

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 20 RÉF.
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NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

GOLD STAR (TRIUNE) (FRYING PAN)

OBJECT LOCATED - "B" zone, Fig. 22.
OBJET LOCALISÉ

UNCERTAINTY FACTEUR D'INCERTITUDE	300 m	Lat.	54°37'30"	Long.	128°28'
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

The upper part of the mountain is underlain by a sequence of volcanic rocks which occupy a complexly folded area cut by a northwest-striking fault. The oldest rocks, metavolcanics mapped as Permian age (Map 1136 A), are intruded by 2 to 5' wide basic dykes which occur in swarms in the A and B mineralized zones. Massive volcanic rocks apparently overlie the metavolcanic rocks unconformably.

At about 4,700' on the southeast side of the summit, chalcopyrite, bornite, and probably tetrahedrite occur as blebs and stringers in the plane of foliation in the metavolcanic rocks of the A zone, but, more commonly, mineralization is confined to closely spaced northeast and northwest vertical fractures and shear planes. In the B zone, very fine-grained copper-silver mineralization occurs along the margins of, and adjacent to, basic dykes.

Two samples were collected from the A zone, including one taken across 25 feet in a north-south direction which assayed: Silver, 0.8 ounce per ton; copper, 0.64 per cent;

p.t.o.

Associated minerals or products - Silver.
Minéraux ou produits associés

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

The showings are located at elevations of 4,100' to 4,700' on the east and southeast sides of the summit of Kitselas Mountain, some 9 miles northeast of Terrace.

This ground may have been held in part in 1919 as the "Big Lead" showings of the Paystreak group (CU 21), and as the Frying Pan group, owned by L.E. Moody and associates. The Triune group was owned by L.E. Moody in 1929. Trenching was reported.

New Gold Star Mines Ltd acquired the DB and Rob claim groups covering these showings in about 1968. Geochemical, silt and water surveys, trenching and 1,860' of diamond drilling in 4 holes on DB 1 claim in 1969-70 located two mineralized zones just south of the summit. This work was carried out by Canadian Industrial Gas & Oil Ltd. The drilling intersected only sparse mineralization.

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DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

lead and zinc, trace. A chip sample collected over an 80-foot-long east-trending trench assayed: Silver, 0.6 ounce per ton; copper, 0.77 per cent; lead and zinc, trace.

A number of trenches southeast of the A and B zones, at an elevation of 3,800 feet, expose felsitic rocks containing disseminated pyrite and minor chalcopyrite on fractures.

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia: 1919, p. 99; 1929, p. 151; 1967, p. 81.

Kerr, F.A.; Mineral Resources along Canadian National Railway between Prince Rupert and Prince George, British Columbia; Paper 36-20, p. 23, Geol. Surv. of Canada.

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1969, p. 77; 1970, pp. 195-197[†].

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

#Geology of part of the Gold Star, Rob and DB claims, Sc. 1":800', Fig. 22, Geology, Exploration and Mining, 1970, p. 196.

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

REMARKS/REMARQUES

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