

NAME OF PROPERTY

STARLIGHT (PRINCE RUPERT)

OBJECT LOCATED -showings.

UNCERTAINTY IN METERS 1,000. Lat. 55°42'40" Long. 129°33'

Mining Division Skeena District Cassiar

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Sulphides occur in narrow northwest shears in a screen of metasedimentary rocks near the western contact of a feldspar porphyry intrusive. The showings occur at intervals over a strike length of approximately 800 feet and consist of quartz breccia veins with pyrite, chalcopyrite, and some sphalerite and galena in shear zones in greywackes and siltstones and enclosing light-green feldspar porphyry. A character sample from the northernmost showing, which is less than 2 feet wide, assayed: Gold, 0.01 ounce per ton; silver, 2 ounces per ton; copper, 1.46 per cent; lead, 0.11 per cent; zinc, 0.035 per cent. Two hundred and fifty feet south, a chip sample from a 3½-foot-wide zone of quartz with stringers of pyrite and chalcopyrite cutting feldspar porphyry and enclosed siltstone fragments assayed: Gold, trace; silver, trace; copper, 0.12 per cent. This zone is traceable for 40 feet along strike. The principal showing, exposed in a trench on the north side of a swamp at the junction

Associated minerals or products of value - Copper, gold, lead, zinc: p.t.o.

HISTORY OF EXPLORATION AND DEVELOPMENT

This occurrence is located at the 3,500 foot elevation on the west side of the Kitsault River, about 16¼ miles north of the community of Alice Arm.

Two claims, the Prince Rupert and Vancouver, were staked on this occurrence in about 1913 by Messrs. Peardon and Young. These claims lapsed and the ground was restaked in about 1916 by the original owners as the Starlight and Twilight claims. A small amount of work was reported in open cutting. The claims subsequently lapsed.

Dolly Varden Mines Ltd. staked 6 claims covering this property in 1970; a geochemical survey was carried out during the year.

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

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HISTORY OF PRODUCTION

REFERENCES

Carter, N.C.; Red Point, Copper Cliff, etc.; Geology, Exploration, and Mining, British Columbia Dept. of Mines, 1970, p. 81.

Reports of Minister of Mines, British Columbia: 1913, p. 82; 1916, p. 82; 1951, p. 96.

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, p. 80, Geol. Surv. of Canada, 1935.

Mineral Development Sector; Corporation Files: "Dolly Varden Mines Ltd."

MAP REFERENCES

#Geology of the Red Point, Copper Cliff, Dan Patch, etc., claim groups, Sc. 1":2,000 ft., Fig. 6, Geology, Exploration, and Mining, 1970, p. 83.

Geology of Upper Kitsault Valley Area, Sc. 1":2,250 feet, Fig. 1, Report of Minister of Mines, B.C., 1951, p. 79.

Map 307 A, Portland Canal Area, (Geol.), Sc. 1":4 miles - accomp. Memoir 175.

*Map 103 P, Nass River, (Topo.), Sc. 1:250,000.

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DESCRIPTION OF DEPOSIT (continued)

of northwest and north-northeast fault zones, consists of a 5-foot-wide zone in brecciated black siltstone. Quartz lenses, following northwest shears, contain stringers of pyrite and chalcopyrite and some sphalerite. A chip sample across the exposed width assayed: Gold, 0.02 oz. per ton; silver, 0.1 oz. per ton; copper, 0.13%; lead, 0.025%; zinc, 0.54%.

REMARKS

Comp./Rev. By	DMacR						
Date	11-74						