

NAME OF PROPERTY FRISCO, NUMBER 14 (VOIGT'S CAMP)

OBJECT LOCATED - Shaft zone, Number 14 claim (Lot 3289).

UNCERTAINTY IN METRES 100. Lat. 49°20'23" Long. 120°29'30"

Mining Division Similkameen District

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR

DESCRIPTION OF DEPOSIT

The Upper Triassic Voigt stock, covering approximately 3.2 square miles, intrudes Nicola volcanic rocks and is unconformably overlain by volcanic rocks of the Princeton Group. The stock is nearly uniform in composition and consists of medium-grained, generally massive, grey-green biotite-clinopyroxene diorite. The mineralized zones occur along an east-west trending zone of shearing and brecciation which might be in the order of 150 feet wide and dips steeply. Numerous late northerly trending felsite 'Mine dykes' cut through the mineralized zones. Mineralization consists of coarse hematite, magnetite, chalcopyrite, pyrite, red potash, feldspar, calcite, and epidote in brecciated and bleached diorite of the Voigt stock.

Associated minerals or products - Gold.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located approximately 8 miles south of Princeton and 1½ miles northeast of the Copper Mountain mine.

A number of claims were staked in this vicinity by Emil Voigt in 1889 and held until his death in 1927. Considerable work by Voigt and others on the Number 14, Frisco, and Automatic Fraction (Lots 3289, 2430, and 1775 respectively) outlined what for many years have been known to be the most important showings in that group of prospects that have collectively been known as Voigt's camp.

In 1911 the British Columbia Copper Company, Limited optioned the Voigt group of 55 claims and an additional 8 claims adjoining to the south having individual owners. Exploration work, consisting of many thousand feet of diamond drilling, about 1,500 feet of underground work, and surface trenching, was carried on until December 1912; the 8 claims to the south were explored by some 700 feet of underground work and 1,500 feet of diamond drilling.

Options were reportedly held on the property in 1914 by a Pennsylvania Syndicate and in about 1926 by The Consolidated Mining & Smelting Company of Canada Limited.

The workings as reported by Dolmage (1934) included 3 adits totalling about 550 feet on the Automatic Fraction and Frisco claims; most of the 340 foot length of the No. 1 adit is in the Frisco claim. Work on the Number 14 claim included trenching, diamond drilling, a shaft, and 200 feet of drifts.

Further exploration work was reportedly done on the property by The Consolidated Mining & Smelting Company and The Granby Consolidated Mining, Smelting and Power Company, Limited in the 1950's.

Wilmot (1973) states: "From this work of surface prospecting, trenching, drilling, short adits and shafts along the "Ravey Zone" the following reserves were estimated from Granby's plans and sections:

Shoot Location	Approximate Tonnage	Approximate Percent Copper and Gold (ounces per ton)
(a) 150' East of Frisco Adit near Automatic-Frisco boundary	145,851	1.1% Cu 0.03 oz Au

see Card 2 ....

## HISTORY OF PRODUCTION

In 1920, 27 tons of ore were shipped from the Voigt property. From this ore 5 ounces of silver and 1,300 pounds of copper were recovered.

## MAP REFERENCES

- Map 300 A, Copper Mountain Mining Area, (Geol.), Sc. 1": 1,000 ft. - Accomp. Mem. 171.
- Map 888 A, Princeton, (Geol.), Sc. 1": 4 miles - Accomp. Mem. 243.
- Generalized Geology, Copper Mountain Camp, Sc. 1": 1,250 ft., Fig. 36, Geology, Exploration and Mining, B.C. Dept. of Mines, 1969.
- \*Map 92 H/8, Hedley, (Topo.), Sc. 1:50,000.  
Geology of Copper Mountain, Sc. 1": 1,000 ft., Fig. 2, Sheet 8 - Accomp. Bull. 59, B.C. Dept. Mines, 1972.
- #Geology of the Frisco and No. 14 claims area, Sc. 1": 600 ft., Fig. 19, Bulletin 59, p. 77.
- Map 8526 G, Hedley, (Aeromag.), Sc. 1": 1 mile.  
Mineral Claims at Copper Mountain and Voigt's Camp, Fig. 4, accomp. Bulletin 59, B.C. Dept. of Mines.

## REMARKS

Comp./Rev. By	DMacR	DMacR					
Date	9-78	11-80					

## REFERENCES

- ++Rice, H.M.A.; Geology & Mineral Deposits of the Princeton Map-Area, British Columbia; Memoir 243, pp. 87-88, Geol. Surv. of Canada, 1947.
- +Dolmage, V.; Geology & Ore Deposits of Copper Mountain, British Columbia; Memoir 171, pp. 3, 37, 38, 41, 42, Geol. Surv. of Canada, 1934.
- Reports of Minister of Mines, British Columbia:  
1908, p. 127; 1910, p. 132; 1911, p. 186; 1912, pp. 166, 189; 1913, p. 243; 1914, p. 366; 1915, p. 240; 1916, p. 430; 1924, p. 175; 1926, p. 223; 1927, p. 246; 1930, p. 213; 1964, p. 101; 1965, p. 162; 1968, p. 207.
- Mineral Sector; Corporation Files: "Cumont Mines Limited"; "Nufort Resources Inc."
- +++Preto, V.A.; Geology of Copper Mountain; Bulletin 59, pp. 36, 75-78, British Columbia Dept. of Mines, 1972.
- Wilmot, A.D.; Report on the Properties of Cumont Mines Limited; Cumont Mines Limited, Statement of Material Facts, Aug. 17, 1973.
- Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1970, p. 385; 1978, p. E 143.

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## HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

Shoot Location	Approximate Tonnage	Approximate Percent Copper and Gold (ounces per ton)
(b) 300' East (Frisco)	8,477	1.0% Cu 0.02 oz Au
(c) 500' East (Frisco)	9,210	1.5% Cu 0.01 oz Au
(d) 650' East (Frisco)	10,430	1.1% Cu 0.03 oz Au
(e) 1,450' East (Frisco)	6,340	0.9% Cu 0.05 oz Au
(f) 1,625' East (No. 14 Claim)	5,210	0.9% Cu 0.04 oz Au
(g) 2,150' East (No. 14 Shaft Area)	86,925	1.6% Cu 0.10 oz Au

These reserves total about 242,943 tons averaging 1.21% copper and 0.04 oz/ton gold down to a minimum thoroughly explored depth of 300 feet. Several holes were drilled from the underground workings in an attempt to expand the known reserves but without significant results" (A.D. Wilmot, July 3, 1973, Report on the Properties of Cumont Mines Limited - in Cumont Mines Statement of Material Facts, August 17, 1973).

By 1964 Thayer Lindsley & associates of Toronto had acquired an option on the property from Miss Patricia S. Ravey subject to a royalty of 5% of net smelter returns payable to Cominco Ltd. on all ore extracted from a number of Crown-grants, including the Number 14 claim. Lindsley & associates acquired the property for Fort Reliance Minerals Limited, who carried out magnetometer and geochemical soil surveys and trenching on the Number 14 and adjacent claims in 1964. The property and the option agreement was transferred to Cumont Mines Limited which was incorporated in March 1965. Work by the company in 1968 included geological mapping, a ground magnetometer and geochemical survey on the Number 14 claim. In 1972 bulldozer trenching was done on the Frisco claim.

Fort Reliance Minerals Limited in July 1974 merged with Cumont Mines Limited and More Mines Limited under the name Nufort Resources Inc. Trenching was reported on the Automatic Fraction claim in 1978.

continued reverse Card 2 ....

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

Newmont Mines Limited, 100% owned by Newmont Mining Corporation, purchased 106 claims covering this and a number of other properties adjacent to Copper Mountain (92 H/7, Cu 1) from Nufort in September 1979.