

PRODUCT COPPER  
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 103 P/13  
RÉGION DU S.N.R.C.

REF. CU 3  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

ORAL M.

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Mining Division Skeena  
Division minière

County  
Comté

Lot  
Lot

Sec  
Sect.

Tp.  
Ct.

Lat. 55°56'  
Lat.

District  
District

Township or Parish  
Canton ou paroisse

Concession or Range  
Concession ou rang

Long. 129°58'  
Long.  
Cassiar

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The underlying rocks are highly metamorphosed argillites of the Lower Hazelton group, striking N55°W and dipping 60 to 75° southwesterly. Granitic rocks of the Coast Range batholith outcrop about 750 feet north of the showings, the contact striking northeasterly across the central section of the property. The mineral deposit consists of an irregular zone of silicification from 3 to 17 feet wide in the altered argillite and is conformable with the attitude of the formation. Silicification in the zone appears to be best developed in the localities of slightly sheared cross fractures striking N26 to 31° east. Stringers, bands, patches, and small lenses of quartz are irregularly distributed in the zone. The zone is generally mineralized with finely-disseminated pyrrhotite, but in some sections, especially in the areas of the cross-fractures, it contains stringers, blebs, and patches of massive pyrrhotite with chalcopyrite across widths of from 2 to 9 feet. The zone has been traced for a distance of about 640 feet south-easterly from the east boundary of Indian Reserve No. 19. Three short ore shoots were uncovered by surface stripping. In underground work three similar ore shoots were found with grade slightly lower than indicated on the surface,

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

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

The Oral M. group is located at about the 600 foot elevation on the east side of the Bear River directly across from the town of Stewart. The claims are located at the east boundary of Indian Reserve No. 19. The Molly B. claim adjoins on the west.

The Oral M. group, including the Oral M., Muriel S., Ann G., May No. 1, and May No. 2 claims, was located in 1935 by Premier Gold Mining Company, Limited to cover the possible extension of the molybdenum showing on the Molly B. claim. Exploration work by the company resulted in a new discovery, a copper-gold showing, in which 3 short ore shoots were exposed by trenching. Seven diamond drill holes were put down to shallow depths in 1935-36. The showings were explored underground by 368 feet of drifting and crosscutting in 1937. The company withdrew from the property in 1938 and the claims were taken over by Stewart Canal Gold Mines, Limited, John Haahti, President. A small Gibson mill was built at the rivers edge and a tramline up the hill to the workings. The mill operated for a short period in 1940 and 1941. Intermittent exploration and development work was carried on by J. Haahti until about 1949.

In addition to the adit driven by Premier Gold Mining Company in 1937, a second adit was driven 290 feet in 1946 and 1947 and 250 feet of diamond drilling was done from the face, the longest hole being 96 feet. A third or lowest adit was driven about 45 feet. This adit including a 10 foot long crosscut near the face is in skarn that is mineralized with scheelite and molybdenite. This adit is apparently on the Molly B. claim or the extension of the Molly B. showing into the Oral M. property.

Tilliam GML - (GCML 12/04/85, 23)

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

In 1940-1941, 320 tons of ore were shipped or treated. From this ore 22 ounces of gold, 112 ounces of silver, and 4,575 pounds of copper were recovered.

REFERENCES/BIBLIOGRAPHIE

Mandy, J.T.; Oral M. Group; Report of Minister of Mines, British Columbia; 1937, pp. B 4, B 5, B 7.

Reports of Minister of Mines, British Columbia:  
1938, p. B 25; 1940, p. 52; 1941, p. 54; 1946, p. 79;  
1947, p. 88; 1948, p. 71; 1951, p. 76.

Mineral Policy Sector; Corporation Files: "Premier Gold Mining Company, Limited" - Annual Reports 1936-38; "Stewart Canal Gold Mines, Limited".

Mines Branch, Ottawa; Investigation No. 961; Concentration of a Gold-Copper Ore from the "Molly B" Mineral claim of Stewart Canal Gold Mines Limited, Stewart, British Columbia; Reports of the Ore Dressing and Metallurgical Laboratories; 1941.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 215 A, Stewart Sheet, B.C., (Geol.), Sc. 1":1 mile - accomp. Memoir 159.

Map 193 A, Stewart Sheet, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

See Molly B.; Area 103 P/13, Ref. No. 1.

Comp./Rev. By Comp./rév. par								
Date Date	12-67							