

PRODUCT

COPPER

PROVINCE OR
TERRITORY

BRITISH COLUMBIA

N.T.S. AREA 93 L/14

REF. CU 5

NAME OF PROPERTY

ZEOLITIC

OBJECT LOCATED - Zeolitic No. 1 claim (Lot 5447).

UNCERTAINTY IN METRES 100. Lat. 54°45'30" Long. 127°10'50"

Mining Division Omineca District Range 5 Coast

County Township or Parish

Lot Concession or Range

Sec Tp. R.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at the southwest edge of the town of Smithers.

The showings were staked by Joseph Kelly and Randolph Haigh in about 1912. Six claims, the Zeolitic Nos. 1, 2, 4, and 5, Nugget, and A.B. Fr. (Lots 5446-5451) were Crown-granted to the above owners in 1918.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The lower slopes of Hudson Bay Mountain west of Smithers railway station are composed of reddish brown amygdaloidal rhyolite flows. The rhyolite exhibits poorly developed flow structure that strikes north 40 degrees east and dips 25 degrees southeast. About 60 feet above the road that skirts the foot of the mountain an adit is driven 65 feet southwest along a narrow sheared zone in the rhyolite. The zone strikes south 45 degrees west and dips 75 degrees southeast. It is sparsely mineralized with pyrite and chalcopyrite. (Kindle, 1954).

Associated minerals or products of value

120444

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.
 Report of Minister of Mines, British Columbia: 1918, p. 472.

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						