

NAME OF PROPERTY SMITHERS COPPER (PINE RIDGE)

OBJECT LOCATED - showing.

UNCERTAINTY IN METRES 500. Lat. 54°45'50" Long. 127°11'10"

Mining Division Omineca District Range 5 Coast

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

Purple andesites of the Hazelton group are here sparsely mineralized with chalcopyrite, bornite, malachite, and azurite in several open-cuts at an elevation of 1,975 feet. The mineralization follows joint planes and poorly developed lines of cleavage in the andesites. An adit driven 90 feet below the open-cuts to trace the extent of mineralization failed to find anything of importance. The adit is 145 feet long on a bearing of north 55 degrees west. About 150 feet west of this adit and 190 feet vertically above it, copper mineralization is in evidence in a 20-foot adit where the andesite is sheared across a width of 6 feet. A sample composed of pieces of selected mineralized rock from the various exposures assayed: gold, a trace; silver, 3.6 ounces a ton; and copper, 1.8 per cent. (Kindle, 1954).

Associated minerals or products of value - Silver.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at the 2,100 foot elevation on the north side of Dahl Creek, 1 mile southwest of Smithers.

The showings were held as the Pine Ridge group of 4 claims by H.C. Wade in 1926. R.C. Mutch, S.F. Campbell, and G.E. Loveless restaked the property in 1929 as the Smithers Copper group. Development work to that date was done in open cuts and 2 adits.

The ground was apparently held as part of the May group of claims by W.D. Yorke-Hardy and associates of Smithers in 1963. The claims were under option to Noranda Exploration Company, Limited. Geophysical and geochemical surveys were carried out. The option was relinquished in August 1963.

Buval Mines Ltd., incorporated in March 1966 by W.D. Yorke-Hardy and associates, acquired 175 claims in the area, including the SL group which apparently in part covered the Smithers Copper 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 property to Anmar Mining Ltd., in which Buval acquired a controlling interest. The claims subsequently lapsed.

120443

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

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1926, p. 131; 1929, p. 165; 1930, p. 140; 1963, p. 25.

Kindle, E.D.; Mineral Resources, Hazelton and Smithers Areas, Cassiar and Coast Districts, British Columbia; Memoir 223, (Revised Edition), p. 125, Geol. Surv. of Canada, 1954.

Mineral Policy Sector; Corporation Files: "Buval Executive Mining Industries Ltd."; "Abaca Resource Industries Inc."

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 E, Smithers, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	12-75						