (1 in. to 1 mile), Geological Survey of Canada.
Map 6-1957, Kettle River (East Half), (Topo.), (Geol.), (1 in. to 4 miles), G.S.C.
Sheet 82 E/2, NTS Map, (1:50,000), Dept. of Energy, Mines and Resources, 1969.

REMARKS

Lat. and long. measured on NTS Map Sheet 82 E/2.

REFERENCES

B.C. Dept. of Mines Reports: 1894, p. 755; 1896, pp. 562, 582; 1897, pp. 586-587; 1898, p. 1125; 1899, pp. 604, 768; 1901, pp. 1051, 1052; 1902, pp. 176, 180; 1903, p. 166; 1905, p. 183; 1912, p. 326; 1913, p. 150; 1916, p. 255; 1917, pp. 203, 213, 449; 1939, pp. A39, 81; 1940, p. A64; 1954, pp. 48, 119; 1955, pp. A47, 46; 1956, p. 75; 1960, p. 64; 1967, p. 227.

Bell, Robert; Summary Report on the Operation of the Geological Survey of Canada, Vol. XIV-1901 (pp. A64 to A67); Vol. XV-1902 (pp. A125-135-137, 432, 436), Geological Survey of Canada.

Hoffman, G.C.; Report of the Section of Chemistry and Minerology, Annual Report, Vol. XIII (pp. R20-21), Geological Survey of Canada, 1900.