

NAME OF PROPERTY BLUE MULE (KOOTENAY) (RUPERT) (HAIDA GOLD)

OBJECT LOCATED-showing.

UNCERTAINTY IN METERS 300. Lat. 52°51'35" Long. 132°09'56"

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 showings are confined to massive greenstones of the Upper Karmutsen Formation which outcrop over a $\frac{1}{2}$ mile width, strike N60°E and dip 40°S. The mineral occurrence consists of a brecciated and reticulated quartz vein system, which strikes N60°E and dips 65° to 75°SE. Five veins occur within a width of 350 feet. The veins are composed mostly of quartz, with sparse pyrite and chalcopyrite, and some fine free gold. Individual veins have been traced for 400 to 1,000 feet and are 6 inches to 5 feet wide. The vein walls are slightly silicified and chloritized.

A 1920 sample, across a 26 inch width of the vein, assayed \$10 a ton in gold and 0.5 ounces a ton in silver.

Vein C, where intersected by No. 3 adit, showed 30 inches of solid quartz and 60 inches of small quartz veins and stringers. Two assays, from the drift on the vein, taken over widths of 28 and 30 inches, gave values of 0.217 and 0.19 ounce, respectively, of gold per ton.

Associated minerals or products of value - Silver.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at an elevation of about 500 feet, $\frac{3}{4}$ of a mile north of the south arm of Kootenay Inlet on the west side of Moresby Island. The showings were discovered and three claims staked by Jones, Wiggs, and McRae in 1919.

In 1921 Jones and Larson leased the property for three years. Work on the largest vein consisted of open-cutting and stripping for a length of 600 to 700 feet. In 1922 a sample of several hundred pounds of ore assayed at \$23.60 a ton in gold, of which \$14 was recoverable free gold. By 1923 a 10 ton Ross mill, with a capacity of one ton per day, had been installed. In 1926 the main vein was traced to a total length of 7,000 feet.

E.C. Stevens, in 1930, restaked the showings as the 4 claim Rupert group. Open cutting and stripping located additional parallel veins.

Haida Gold Mines, Limited, incorporated in 1933, surveyed the original claims and with additional staking expanded the property to 10 claims. Work done included surface stripping and trenching, cross-cutting, and underground drifting on vein C. Detailed sampling in the 280-foot long drift adit (No. 1 adit) showed values varying from 0.02 to 1.42 ounces of gold per ton, with an average assay value of 0.214 ounces of gold per ton across a width of 29 inches. In late 1933, C.C. Starr began adit No. 3 at the 218-foot elevation, 288 feet below No. 1 adit. No. 3 adit intersected vein C at a distance of 387 feet from the portal where the vein was drifted on for 120 feet. The property was closed in October 1934 due to lack of funds.

The property was examined by Vidette Gold Mines, Limited, in 1936. Work was reported to have resumed during the year.

Cusac Industries Ltd GCNL 30/11/84

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, pp. 173, 218, British Columbia Dept. of Mines, 1968.

Reports of Minister of Mines, British Columbia: 1920, p. 43; 1921, p. 38; 1922, p. 40; 1923, pp. 41-42; 1925, p. 65; 1926, p. 66; 1928, p. 64; 1932, pp. 44-46; 1933, p. 40; 1934, p. B03; 1936, p. B-4.

Mineral Development Sector; Corporation File: "Haida Gold Mines, Limited".

Western Canada Mining News: Sept. 10, 1933; Jan. 24, 1935; May 10, 1935; April 24, 1936.

MAP REFERENCES

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

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

*Map 103 C/16 E, Moore Channel, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	LJ						
Date	6-75						

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