

NAME OF PROPERTY BEAR, WOLF

OBJECT LOCATED - from Geology, Exploration, and Mining, 1973.

UNCERTAINTY IN METRES Lat. 59°46' Long. 127°13'

Mineral Division Liard District Cassiar

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The exposed bedrock consists of thinly laminated brown to grey argillite. Much of the rock is brecciated into angular fragments 1 inch or less in diameter, some closely packed and some relatively widely spaced in a sometimes vuggy siliceous matrix. Barite is present as vein segments, pods, and narrow stringers. The largest mass of barite exposed lies in a vein 20 feet wide that strikes N77°E and dips vertically. The vein is streaked grey and white and is ribboned by fractures parallel to its north wall. Galena and minor sphalerite are present in irregular patches along some fractures; other fractures are open and contain a honeycombed arrangement of barite crystals. About 1,000 feet to the southwest, yellow to whitish barite occurs in scattered isolated patches up to 3 feet in diameter and in an irregular vein-like mass that is exposed for about 300 feet by stripping.

Associated minerals or products of value - Lead, zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located some 3½ to 5 miles north of Milepost 547 on the Alaska Highway.

The showings were discovered and 4 claims staked by Gordon B. Smith, of Edmonton, in October 1963. Magnet Cove Barium Corporation Ltd. optioned the property in 1964 and staked the Bear, Moose, and Beaver groups to a total of 36 claims. Stripping was reported in two areas, one about 400 feet by 150 feet, the other about 300 feet by 100 feet.

The adjacent Wolf 1-40 claims were owned by Dresser Industries, Inc. in 1970. An airborne magnetometer survey was carried out during the year. In 1972 Dresser Industries owned the Beaver, Bear, Moose, Deer, and Wolf groups totalling 94 claims. During 1972 geological mapping, gravity and magnetometer surveys over 20 line-miles, a geochemical soil survey (2,000 samples), trenching, 2,500 square feet of stripping on Beaver 6 claim, and 4,000 feet of diamond drilling in 15 holes was carried out. In 1973 a gravity survey over 1 line-mile, trenching, and 3,135 feet of diamond drilling in 23 holes was carried out on Moose 13 and 14.

HISTORY OF PRODUCTION

REFERENCES

Report of Minister of Mines, British Columbia: 1965,
p. 257 + .

Geology, Exploration, and Mining; British Columbia Dept.
of Mines: 1971, p. 455; 1972, p. 579; 1973, p. 540.

MAP REFERENCES

Map 46-1962, Rabbit River, (Geol.), Sc. 1":4 miles.
Map 94 M/14, Barney Lake, (Topo.), Sc. 1:50,000.
Map 94 M/11, Lower Kechika, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	9-76						

PRODUCT	BARIUM	PROVINCE OR TERRITORY	British Columbia	N.T.S. AREA	94 M/14	REF. BA 1
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