

NAME OF PROPERTY

COPPER KING

OBJECT LOCATED -Centre of Copper King claim (Lot 3065 S).

UNCERTAINTY IN METERS-100.

Lat. 49°15'30"

Long. 119°50'35"

Mining Division Osoyoos

District

Similkameen

County

Township or Parish

Lot

Concession or Range

Sec

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

A stock of pyroxenite intrudes sedimentary and volcanic rocks of the Triassic (?) Shoemaker formation. The showing is on the west contact of the pyroxenite with Shoemaker quartzites and consists of a shear up to 6 inches wide mineralized with chalcopyrite and magnetite striking north 10 degrees west and dipping 80 degrees west. Some epidote-garnet skarn is present. The quartzites are intruded by diorite sills to which the vein shear is more or less parallel. The shear is exposed in a 35-foot shaft and, 200 feet northward on strike and 100 feet lower in elevation, it is exposed in a trench where it is in contact with a small body of limestone. An adit started in pyroxenite 25 feet northeast of it does not reach the shaft. There is no apparent relationship between this shear and the Golconda structure to the northwest.

Associated minerals or products of value

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located about one-half mile southwest of Olalla, and 4 miles north of Keremeos.

Development work was first reported on the Copper King in 1899. A crosscut adit was driven 50 feet and a shaft sunk to 35 feet. In 1902 the property comprised two claims, the Copper King and Pembroke, owned by John Stevens and John Buchan. Assessment work was carried out each year until 1911; the workings then comprised, in addition to the shaft, two crosscut adits 25 and 65 feet, respectively, and considerable open cutting.

No further activity was reported until 1917 when the Copper King group, comprised of 4 claims, the Copper King, Copper Hill, Copper King Extension, and Mountain Lion, was owned by R.W. Northey, of Olalla, and under lease to A. Hagelbey. A shipment of 4 tons of ore was made to the Grand Forks smelter during the year. Assessment work was continued for several years. In 1922 an adit on the Copper Queen claim, owned by Northey and Hagelbey, was driven about 100 feet on a narrow mineralized fissure in the direction of the Copper King shaft. The Copper King claim, Lot 3065 S, was Crown-granted in 1928 to the Estate of R.W. Northey, A. Hagelbey, and L.V. Newton.

Control of the Copper King claim was acquired by W.W. Geminder, of Olalla, in 1957. Open cutting was reported during the year. Friday Mines Limited acquired the property in 1961; trenching and diamond drilling was carried out during the year. The company name was changed to Polaris Mines Limited in 1966 and to Titan-Polaris Mines Ltd. in 1973.

BC Ref 82E/SW-116

Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa.

511839 *

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1899, p. 776; 1900, p. 884; 1902, p. 185; 1903, p. 176; 1904, p. 226; 1906, p. 170; 1909, p. 138; 1910, p. 124; 1917, p. 206; 1918, p. 211; 1920, p. 157; 1922, p. 163; 1928, p. 520; 1957, p. 34; 1961, p. 59.

MAP REFERENCES

Map 628 A, Olalla, (Geol.), Sc. 1":1 mile.

Map 15-1961, Kettle River, (Geol.), Sc. 1":4 miles.

*Map 82 E/5 W, Penticton, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	MacR						
Date	12-73						