

PRODUCT
PRODUIT GOLD

PROVINCE OR
TERRITORY PROVINCE OU
TERRITOIRE British Columbia

N.T.S. AREA 92 J/15
RÉGION DU S.N.R.C.

REF. Au 7
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

NORTHERN LIGHT

OBJECT LOCATED
OBJET LOCALISÉ No. 1 adit, Northern Light No. 6 claim

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE Lat. 50°59'30" Long. 122°52'20"

Mining Division Lillooet District
Division minière District

County Township or Parish
Comté Canton ou paroisse

Lot Concession or Range
Lot Concession ou rang

Sec. Tp. R.
Sect. Ct. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The claims are underlain mainly by serpentinite of the pre Mid Cretaceous Shulaps ultramafic complex, at the south edge of Eocene and older quartz diorite of the Eldorado stock. The upper adit cut narrow arsenopyrite, pyrite, sphalerite bearing quartz veins and veinlets in fractures and shear zones in the serpentinite. A branch drift from the adit exposed a short section of 4 inch wide quartz vein containing banded sphalerite, pyrite and arsenopyrite. In the surface showing above the adit, a 10-12 inch wide vein contained abundant arsenopyrite.

The lower adit cut highly sheared serpentinite and wide dykes of granodiorite but no mineralization of consequences. The ground-sluiced trench above the adit reportedly exposed narrow quartz stringers containing arsenopyrite.

Associated minerals or products
Minéraux ou produits associés

Silver, zinc, arsenic

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

The property is located at the head of Taylor Creek, some 25 km north-northwest of Bralorne. The claims extend in a northwesterly direction from about 6,500 feet elevation in Taylor Basin to 8,000 feet elevation on the "summit" of Eldorado Mountain; Topo Map 92 O/2 indicates the summit of the mountain lies about 3 km to the northeast.

The property was held in 1913 by prospector E.J. Taylor and associate, a Mr. Shuster, as the Twenty-fourth of May group of 5 claims; trenching was reported.

The property was re-staked by Mr. Taylor in 1932 as the Northern Light group of 8 claims. Goldside Mines, Limited, optioned the property in about 1933. Work in 1934-35 included trenching and ground sluicing. A 90 foot diamond drill hole was drilled under the main showing at 7,350 foot elevation. The No. 1 cross cut adit was driven under this showing for a length of 414 feet, with branch drifts totalling about 180 feet. No. 2 adit, at 6,450 foot elevation on the Northern Light No. 1 claim, was driven for 272 feet with branch drifts totalling about 90 feet. The option was subsequently given up. The Northern Light 1-8 claims (Lots 6831-6838) were Crown-granted to Grant Mahood in 1946.

Bridge River United Mines Ltd. held the property and adjacent claim groups in the period 1967-1969; geochemical surveys were reported over the larger property.

Golden Rule Resources Ltd. in 1980 acquired a large number of claims covering this portion of the mountain. Work in 1980 and 1985-86 included extensive geochemical soil and rock chip surveys, and a geophysical survey.

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HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

A test shipment of two tons of ore was made to the Tacoma smelter in 1934. The shipment assayed 1.74 oz/t Au, 0.06 oz/t Ag, 0.05% Cu, 19.56% As, trace of Sb, 13.9% Fe. (Paper 43-15, p. 27).

REFERENCES/BIBLIOGRAPHIE

Reports of Minister of Mines, British Columbia: 1913, p. 268; 1934, p. F32; 1935, p. F13, 1936, p. F13; 1968, p. 161.

Exploration in British Columbia; BC EMPR: 1980, p. 262, 1985, p. C227; 1986, p. C268

+Cairnes, C.E.; Geology and Mineral Deposits of the Tyaughton Lake Map-Area; Paper 43-15, p. 26, Geol. Surv. of Canada, 1943.

Geological Fieldwork; BC EMPR: 1986, p. 125

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 13-1973, Pemberton, (Geol.), Sc. 1: 250 000, accomp. Paper 73-17, Geol. Surv. of Canada.

Map 43-15A, Tyaughton Lake, (Geol.), Sc. 1: 1/2 mile, Paper 43-15.

Generalized geology, Sc. 0.3 cm: 1 km, Figure 1-14-3, Geological Fieldwork, 1988, p. 118.

#Map 92 J/15, Bralorne, (Topo.), Sc. 1: 50 000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	05-89						