

NAME OF PROPERTY ENCO, MOLLY & LINDA (NITHI MOUNTAIN)

OBJECT LOCATED-NE part of Molly 9.

UNCERTAINTY IN METRES 150. Lat. 53°58'40" Long. 124°51'15"

Mining Division **Omineca** District Range 4 Coast

County Township or Parish

Lot ~~XXXXXXXXXX~~ Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The property is underlain by several varieties of granite which belong to the Topley intrusions. Close to molybdenite showings on the Molly 1 and 2 claims and the Enco fractional claim the granite is cut by an irregular northerly dyke of quartz porphyry or rhyolite porphyry, and by diabase dykes. Low-grade mineralization consisting of the secondary uranium minerals autunite, torbernite, and sabugalite occur in small fractures at and near the surface in the rhyolite porphyry. Diamond drilling indicated the uranium mineralization does not extend more than a few feet beneath the surface exposures.

Quartz veins with molybdenite occur widely on these claims; they are mostly less than 1" thick, but some are larger and locally swell to thicknesses of as much as 2 feet. The strike of the veins is predominantly northeasterly, and the dip is generally northerly at moderate to steep angles. Molybdenite disseminations occur locally, mainly in strongly silicified, sericitized granite.

Associated minerals or products of value Uranium

HISTORY OF EXPLORATION AND DEVELOPMENT

This property is located on the western and southwestern slopes of Nithi Mountain, about 4 miles east of the east end of Francois Lake.

Initial exploration work was conducted on the uranium showings. The Abe group of 4 claims was located by J. Pataji in March 1952. The Babs, Pat, Ike, and Zeke groups, totalling 22 claims, were located by Messrs. Powney, Floyd, and associates in 1955. American Standard Mines, Limited, optioned the claims in December 1955. Exploration work by the company during 1955-1956 consisted of some 1,200 feet of trenching, and 333 feet of diamond drilling in 4 holes; the claims apparently were allowed to lapse.

The ground was restaked as a molybdenum prospect. The Molly, Pogo, and Sandy groups of claims were held by A. Robertson in 1963; the Molly 1 and 2 claims were located on the uranium showings. Adjoining to the west, the Enco group of 29 claims and 8 fractions were held by New Indian Mines Ltd. in 1963. Exploration work by the company consisted of bulldozer trenching on molybdenum showings near the boundary between the Enco and Molly claims. In June 1964 the Enco group, owned by New Indian Mines Ltd., and the Scott group, apparently owned by Vananda Explorations Ltd., were combined under the newly formed Navajo Mines Ltd.

Navajo Mines Ltd. subsequently entered into a deal with A. Robertson, president of R. & P. Metals Corporation Limited, whereby the Molly, Pogo, Sandy, Linda, and Ruff groups were combined with the Navajo property giving a total of 122 claims. This gave R. & P. Metals a 62½% interest in Navajo, while New Indian and Vananda held the remainder. Work during 1964 consisted of soil sampling, trenching, and 7,994 feet of diamond drilling in 14 holes.

Further geochemical soil sampling and trenching was done in 1965.

In 1966, Canex Aerial Exploration Ltd. optioned the Enco & Molly groups, and their assessment work for the year included: geological, geophysical, and geochemical surveys and 190 feet of diamond drilling in one hole.

In 1972, the company name, New Indian Mines Ltd., was changed to Azure Resources Ltd. Also, in 1972, Vananda Explorations Ltd. underwent a change of name to become Ramco Industries Ltd.

p.t.o.

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1955, p. 28; 1956, p. 28; 1963, p. 36; 1964, p. 62; 1965, p. 138; 1966, p. 118.

Mineral Policy Sector; Corporation Files: "Azure Resources Ltd."

MAP REFERENCES

Map 93 F, Nechako River, (Preliminary Mineral Inventory Map), Sc. 1:250,000, British Columbia Dept. of Mines.
 *Map 93 F/15, Hallett Lake, (Topo.), Sc. 1:50,000.
 Map 1131 A, Nechako River, (Geol.), Sc. 1":4 miles - accomp. Memoir 324, Geol. Surv. of Canada, 1963.
 Detailed Geology of the Endako Area (Eastern Part), Sc. 1": $\frac{1}{2}$ mile - accomp. Report of Minister of Mines, British Columbia, 1965, p. 114.
 Map 1589 G, Hallett Lake, (Aeromag.), Sc. 1":1 mile (1963).

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

Navajo subsequently sold their claims to Fraser Lake Mines Limited. Azure retained a 19.68% interest in Fraser Lake through its shareholdings in Navajo.

In early 1975, Fraser Lake Mines granted to Amax Exploration Inc. the right to explore the Nithi Mountain property with the option of eventually acquiring the claims.

*SMF 11-81
 Rockwell Mining Corp AL 141/81*

REMARKS

Comp./Rev. By	DH						
Date	8-75						

BCI - 93 F-12, 13, 14, 15, 16, 17.