

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

SOOTHERAN, COPPER QUEEN

OBJECT LOCATED - showings, from geographic data.
OBJET LOCALISÉ

| | | |
|---|---|---------------------------|
| UNCERTAINTY 500 m FACTEUR D'INCERTITUDE | Lat. 49°31'40" Lat. | Long. 120°53'40" Long. |
| Mining Division Similkameen Division minière | District District | Yale |
| 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

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Olivine Mountain is underlain by a Triassic intrusive complex of dunite, pyroxenite and gabbro, characterized by a concentric or zonal arrangement of rock units. On the northerly slopes of the mountain a north-striking set of shear zones contain quartz veins as groups of quartz stringers mineralized with pyrite, chalcopyrite, galena and sphalerite. Samples from the Sootheran claims assayed a trace of gold and a fraction of an ounce in silver. Showings on the Copper Queen claim were reported to be pyrite and chalcopyrite as apparent disseminations in small areas in pyroxenite.

HISTORY OF EXPLORATION AND DEVELOPMENT
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The showings are located on the south side of the Tulameen River about $\frac{1}{4}$ mile downstream from the junction with Britton (Eagle) Creek, some 16 miles west-northwest of Princeton.

Showings in this vicinity were worked in 1913 or earlier by W. Britton, of Tulameen. In 1918 the Quartz and Copper Queen 1 and 2 claims were owned by Andy Jensen, of Tulameen; trenching was reported. Mr. Britton did further work in this vicinity in 1926 on a new discovery of quartz containing free gold.

Garnet Sootheran, of Tulameen, owned two claims in this vicinity in the 1930's; trenching was reported.

Reports of Minister of Mines, British Columbia: 1913, p. 234; 1918, p. 214++; 1926, p. 228.

+Rice, H.M.A.; Geology and Mineral Deposits of the Princeton Map-Area, British Columbia; Memoir 243, p. 101, Geol. Surv. of Canada, 1947.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 888 A, Princeton, (Geol.), Sc. 1":4 miles, accomp. Memoir 243.

Generalized geology and structure of the Tulameen Complex, Sc. 1":3.5 miles, Fig. 2, Report by Findlay, p. 402, in Canadian Journal of Earth Sciences, Vol. 6 (1969).

Map 92 H/10, Tulameen, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

| | | | | | | | |
|---------------------------------|-------|--|--|--|--|--|--|
| Comp./Rev. By Comp./rév. par | DMacR | | | | | | |
| Date Date | 12-85 | | | | | | |