

NAME OF PROPERTY ANN (GNAWED Mtn.)

OBJECT LOCATED - South shaft.

UNCERTAINTY IN METRES 500. Lat. 50°25'15" Long. 120°58'25"

Mining Division Kamloops District

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The property is underlain by the Upper Triassic Guichon Creek batholith; drill holes cut rocks of the Bethlehem and Bethsaida phases. Numerous veins of quartz, dykes of aplite, and dark basic "dykes" or inclusions of intruded rock occur. The mineralization generally occurs in the quartz veins in pegmatitic granite or grey quartz diorite, but in some cases molybdenite occurs as stringers of pure mineral in the wall rock. The mineralization consists of bornite, molybdenite, hematite, chalcopyrite, and covellite.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at the 5,500 foot elevation on the east face, near the peak, of Gnawed Mountain, some 33 miles southwest of Kamloops.

The showings were apparently staked by K.W., T.E., and W.S. Clarke prior to the 1940's. The old workings consist of two shallow shafts about 1/4 mile apart. The claims subsequently lapsed.

B.X. Mining Company Limited in 1957 acquired the Ann 1-10 claims covering the showings. Early in 1958 the claims were optioned to the American Smelting and Refining Company who carried out prospecting and preliminary geological mapping. The Anaconda Company (Canada Ltd.) optioned the claims, along with several adjoining properties, late in 1963. Considerable work was done in 1964 and 1965 in geological, geochemical, and geophysical surveys, and diamond drilling. The company terminated its option at the end of 1965.

Trojan Consolidated Mines Ltd. acquired control of B.X. Mining in 1965; the latter company was liquidated in 1975. Diamond drilling in 10 holes totalling 5,736 feet in 1969 outlined an area, known as the Ann No. 1 zone, some 1,200 to 2,200 ft. long and 600 to 1,050 feet wide, estimated to contain, to a depth of 400 feet, 45,000,000 tons averaging 0.26% copper and 0.005% molybdenite (Northern Miner, March 19, 1970). Further drilling was carried out in 1970 for a 1969-70 total of 10,370 feet in 16 holes.

Reserves were reported at 47,820,000 tons averaging 0.27% copper (Northern Miner, June 20, 1974).

Trojan Consolidated in April 1970 converted to a limited company under the name Trojan Consolidated Mines Limited. The property at this time consisted of 12 claims, the Ann 1-10 and AM 13 and 15 fractions. The company name (Trojan) was changed in June 1972 to B.X. Development Limited.

In 1976 the property, comprising 3 claims, was acquired by New Minex Resources Ltd.

HISTORY OF PRODUCTION

REFERENCES

+Cockfield, W.E.; Geology and Mineral Deposits of Nicola Map-Area, Memoir 249, p. 123, Geol. Surv. of Canada, 1948.

Reports of Minister of Mines, British Columbia: 1957, p. 27; 1963, p. 47; 1964, p. 89; 1965, p. 148.

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1969, p. 244 ++; 1970, p. 330.

Mineral Policy Sector; Corporation Files: "B.X. Development Limited"; "B.X. Mining Company Limited"; "The Anaconda Company (Canada) Ltd."; "New Minex Resources Ltd.".

Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy; 1958, Investigation Report 58-119.

MAP REFERENCES

Geology of the Guichon Creek Batholith, Sc. 1":2 miles - accomp. Bulletin 56, British Columbia Dept. of Mines. 1969.

Map 886 A, Nicola, (Geol.), Sc. 1":4 miles - accomp. Memoir 249.

Map 5212 G, Mamit Lake, (Aeromag.), Sc. 1":1 mile. 1968.

*Map 92 I/7, Mamit Lake, (Topo.), Sc. 1:50,000.

#Preliminary Geological Map of the Highland Valley Area, Sc. 1":1,000 ft., British Columbia Dept. of Mines, 1966.

REMARKS

Comp./Rev. By	DMacR						
Date	6-78						