

PRODUCT

COPPER

PROVINCE OR
TERRITORY

British Columbia

N.T.S. AREA 103 B/6

REF. Cu 6

NAME OF PROPERTY

MORESBY ISLAND

LOCATION—Center of Lot 78.

Uncertainty in meters 100.

Lat. 52°16'54" Long. 131°13'13"

Mining Division Skeena

District Queen Charlotte

County

Township or Parish

Lot 78

Concession or Range

Sec.

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

Jedway Iron Ore Limited.

DESCRIPTION OF DEPOSIT

These showings consist of a small compact body of massive magnetite and a zone of disseminated chalcopyrite in a slightly skarned flat-lying lens of limestone at the southern contact of the Jedway stock. The limestone, part of the Triassic Karmutsen Formation, is variably altered, ranging from slightly recrystallized to marbelized to skarnified with replacement by garnet, epidote and actinolite. Disseminated chalcopyrite occurs on the surface in an area about 190 feet long and 30 feet wide. Chip samples of surface showings averaged 1.1% copper with 0.9 oz./ton silver.

Associated minerals or products of value - Iron, silver.

HISTORY OF EXPLORATION AND DEVELOPMENT

This property is located one mile southwest of Harriet Harbour at about 750 feet elevation on the southeast coast of Moresby Island. It covers an area of 45.79 acres on Lot 78. It was part of a large block originally held by J.S. McMillan (see Copper Queen, 103 B/6, Cu 3).

The showings were discovered in 1905-1906 and Crown-granted in 1910. Early work consisted of trenching and open-cutting. In 1956 Silver Standard Mines Limited drilled two packsack holes totalling 100 feet. The reserves were estimated at 12,000 tons.

The property is now part of Jedway Iron Ore Limited's large group of claims (see Jessie, 103 B/6, Fe 1).

HISTORY OF PRODUCTION

REFERENCES

- Brown, A.S.; Geology of the Queen Charlotte Islands; Bulletin 54, pp. 198, 210, British Columbia Dept. of Mines, 1968.
- Reports of Minister of Mines, British Columbia: 1907, p. 67; 1910, p. 246.
- McConnell, R.G.; Texada Island and Moresby Island, British Columbia; Summary Report, 1909, p. 77, Geol. Surv. of Canada.
- Mineral Resources Branch; Corporation Files: "Silver Standard Mines Limited"; "Jedway Iron Ore Limited".
- Mineral Deposit Inventory, Property No. 286, British Columbia Dept. of Mines.
- Carmichael, H.; Queen Charlotte Islands; Annual Report, 1929, p. 60, British Columbia Dept. of Mines.

MAP REFERENCES

- Fig. 5, Geology of the Queen Charlotte Islands, (Geol. and Topo.), Sc. 1:125,000; Accomp. Bulletin 54.
- Fig. 34, (#46), Mineral Resources Map, (Geol.), Sc. 1": 8 miles; Accomp. Bulletin 54.
- Map 103 B-C (MI), (#36), Moresby Island, Sc. 1:250,000; B.C. Dept. of Mines and Petroleum Resources, 1969.
- *Map 103 B/6 E, Jedway, (Topo.), Sc. 1:50,000.

REMARKS

BCI 103B-C-36

JULY 1973