

PRODUCT PRODUIT	COPPER	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA RÉGION DU S.N.R.C.	103 I/9	REF. RÉF.	CU 2
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NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

TOULON

OBJECT LOCATED - Toulon claim (Lot 2268).
OBJET LOCALISÉ

UNCERTAINTY FACTEUR D'INCERTITUDE	300 m	Lat.	54°39'	Long.	128°20'20"
Mining Division Division minière	Omineca	District District		Range 5 Coast	
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

Map 1136 A indicates the area is underlain by Jurassic Hazelton Group volcanics. In the vicinity of the showings these rocks are intruded by diorite and quartz-albite dykes and cut by a number of faults. The early underground work was done on three or more quartz veins striking southerly to southwesterly and dipping westerly. The veins are lens-like, from several inches to 3' in width and locally contain chalcocite, bornite and chalcopyrite. Half a mile farther east, the andesite on the west side of a quartz-albite dyke is sparsely mineralized with chalcocite and chalcopyrite over a width of 100'. The sulphides occur along fine joint fissures and as replacements near the joints.

A .0318 ton sample shipped in 1940 to the Prince Rupert sampling plant assayed: Gold, 0.15 oz/t; silver, 3.80 oz/t; copper, 2.9%; antimony, 0.5%.

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

The property is located at the 1,200' elevation on the north side of Bornite Mountain, some 14 miles northeast of Terrace.

The showings were staked in May 1899 by M.C. Kendall and associates, of Seattle. Annual assessment work was done in open cuts and adits. In April 1907 the Bornite Company, Limited was incorporated to acquire the property. Crown-grants were issued to the company in 1911 for the Toulon, Bull Dog, Mona, Montezuma and Portland claims, Lots 2268-2272 respectively. A 7,000' right-of-way was cleared for a tramline to the Skeena river but the tram was not installed. Work to date included more than 280' of drifts and crosscuts in 4 adits over a vertical range of 150'.

No further activity was reported until 1929 when the new owner, a Major McConnell, carried out prospecting and trenching. Copper River Exploration Company, Limited optioned the property in 1930 and some work was done that same year. The B.C. Dept. of Mines examined the property in 1937 and produced an unpublished report. In 1940 H. Orm sent two test samples to the Provincial Government sampling plant at Prince Rupert.

Northlode Exploration Ltd in 1965 held the Toulon and Copper Cliff groups comprising 11 recorded claims and 4 claims held under agreement. Work included 420' of diamond drilling in 6 holes on both sides of a deeply incised creek about half a mile easterly from the original workings. Hole #1 reportedly cut 41.5' assaying 1.27% copper.

Shasta Mines & Oils Ltd held about 50 claims in the 1967-69 period. Included were Mineral Leases on the Toulon Crown-grants, and on the nearby Golconda property (Ref. Cu 33). Work on the Toulon claims included induced potential and geochemical soil surveys.

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HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia: 1899, p. 656; 1900, p. 787; 1901, p. 999; 1902, p. 46; 1903, p. 52; 1908, p. 65; 1914, p. 133; 1929, p. 149; 1930, p. 136; 1965, p. 70; 1967, p. 82; 1969, p. 81.

+Kindle, E.D.; Mineral Resources, Usk to Cedarvale, Terrace Area, British Columbia; Memoir 212, p. 33, Geol. Surv. of Canada, 1937.

Mineral Policy Sector; Corporation Files: "Northlode Exploration Ltd"; "Copper River Exploration Company, Limited".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1136 A, Terrace, (Geol.), Sc. 1":4 miles - accomp. Memoir 329, Geol. Surv. of Canada, 1964.

Map 103 I/9, Usk, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	11-84						