

PRODUCT PRODUIT	COPPER	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA RÉGION DU S.N.R.C.	103 I/9	REF. CU 38 RÉF.
--------------------	--------	--------------------------	---------------------------	------------------	-----------------------------------	---------	--------------------

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

SNOW (NORTHWEST), DF

OBJECT LOCATED - Zone No. 1 (Snow 11 claim) - from descriptive
OBJET LOCALISÉ - data.

UNCERTAINTY 1,000 m **Lat.** 54°30'40" **Long.** 128°02'
FACTEUR D'INCERTITUDE **Lat.** **Long.**

Mining Division Omineca **District** Range 5 Coast
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 by Lower Jurassic volcanic rocks of the Hazelton group. These rocks on average strike N10-20°E and dip 35-50° eastward. The stratigraphic sequence includes in about equal amounts massive flow rocks and pyroclastic or volcano-sedimentary rocks. Dykes, sills, and irregular small bodies of andesite porphyry, trachytic porphyry, and pyroxene-bearing andesite to microdiorite intrude this sequence.

At the No. 1 Zone a sequence of lapilli tuff and vitrophyre are intruded by a sill of feldspar porphyry. On surface the tuff and to a lesser extent the vitrophyre are quite well mineralized with bornite over a strike length of 200 feet and width of 80 feet or more. Assays of 0.20-0.60 oz/ton silver were reported.

The No. 2 Zone, as exposed on surface over an area of some 300 x 400 feet, contains bornite, chalcopryrite, and minor chalcocite in flow rocks and tuffs, and to a lesser degree in a porphyry sill. The mineralization occurs as disseminations, in vesicles, and to a minor degree along

see Card 2

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 property is located on the east side of Salmon Run Creek, some 22 miles east of Terrace. The No. 1 Zone is located at about the 4,100 foot elevation. The No. 2 Zone is located about 2,000 feet to the southwest, at approximately 3,300 feet elevation.

The No. 1 Zone was held in 1914 as the North West group, including the North West, Lucky Four, Doctor, Coronation, Omineca, Red Seal, and Hopeful claims, owned by J. Dyer and the Large Bros. of Prince Rupert. Development work was confined to the North West claim and included the blasting of mineralization from a bluff.

Copper River Exploration Company, Limited located more than 50 claims in this vicinity in 1930; no work was reported on the North West showings.

The Premier Border Gold Mining Company Limited held 24 claims in the Chalco, Bornite, and Copper groups in 1956. Drilling on the Chalco No. 1 claim (No. 1 zone) totalled about 3,000 feet in about 9 holes.

In 1962 the showings were held as the Northwest group of 8 claims, owned by Len Belliveau and associates. The Cariboo Gold Quartz Mining Company, Limited optioned the 8 claims in November 1962 and staked an additional 32 claims, apparently the Bet group. Trenching and sampling was reported. A joint exploration agreement was reached with Bralorne Pioneer Mines Limited, however, the only work reported in 1963 was some trenching on the No. 1 Zone.

Prudex Minerals Limited (2/3) and Norpax Nickel Mines Limited (1/3) optioned 43 claims from Belliveau and associates by an agreement dated June 9, 1964. Under the terms of the agreement a new company, Treasure Mountain Copper Limited was incorporated in January 1965. Work in 1964 included geological mapping, a geochemical soil survey, trenching, and 1,078 feet of diamond drilling in 3 holes. The No. 2 Zone mineralization was discovered during the year as a result of the geochemical survey. During 1965 a further 433 feet of diamond drilling was done in one hole on No. 1 Zone, and 2,578 feet in 9 holes on No. 2 Zone. This work indicated the No. 2 Zone is of limited extent. No further activity was reported and Treasure Mountain Copper Limited was dissolved in 1972.

see Card 2

500802

Reports of Minister of Mines, British Columbia: 1914, p. 118; 1962, p. 15; 1963, p. 22; 1964, p. 48; 1965, p. 71+.

Mineral Policy Sector; Corporation Files: "The Premier Border Gold Mining Company Limited"; "The Cariboo Gold Quartz Mining Company, Limited"; "Purdex Minerals Limited"; "Treasure Mountain Copper Limited"; "Metron Exploration Limited"; "Spectroair Explorations Limited"; "Copper River Exploration Company, Limited".

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1972, p. 500; 1973, p. 486.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

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

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	DMacR					
Date Date	02-79	01-85					

PRODUCT COPPER
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE

British Columbia

N.T.S. AREA 103 I/9
RÉGION DU S.N.R.C.

REF. CU 38
RÉF.

NAME OF PROPERTY SNOW (NORTHWEST), DF
NOM DE LA PROPRIÉTÉ

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)
fractures. The best mineralization occurs along the easterly fault in the top of the coarse trachytic porphyry and adjacent porphyry and tuff.

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

The Snow group of 16 claims was apparently staked on the showings in 1969 by E.P. Hudson and associates. Adjacent ground was restaked in 1971-72 by R.J. MacNeill as the DF group. The No. 1 Zone had been restaked as the Snow 11 and 13, and No. 2 Zone as the Snow 31 and DF claims. The tonnage and grade of No. 1 Zone were reported as follows: "On the basis of information from drilling and trenching made available by previous holders of the property, it is estimated that at least 31,000 tons of 1.7% copper occur west of the fault in the No. 1 Zone, of which minimum dimensions approximate 160 feet in length and 25 feet in width. For purposes of this calculation a depth of only 80 feet has been used" (T. Sadlier-Brown, 10/72 - in VSE SMF 19/06/73), Spectroair Expls L).

Metron Exploration Limited carried out geological mapping on MacNeill's property in 1972. Spectroair Explorations Limited by an agreement dated November 1972 optioned the Snow group from E.P. Hudson and associates, the DF and WB groups (44 claims) from Metron Exploration, and the Treasure 1-9 claims from T. Sadlier-Brown. Work in 1973 included a geochemical soil survey (45 samples) and 987 feet of diamond drilling in 4 holes on No. 1 Zone, and a geochemical soil survey (58 samples) on No. 2 Zone. The option was subsequently given up.