

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

COPPER CLIFF

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Mining Division Division minière	Skeena	District District	Cassiar
County Comté		Township or Parish Canton ou paroisse	
Lot Lot		Concession or Range Concession ou rang	
Sec Sect.	Tp. Ct.	R. R.	

Lat. 55°42'50"
Long. 129°32'30"

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

Dolly Varden Mines Ltd.,
1400, 409 Granville St.,
Vancouver, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The Copper Belt, which is 15 miles long and about 1 mile wide, lies between 5 and 10 miles east of the edge of the Coast Range intrusives and is nearly but not exactly parallel to the contact. The belt consists chiefly of fine grained fragmental volcanic rock and of grey to greenish grey crystalline rocks that are probably mainly intrusive. The rocks of the belt are highly sheared and much altered to, or replaced by, such minerals as sericite, chlorite, calcite, and pyrite. The belt is distinguished by the presence of copper showings, by the sheared nature of the rocks, and by the universal presence of pyrite. The Copper Cliff showings lie in the Copper Belt close to the contact with shaly beds on the east. Several open cuts on both walls of the canyon expose grey country rock containing a good deal of disseminated pyrite and some chalcopyrite. The amount of chalcopyrite present is estimated to be less than one per cent and the amount of copper is probably not more than a quarter of one per cent. The limits of the mineralization are not apparent.

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

The Copper Cliff property is located on the west side of the Kitsault River about 16½ miles north of the community of Alice Arm. The old workings are at about the 2,500 foot elevation in the canyon of Gash Creek, on the northeast slope of Combination Mountain.

With the discovery of good grade copper float on Gash Creek, two claims were located by A. Davidson, J. Wells, and associates of Alice Arm, in about 1913. By 1916 two additional claims had been located; these 4 claims the Copper Cliff and Copper Cliff Nos. 1-3 (Lots 3798, 3806-3808) were Crown-granted in 1921. Yearly assessment work was done in open cuts and in 1916 an adit was begun on the southeast side of the creek. Across the creek from the adit, the Granby Consolidated Mining, Smelting and Power Company, Limited in about 1917 ran a diamond drill hole for 170 feet; additional diamond drilling was done by the company further to the northeast. The owners extended the adit to a length of 45 feet in 1918. No further work was reported until 1926 when the Copper Cliff claims, along with the Red Point, Vanguard, and Homestake properties, were bonded by V. Spencer and associates, of Vancouver for Dolly Varden Properties, Limited. The adit on the Copper Cliff group was extended to a length of about 150 feet before the bond was relinquished in the fall of 1927. No further activity was reported and the claims subsequently reverted to the Crown.

In 1951 two of the claims (Lots 3807-3808) were held under lease by S. Uruski, of Alice Arm. The Copper Cliff and Copper Cliff Nos. 1-7 claims were acquired by Dolly Varden Mines Ltd. in about 1965. Copper Cliff Mines Ltd. was incorporated in March 1965 as a private company, controlled by Dolly Varden Mines. Additional claims were staked or purchased in 1966 and 1967. Geological mapping and a geochemical soil survey were carried out over 34 claims during 1970.

Black, J.M.; Copper Cliff; Report of Minister of Mines, British Columbia, 1951, p. 96.

Reports of Minister of Mines, British Columbia:
1913, p. 82; 1916, p. 82; 1918, p. 66; 1926, p. 82;
1927, pp. 77, 396.

Hanson, George; Portland Canal Area, British Columbia;
Memoir 175, p. 59, Geol. Surv. of Canada, 1935.

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

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

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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, B.C., (Geol.), Sc. 1":4 miles -
accomp. Memoir 175.

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

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

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	03-68	11-74					