

PRODUCT PRODUIT	COPPER	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 103 I/9 RÉGION DU S.N.R.C.	REF. CU 5 RÉF.
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NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

COPPER KING, NUGGET

OBJECT LOCATED - General location for both claim groups.  
OBJET LOCALISÉ

UNCERTAINTY FACTEUR D'INCERTITUDE	Lat. 54°36'30"	Long. 128°28'30"
Mining Division Division minière	Omineca	District District
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

A number of narrow lens-like quartz veins in Triassic (?) volcanics are irregularly mineralized with chalcocite, lesser chalcopyrite and pyrite, and locally contain specks of free gold. The volcanics are faulted and intruded by small masses and dykes of granodiorite. At the main Copper King showing a northwest dipping vein 18 to 27 inches wide has been traced for 125 feet. A sample across 2.5', as reported in 1928 assayed 0.34 oz/t Au, 1.1 oz/t Ag, 1% Cu; an adit failed to locate the downward continuation of this vein.

Blasting in 1969 at the 1,900' elevation exposed andesite porphyry containing one-eighth to one-quarter-inch blebs of pyrrhotite and chalcopyrite in a zone roughly 100 by 200 feet. A sample from this zone assayed 0.26% copper with a trace of silver and nickel.

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

The property is located on the lower south side of Kitselas Mountain some 8 miles northeast of Terrace.

The Copper King group of 4 claims was owned by Peter Brusk and associates from prior to 1914. The workings at that time comprised two adits 42' and 50' in length and two 15' winzes. In subsequent years about 235' of drifting and crosscutting was done in an adit about 100' below the main showing but the vein was not found.

The Nugget group of 3 claims, located east of the Copper King group, was owned by Brusk from 1928 or earlier. Work on these showings was done in open cuts and a 52' adit which failed to reach the vein. In 1937 the Nugget group consisted of 5 claims. Mr. Brusk mined several tons of material from one of the veins.

New Star Gold Mines Ltd in 1967 held 84 recorded claims in the Gold Star and Eastern Star groups covering these showings. Work to 1969 included geological mapping, magnetometer and geochemical surveys, trenching and blasting.

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Associated minerals or products - Gold, silver.  
Minéraux ou produits associés

Reports of Minister of Mines, British Columbia: 1914, p. 142; 1923, p. 105; 1928, pp. 145, 146; 1937, p. C 9; 1967, p. 81; 1969, p. 76<sup>+</sup>.

+Kindle, E.D.; Mineral Resources of Terrace Area, Coast District, British Columbia; Memoir 205, p. 52, Geol. Surv. of Canada, 1937.

Kerr, F.A.; Mineral Resources along Canadian National Railway between Prince Rupert and Prince George, British Columbia; Paper 36-20, p. 22, Geol. Surv. of Canada.

Duffell, S. and Souther, J.G.; Geology of Terrace Map-Area, British Columbia; Memoir 329, p. 86, Geol. Surv. of Canada, 1964.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

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

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	10-84						