

PRODUCT GOLD
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE British Columbia

N.T.S. AREA 104 M/9
RÉGION DU S.N.R.C.

REF. AU 3
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

HAPPY SULLIVAN

OBJECT LOCATED - shear zone.
OBJET LOCALISÉ

UNCERTAINTY 100 m
FACTEUR D'INCERTITUDE

Lat. 59°30'40"
Lat.

Long. 134°13'
Long.

Mining Division Atlin
Division minière

District
District

Cassiar

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 showings consist of a wide pyritized shear zone in sedimentary rocks, principally siltstone of the Laberge Group of Jurassic age. Surface trenching between 3,650 and 3,930 foot elevations has exposed the zone for a width of from 60 to 80 feet. The gold occurs in small stringers of quartz in the shear zone. The upper tunnel has been driven N10°E along a quartz-filled fissure which varies in width from 6 to 8 inches, with a short section in the floor of the drift averaging 12 inches wide. A sample of one of the dumps assayed: gold, 8.44 ounces a ton; silver, 5.5 ounces a ton.

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

This property is located at the 3,700 foot elevation on the north bank of Hope Creek, about 1½ miles north of the Engineer mine, on the east side of Taku Arm.

The property consists of three claims, the Crackerjack, Gold Hill, and Gold Bullion. Development work was first reported in 1918 when a crosscut adit was being driven. No further activity was reported until 1926, when the surface showings were prospected. The owners, Messrs. Sands and Pelton, of Atlin, optioned the property to the Consolidated Mining & Smelting Company of Canada Limited in the summer of 1927. Open cutting and a limited amount of tunnelling was done before the option was dropped.

The showings have been explored by several long open cuts across the shear zone and by 2 short adits. The lower adit was driven as a crosscut for 48 feet or more in the direction of the vein. The upper adit was driven for 30 feet on the vein.

The trenching was obviously done with the idea of testing the shear zone for low-grade tonnage possibilities, and probably with disappointing results, but the narrow high-grade vein possibilities have not been thoroughly tested.

The Crackerjack, Gold Hill, and Gold Bullion claims (Lots 3286-3288, respectively) were Crown-granted in 1919 to C.M. Sands, D.L. Sullivan, and R.L. Pelton. The above Crown-grants, the Sweepstake No. 6 claim (Lot 4674), and adjacent ground, was restaked in 1975 as the Happy No. 1 claim (19393 B) (20 units). By an agreement of June 1975 Nomad Mines Ltd. optioned the property from Hans Buhr and Roy Carlson.

De Breda Resources Inc - GCN# 20/11/84

Annual Reports, Dept. of Mines, B.C.: 1918, p. 92;
1927, p. 141; 1930, p. 123; 1933, p. 81; 1919,
p. 369.

Mineral Policy Sector; Corporation Files: "Nomad Mines
Ltd.".

5001 14/02/85 ; 30/04/85

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 19, 1957, Bennett, B.C., (Geol.), Sc. 1":4 miles.

*Map 104 M/9 E, Fantail Lake, B.C., (Topo.), Sc. 1:50,000.

#Nomad Mines Ltd., Claim Map, Sc. 1":300 ft. - accomp. Nomad
Mines Ltd., Statement of Material Facts, July 1975.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date	08-66	09-75					