

PRODUCT	COPPER	PROVINCE OR TERRITORY	British Columbia	N.T.S. AREA	93 N/14	REF. Cu 3
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NAME OF PROPERTY	DUCKLING
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OBJECT LOCATED

UNCERTAINTY IN METERS

Lat. 55°50' Long. 125°20'

Mining Division **Omineca** District **Cassiar**

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

HISTORY OF EXPLORATION AND DEVELOPMENT

This property is located on the east side of Duckling Creek, 6 miles north of the confluence of Duckling Creek and the Omineca River, 26 miles west-northwest from Germansen Landing.

Donna Mines Ltd. in September 1970 optioned the Duckling 1-6 claims and Duckling 1-6 Fractional claims from George O.M. Stewart, of Houston, and R.R. Blusson, of Vancouver. The company staked an additional 170 claims in the Duckling, Duck, AL, and Front groups. Work during 1970 included a geochemical soil survey (700 samples), trenching, and diamond drilling in 3 holes totalling 1,000 feet. In 1971 magnetometer and geochemical surveys and trenching were carried out.

Donna Resources Corp (FS 236/81)

DESCRIPTION OF DEPOSIT

The claim block is within an area of Takla Group volcanic rocks bordered to the north, west, and southeast by intrusive rocks of the Hogem batholith. Alteration, intense fracturing, and the presence of numerous pyroxene porphyry "feeder" dykes indicate the contact between the Hogem batholith and the Takla volcanic rocks is at a shallow depth in this area. Trenches cut at right angles across the easterly trending discovery outcrops indicated a lenticular fracture system in green altered andesite to basalt containing massive chalcopyrite, pyrrhotite, and pyrite. Best mineralization encountered was reported as 12.54% copper over 4 feet. The trenches indicated that this massive vein narrowed considerably at a depth of 15 feet. Localized zones of similar massive mineralized fracture filling occurred over narrow widths along a trench length of 500 feet. Three other mineralized areas have been exposed along the western projection of this fracture zone; trenches at one area outlined a 140-foot by 30-foot mineralized zone in altered syenitic rocks.

Associated minerals or products of value

Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa.

503336 *

HISTORY OF PRODUCTION

REFERENCES

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1970, p. 185; 1971, p. 211.

Mineral Development Sector; Corporation Files: "Donna Mines Ltd."; "Fortune Channel Mines Ltd." - prospectus of Sept. 1970.

MAP REFERENCES

Map 844 A, Takla, (Geol.), Sc. 1":4 miles.

Map 907 A, Fort St. James, (Geol.), Sc. 1":6 miles - accomp. Memoir 252, Geol. Surv. of Canada.

*Map 93 N, Manson River, (Topo.), Sc. 1:250,000.

Fig 29 - 250000
730's Boundary Class Topo. Sc. 1:50,000

REMARKS

Comp./Rev. By		DMacR					
Date	5-72	8-74					

B.C. 93N-89