

NAME OF PROPERTY MINEX (AM 32 Fr.) (IDE 2)

OBJECT LOCATED -AM 32 Fr. claim.

UNCERTAINTY IN METRES 150. Lat. 50°25'43" Long. 120°59'28"

Mining Division Kamloops District Kamloops

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The property lies near the center of the Lower Jurassic Guichon batholith. The major phases of the batholith are concentrically disposed, with older quartz diorite occurring near the margin, a younger quartz diorite as an intermediate ring, and a still younger granodiorite forming an elongate central core. From this core a 400 foot wide composite dyke of granodiorite, porphyry, and breccia, projects eastward across the property to Gnawed Mtn. The remainder of the property is underlain by the Bethlehem quartz diorite. Chalcopyrite, bornite, and molybdenite occur in small amounts in much of the area, partly in quartz veins which cut the breccia and adjacent rocks.

Associated minerals or products of value - Molybdenum.

HISTORY OF EXPLORATION AND DEVELOPMENT

The AM 32 Fraction and IDE 2 claims are located at elevations of 5,400 to 5,500 feet on the northwest spur of Gnawed Mountain, about 33 miles southwest of Kamloops. The Highmont No. 1 (East) mineralized zone lies a few hundred feet to the north.

Claims of the AM, IDE, and ANN groups, located in 1955 and 1956, were subsequently divided into at least 3 properties, the Minex, the Highmont (92 I/6, 7, Cu 3), and the Gnawed Mtn. (92 I/7, Cu 4). The Minex property in 1968 comprised the AM 12, 14, 16-32, IDE 2, 9-11, ANN 9, 13, 19, SNOW 1, 2, and VM 30-35 claims. Details of early history related to an old shaft at the northwest corner of IDE 2 claim are not known.

Minex Development Ltd. in 1957 acquired a 50 per cent interest, with Ventures Exploration Ltd., in 100 claims. In November 1957 these claims, together with some adjoining properties, were optioned by American Smelting and Refining Company. No report has been found on work done on the Minex property.

In 1959 Minex Development and Amador Highland Valley Coppers Ltd. jointly held 70 claims. Kennco Explorations, (Western) Limited optioned the claims and some adjoining properties. Work during 1959 included geological and geochemical surveys, electrical prospecting, and trenching. The option was dropped before the end of the year.

Minex owned 33 claims, partly in the AM and IDE groups, from about 1960. During 1961-62 the company carried out trenching on or near the IDE 2 claim. The Anaconda Company (Canada) Ltd. late in 1963 optioned some 157 claims in the area, including the Minex and adjacent properties. Work by Anaconda during the period 1963-65 included reconnaissance and detailed geological mapping, geochemical, induced potential, and magnetometer surveys, trenching, and diamond drilling. The option was subsequently dropped. In 1966 Minex carried out 6,300 feet of bulldozer trenching, mainly on the IDE 2 claim. Percussion drilling in 13 holes totalling 3,235 feet was carried out by Lornex Mining Corporation Ltd.

Canadian Superior Exploration Limited optioned the Minex property in March 1968. Work during 1968-69, mainly on the AM 32 Fr. and adjoining IDE 2 claim, and in the vicinity of see Card 2

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1957, p. 27; 1959, p. 30; 1962, p. 50; 1963, p. 47; 1964, p. 89; 1965, p. 148; 1966, p. 159; 1968, p. 191.

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

Mineral Policy Sector; Corporation Files: "Canadian Superior Exploration Limited"; "New Minex Resources Ltd."; "Highmont Mining Corporation".

Exploration in British Columbia; BCDM: 1984, p. 205.

MAP REFERENCES

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

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

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

Simplified Geology, Highmont property, Sc. 1":1,600 ft., Fig. 3, Report by Carr, et al.; The Canadian Mining and Metallurgical Bulletin, Vol. 64, No. 716, p. 71, December 1971.

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

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

REMARKS

Comp./Rev. By	DMacR	DMacR	DMacR				
Date	7-75	6-78	04-87				

PRODUCT

COPPER

PROVINCE OR
TERRITORY

British Columbia

N.T.S. AREA 92 I/7

Card 2
REF. CU 11

NAME OF PROPERTY

MINEX (AM 32 Fr.) (IDE 2)

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

AM 16 claims in the southwestern part of the property, included geological mapping, soil geochemical and induced potential surveys, trenching, 7,000 feet of percussion drilling in 28 holes, and 2,107 feet of diamond drilling in 3 holes. The option was subsequently dropped. Minex carried out a geochemical survey and trenching in 1971.

"Bacon and Crowhurst, in a report of March 11, 1970 indicated the following tonnage estimates next to the Highmont Mining Corp. Ltd. boundary:

	Tons	% Cu	% MoS ₂
AM 32 Fr. claim	12,656,000	0.27	0.01
Ide 2 claim	11,711,000	0.17	0.02
Ide 10, AM 12, 14 claims	12,000,000	0.16	0.02
Total	36,367,000	0.20	0.016"

- in Minex Development Ltd., Statement of Material Facts, February 1972.

The company name was changed in 1974 to New Minex Resources Ltd. The property at that time comprised 34 claims and fractions.

Highmont Mining Corporation purchased the property for \$100,000 in about 1976. Highmont was amalgamated with Teck Corporation in September 1979. Work in this vicinity in 1984 included a geochemical soil survey, trenching and 1 027 m of diamond drilling in 5 holes.