

NAME OF PROPERTY

PYTHON (MAKAOO)

OBJECT LOCATED - center of Python-Copper Head claim boundary.

UNCERTAINTY IN METRES 200. Lat. 50°38'35" Long. 120°23'40"

Mining Division Kamloops District Kamloops

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

Makao Development Company Limited.

DESCRIPTION OF DEPOSIT

The claims lie mostly within the Jurassic and (?) Later Iron Mask batholith, covering about 3 miles of the north contact, and extending southerly across the batholith to the south contact on the Jet 19 claim. Four principal rock types have been recognized within the batholith; coarse grained diorite, syenite to monzonite, peridotite or picrite, and hydrothermally altered microdiorite (Sugarloaf Intrusions?). The batholith intrudes Triassic Nicola rocks, and contains many phases which may represent partly digested Nicola volcanics. A large lens or lenses of picrite near the north contact extend from the Python 3 claim southeasterly across the Copperhead, Noonday, and Python 8 Fraction claims. The dioritic rocks on the southwest side of this picrite are strongly shattered, altered with albite, and mineralized. The mineralization is chiefly chalcopyrite, occurring as stringers, lenses, and disseminations within the shattered zone and as disseminations in the adjacent rock. Pyrite, magnetite, and traces of bornite are found locally. Pink feldspathization is abundant in some of the mineralized areas.

see Card 2 ...

Associated minerals or products of value

Fluorspar

HISTORY OF EXPLORATION AND DEVELOPMENT

This property is located on the north slope of Coal Hill, about 3 miles southwest of Kamloops.

The Python and Noonday claims, the first staked on Coal Hill, were staked in August 1896 by Robert Buchanan, of Kamloops, and work was begun in sinking a shaft. Ownership of the property in 1897 was given as W.F. Wood and associates. The Python Mining Company, Limited, was incorporated in May 1899 and development work was carried on until 1902. During 1908 the property was under option to W.O. Young and drifting was in progress in one adit. Intermittent work by Mr. Wood and associates was carried out during the period 1909 through 1911. By 1910 the underground workings totalled 1,075 feet in two shafts and an adit. The Granby Consolidated Mining, Smelting and Power Company, Limited, optioned the property in 1916. Some diamond drilling was reported but results are not known. In 1922 the Lost Chord, Python No. 2, Noonday, Copper Head, and Python claims (Lots 2561-2565, respectively) were Crown-granted to John Beaton, W.W. Wood, J.R. Hall, and Susan Wood.

No further activity was recorded until 1954 when the property was reported held for a short time by the Canadian Mining and Smelting Company and selected areas of the property were covered by an electromagnetic survey. (No record has been found of a company by that name).

Makao Development Company Limited in 1955 acquired, in consideration of 1,200,000 shares, the 5 Crown-granted claims and 62 located claims and fractional claims in the Jet, Python, Dot, Pie, and other groups. From 1955 to 1963 the company spent in excess of \$300,000 on exploration and development work, inclusive of shaft sinking, drifting, crosscutting, diamond drilling, trenching, geological mapping, and geophysical surveys. By an agreement of March 1963 Quamco Limited was granted an option on the property. By an agreement dated February 1964 Quamco Limited assigned its interest in the earlier agreement to Rolling Hills Copper Mines Limited. Rolling Hills at that time acquired an additional 183 recorded claims. Work during 1964 included electromagnetic and induced potential surveys, and 11,865 feet of percussion drilling above the Python adit. During 1965 Vanco Explorations Limited held an option on this and a number of adjacent properties. On this property a geochemical survey was made and several drill holes put down

see Card 2

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

510596

HISTORY OF PRODUCTION

In 1899, 30 tons of ore were shipped from this property. From this ore 4,800 pounds of copper were recovered.

REFERENCES

- +Carr, J.M.; Deposits Associated with the Eastern Part of the Iron Mask Batholith near Kamloops; Report of Minister of Mines, British Columbia, 1956, pp. 47-69.
- Reports of Minister of Mines, British Columbia: 1896, p. 566; 1897, p. 613; 1899, p. 703; 1900, p. 889; 1901, p. 1078; 1902, p. 191; 1908, p. 121; 1909, p. 139; 1910, p. 127; 1911, p. 181; 1913, pp. 189, 190; 1915, p. 215; 1916, p. 266; 1922, p. 355; 1923, p. 150; 1955, p. 38; 1957, p. 29; 1958, p. 29; 1961, p. 46; 1963, p. 58; 1964, p. 98; 1965, pp. 159, 243; 1966, p. 148; 1967, p. 147; 1968, p. 172.
- Geology, Exploration and Mining; British Columbia Dept. of Mines: 1969, p. 235; 1970, p. 321; 1972, p. 196; 1973, p. 198; 1976, p. E 99.
- Mineral Policy Sector; Corporation Files: "Makao Development Company Limited"; "Rolling Hills Copper Mines Limited".
- Cockfield, W.E.; Geology and Mineral Deposits of Nicola Map-Area, British Columbia; Memoir 249, p. 111, Geol. Surv. of Canada, 1948.

MAP REFERENCES

- Preliminary Map 44-20 A, Nicola, Sc. 1":2 miles, accomp. Paper 44-20, Geol. Surv. of Canada.
- Eastern Part of the Iron Mask Batholith, Sc. 1":1 mile, Fig. 13, Report of Minister of Mines, British Columbia, 1967.
- Eastern Part of the Iron Mask Batholith, (Geol.), Sc. 1":3,500 ft. (approx.) - Fig. 3 & 4, Report by Carr.
- Map 886 A, Nicola, (Geol.), Sc. 1":4 miles - accomp. Memoir 249.
- Map 5216 G, Kamloops, (Aeromag.), Sc. 1":1 mile, 1968.
- #Map 92 I/9, Kamloops, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR	DMacR					
Date	8-78	02-82					

NAME OF PROPERTY

PYTHON (MAKAOO)

DESCRIPTION OF DEPOSIT (continued)

In places the ore is vuggy, with calcite, epidote, and some fluorite in the cavities. On the south side of the property, in the vicinity of Jet 19 claim, dioritic rocks are locally strongly fractured, pyritized, feldspathized, and carry copper mineralization.

HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

to test the resulting anomalies. Rolling Hills resumed work on the property in 1966. During the period 1966 to 1970, inclusive, further geophysical surveys were carried out and drilling totalled 2,400 feet in 5 diamond drill holes and 3,610 feet in more than 13 percussion holes. The geochemical and geophysical surveys to 1966 outlined a number of anomalies. Drilling and underground work to 1970 has outlined the following mineralized zones: Python zone, 220,000 tons at 1.11% copper; Copper Head zone, 90,000 tons at 1.13% copper. (R.H. Seraphim, rept. 1/05/72 - in VSE SMF 4/07/72, Makao Development C L).

By an agreement dated October 2, 1972, Makao granted an option as to Teck Corporation Limited (65%) and Iso Mines Limited (35%) to acquire a share interest in the company. Work by Teck in 1972 included geological mapping, an induced potential survey over 3.5 line-miles, a geochemical survey (560 samples), 3,197 feet of surface diamond drilling in 7 holes on the Noonday claim, and percussion drilling in 41 holes totalling 12,550 feet over various parts of the property. Percussion and minor diamond drilling in the Noonday zone to the end of 1972 indicated 600,000 tons of 0.74% copper (C.T. Pasioka rept. 13/07/78 - in VSE SMF 6/11/78, Makao Development C L). For this work Makao issued to Teck 100,000 shares in the company. Teck carried out an induced potential survey in this vicinity in 1973. The option agreement subsequently expired.

In 1976 the property was optioned to a private interest. Percussion drilling totalling 240 metres was carried out during the year on the Copper Head claim. During 1978-79, Makao carried out rehabilitation and diamond drilling, in part on the Copper Head zone; reserves in this zone were reported at 115,000 tons at 1.13% Cu (C.T. Pasioka 06/06/80, in International Makoo Limited Statement of Material Facts 27/08/80). The company name (Makoo) was changed in January 1980 to International Makoo Limited.