

PRODUCT

COPPER

PROVINCE OR
TERRITORY

British Columbia

N.T.S. AREA 82 E/15

REF. Cu 1

NAME OF PROPERTY

PILOT & UTA

LOCATION

Approx.

Lat. 49°55'

Long. 118°30'20"

Mining Division **Vernon**District **Osoyoos**

County

Township or Parish

Lot

Concession or Range

Sec.

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The claims lie within an area of highly altered greenish rocks of the Palaeozoic Anarchist group. The metamorphosed rocks are saturated with granitic material and are cut by quartz porphyry dykes. At one point a basaltic dyke of possible Tertiary age was observed to dip 60° southwesterly. On the southwest edge of the dyke a belt several feet wide of sheared greenstone carries a little pyrite. On the discovery showing, trenches expose greenish, highly altered rocks carrying disseminated pyrite and, more locally, chalcopyrite, and, in one place, some molybdenite. The mineralization, although low grade, appears to be widespread.

HISTORY OF EXPLORATION AND DEVELOPMENT

This showing is located about 3 miles north-northeast of Lightning Peak, some 40 miles east of Kelowna.

The Pilot and Uta claims were held by location by Messrs. Nels Melstrom and Adam Scaia, respectively, in 1930. Exploration work at that time was confined to trenching; no further activity was reported. The Great Horn Mining Syndicate, a private company incorporated in Delaware, acquired over 200 claims in the vicinity of Lightning Peak in 1968; the Pilot and Uta showing may have been included in this ground.

HISTORY OF PRODUCTION

REFERENCES

Cairnes, C.E.; Lightning Peak Area, Osoyoos District, B.C.;
Summary Report, 1930, Part A, p. 115, Geol. Surv. of
Canada.

Reports of Minister of Mines, British Columbia; 1968, p. 224;
1969, p. 300.

MAP REFERENCES

Map 6-1957, Kettle River, (Geol.), Sc. 1"=4 miles.

Map 82 E/15 E, Damfino Creek, (Topo.), Sc. 1:50,000.

REMARKS

NOV 1970

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