

NAME OF PROPERTY

MAPLE LEAF, COLLISON BAY

OBJECT LOCATED—showing.

UNCERTAINTY IN METERS 300. Lat. 52°16'17" Long. 131°08'20"

Mining Division Skeena District Queen Charlotte

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The mineralization occurs in dyke-like sulphide-rich masses of magnetite, pyrrhotite, pyrite, and chalcopyrite, which appear to be metasomatic replacements along steep northerly striking shear zones within the Karmutsen Formation. Assays gave values of 1 to 2% copper. Assays in 1908 reportedly gave values of 4% copper and \$20 in gold per ton.

Associated minerals or products of value - Iron, gold.

HISTORY OF EXPLORATION AND DEVELOPMENT

Discovered in 1906, the Maple Leaf group is located between sea level and 500 feet elevation at the mouth of Collison Bay.

In 1908 owners J.H. Gordon and associates bonded the property to the Bellingham Copper Company of Bellingham, Washington, and some work was done under the agreement. Collision Bay Mining Company, Limited, was incorporated in January 1909 to acquire the property, comprising 5 claims, the Black Prince, Mine Fraction, Kenora, Office Fraction, and a half interest in the Shamrock claim. The workings in 1909 included an upper adit (Gordon Tunnel), at the 500 foot elevation, which was 15 feet in length; the No. 1 adit, at an elevation of 350 feet, which comprised a 100 foot cross-cut from which a 100 foot drift and 80 foot winze were driven; and a lower adit, 50 feet in length, which did not reach the mineralization. The mine closed in November 1909.

In 1973 Barrel Resources Ltd. held 40 claims in the Itsa and CU groups, covering the southern and western shores of Collison Bay and including several old properties. Work done in the area included: linecutting and magnetometer survey, 4.6 line-miles; electromagnetic survey, 2.9 line-miles; geochemical soil survey, 97 samples taken on a 100 by 200-foot grid spacing.

Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa.

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HISTORY OF PRODUCTION

REFERENCES

Brown, A. Sutherland; Geology of the Queen Charlotte Islands; Bulletin No. 54, p. 213, British Columbia Dept. of Mines, 1968.

Reports of Minister of Mines, British Columbia: 1908, p. 59; 1909, pp. 70, 81; 1913, p. 103; 1918, p. 44; 1920, p. 45.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1973, p. 482.

MAP REFERENCES

Geology of the Queen Charlotte Islands, Sc. 1:125,000.
Fig. 5, Sheet A - accomp. Bulletin No. 54.

#Sheet 103 B-C, (MI), Moresby Island, Mineral Inventory Map, Sc. 1:250,000, British Columbia Dept. of Mines.

*Map 103 B/6 E, Jedway, (Topo.), Sc. 1:50,000.

REMARKS

BCI 103B-C-43

Comp./Rev. By	LJ						
Date	6-75						