

PRODUCT

SILVER

PROVINCE OR
TERRITORY

BRITISH COLUMBIA

N.T.S. AREA 93 L/14

REF. AG 14

NAME OF PROPERTY

ZOBNIC

OBJECT LOCATED - showing.

UNCERTAINTY IN METRES 500.

Lat. 54°47'17" Long. 127°12'

Mining Division Omineca

District Range, 5th Coast

County

Township or Parish

Lot

Concession or Range

Sec

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

At an elevation of 1,800 feet, a sparsely mineralized shear zone in andesite is prospected by a short adit. The zone strikes north 75 degrees west and dips 60 degrees southwest. It carries small amounts of galena, sphalerite, and pyrite. Two other mineralized shear zones striking northwest are exposed by stripping 30 feet and 110 feet respectively above the adit. Both show copper stains, and the latter carries some tetrahedrite. A selected sample from the upper zone assayed: gold, a trace; silver, 104 ounces a ton; and copper, 1.5 per cent. (Kindle, 1954).

Associated minerals or products of value - Copper, lead, zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at about the 1,800 foot elevation on Chicken Lake Creek, less than a mile northwest of Smithers.

The Zobnic group of two claims was staked by Alexander Zobnic in about 1925. Exploration work was done in open cuts and a 20 foot adit.

Buval Mines Ltd., incorporated in March 1966 by W.D. Yorke-Hardy and associates, acquired 175 claims in the area including the Zobnic showings. Geological mapping, geophysical and geochemical surveys, and trenching were carried out in 1966. The company name was changed in 1969 to Buval Executive Mining Industries Ltd. By an agreement of June 1970 Buval optioned the claims to Annmar Mining Ltd., in which Buval acquired a controlling interest. The claims subsequently lapsed.

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Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa.

HISTORY OF PRODUCTION

REFERENCES

Kindle, E.D.; Mineral Resources, Hazelton and Smithers Areas, Cassiar and Coast Districts, British Columbia; Memoir 223 (Revised Edition), p. 131, Geol. Surv. of Canada, 1954.

Reports of Minister of Mines, British Columbia: 1927, p. 137; 1966, p. 91.

MAP REFERENCES

Map 69-1, Smithers, Hazelton, and Terrace Areas, (Geological compilation), Sc. 1":4 miles, British Columbia Dept. of Mines.

Preliminary Map 44-23, Smithers, (Geol.), Sc. 1":2 miles, Paper 44-23, Geol. Surv. of Canada.

Sketch Map of Hudson Bay Mountain, (Geol. and Mineral Deposits), Sc. 1":1 mile - accomp. Paper 36-20, Geol. Surv. of Canada.

Map 5319 G, Smithers, (Aeromag.), Sc. 1":1 mile.

#Map 93 L/14 W, Smithers, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	12-75						