

NAME OF PROPERTY EARLY BIRD (GOLD HARBOUR)

OBJECT LOCATED—showing.

UNCERTAINTY IN METERS 250. Lat. 52°57'15" Long. 132°10'38"

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 showing is located in the pillow lava facies of the Karmutsen Formation of Triassic age. The mine development follows a minor fault zone containing a stringer vein system with two main branches striking N45°E and N27°E, and dipping near vertical. The veins, 2" to 3 feet wide, are composed of quartz and calcite with minor pyrite, chalcopyrite and fine free gold. There is minor silicification and chloritization of the walls of the fracture zone. A sample across a 6 inch stringer in the lower adit assayed 1.20 ounces of gold per ton and 0.1 ounce of silver per ton.

Associated minerals or products of value - Silver.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property, the first lode mine in British Columbia, is located on the south side of Mitchell Inlet in Moore Channel on the west coast of Moresby Island. The showing was first prospected in 1852 by Captain Mitchell for the Hudson's Bay Company. By 1859, Major W. Downie was reported to have recovered between \$5,000 and \$75,000 in gold by trenching. In 1907 the property, owned by J. McLellan, consisted of 16 claims. In 1908 it was bonded to Nuba Mining Company, Limited. Underground work produced 10 tons of free milling gold ore that averaged \$60 per ton. The company charter was surrendered in 1912. Owner McLellan continued intermittent work on the property into 1933. The workings at that time included three adits, and a 35 foot raise from the lower adit to the surface. The lower adit, which has a portal just above high sea level, is a 216 foot-long drift with an average strike of N35°E. The middle adit, connected to the lower adit by a 50-foot raise, comprises a 25-foot crosscut and a 60-foot drift. The upper adit, at an elevation of 60 feet, is a 40-foot drift. From the lower adit a winze was sunk for 38 feet from which a 10-foot crosscut and 70-foot drift were driven. An open stope exists from the lower to the upper adit levels.

Gold Harbour Mines, Limited, incorporated in 1933, installed an amalgamating mill which could handle 40 tons per day. Initial milling treated an old dump, recovering 140 ounces of gold. From a small open cut the company is reported to have recovered \$17,000 in gold. Operations were suspended on December 13, 1933.

In 1939, D.F. Kidd, lessee, is reported to have made a shipment of 15 tons of high-grade ore from which 150 ounces of gold were recovered.

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

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HISTORY OF PRODUCTION

Intermittent production has been reported from 1859 to 1939 but records are incomplete. Recorded production from 1913 to 1933 totals 172 tons. From this ore 154 ounces of gold and 30 ounces of silver were recovered. In 1939, 150 ounces of gold were recovered from 15 tons of ore.

REFERENCES

- Brown, A. Sutherland; Geology of the Queen Charlotte Islands; Bulletin No. 54, pp. 165, 177, 217, British Columbia Dept. of Mines, 1968.
- Reports of Minister of Mines, British Columbia: 1907, p. 58; 1908, p. 60; 1909, pp. 71, 76-77; 1910, p. 84; 1911, p. 77, 1913, pp. 104, 419; 1914, p. 509; 1915, pp. 75, 444; 1918, pp. 41-42; 1921, p. 38; 1922, p. 40; 1923, p. 42; 1932, pp. 41-44; 1933, p. 39; 1934, p. B-3; 1939, p. 67.
- Mineral Development Sector; Corporation File: "Gold Harbour Mines, Limited".
- Mackenzie, J.D.; Geology of Graham Island, British Columbia; Memoir 88, p. 174, Geol. Surv. of Canada, 1916.
- Dawson, George M.; Report on the Queen Charlotte Islands; Report of Progress 1878-79, p. 13-B, Geol. Surv. of Canada.
- Report of Progress, 1887, pp. 17-R, 143-R, Geol. Surv. of Canada.

MAP REFERENCES

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

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

REMARKS

Comp./Rev. By	LJ						
Date	6-75						