

NAME OF PROPERTY

HYLAND (HIGHLAND) BASIN

OBJECT LOCATED -Property #3, Map 671 A.

UNCERTAINTY IN METRES 200. Lat. 54°54'40" Long. 126°51'15"

Mining Division Omineca District Range 5 Coast

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The formation consists of argillite, argillaceous quartzite, limestone and tuffs of the Hazelton Group. These rocks are intruded by several rhyolite dykes, some of which follow the shearing of the country rock. The main showing consists of lenticular quartz veins following both walls of a rhyolite dyke that strikes easterly, parallel to the shearing of the argillite. The quartz varies in width from a thin streak to 5 feet. The quartz is barren in places and elsewhere is well mineralized with galena and tetrahedrite and a little sphalerite and chalcopyrite. The metal content is erratic and the limited amount of underground work suggests that the surface showing does not continue to depth. Small shipments have been made of selected ore containing a high silver content.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at the 5,600 foot elevation at the head of Cronin Creek, 15 miles northeast of Smithers.

The Hyland Basin group was owned by Martin Cane and Tom King from about 1922. Exploration work was done in open cuts and a 35 foot crosscut adit. The property was optioned by J.F. Duthie in the fall of 1923 and an adit was driven for 190 feet along the projected strike of the veins. The property was optioned in 1925 to Messrs. Gale and Milligan, of Smithers. During 1925-26 four short crosscuts were driven in an attempt to locate the mineralized zone. In the summer of 1926 the 6 claim Hyland Basin group was optioned by H.L. Messner. Small shipments of sorted ore were made by owners Cane and King in 1935 and by C.M. Campbell in 1939.

In 1940 the property was optioned by the Cane and King Estates to H.W. Agnew, R.W. Wilson, and associates, of Vancouver. Hyland Basin Gold Mines, Limited, was incorporated in June 1940. Two lots comprising 2.46 and 1.94 dry tons of sorted ore were shipped to the Dept. of Mines Sampling Plant at Prince Rupert during the year. The company charter was surrendered in 1948.

American Yellowknife Gold Mines Limited optioned the 8 claim Hyland Basin group in 1951. Geological mapping, and trenching were reported. The option was subsequently dropped.

HISTORY OF PRODUCTION

During the period 1935-1940 recorded production totals 11 tons of sorted ore shipped from this property. From this ore 11 ounces of gold, 2,729 ounces of silver, 7,488 pounds of lead, and 876 pounds of zinc were recovered.

REFERENCES

Lang, A.H.; Houston Map-Area, British Columbia; Paper 40-18, p. 5, Geol. Surv. of Canada.

Reports of Minister of Mines, British Columbia: 1922, p. 105; 1923, p. 111; 1924, p. 97; 1925, p. 137; 1926, pp. 132, 133; 1935, pp. A 24, C 39; 1939, p. 58; 1940, pp. 23, 55; 1951, p. 112.

Hanson, G.; Driftwood Creek Map-Area, Babine Mountains, British Columbia; Summary Report 1924, Pt. A., p. 32, Geol. Surv. of Canada.

Mineral Policy Sector; Corporation Files: "Hyland Basin Gold Mines, Limited"; "Rayrock Mines Limited".

MAP REFERENCES

Map 69-1, Smithers, Hazelton, and Terrace Areas, (Geological compilation), Sc. 1":4 miles, British Columbia Dept. of Mines.

#Map 671 A, Houston, (Geol.), Sc. 1":4 miles (1942).

#Map 2048, Driftwood Creek, (Geol.), Sc. 1":1 mile - accomp. Summary Report 1924, Pt. A.

Map 5318 G, Driftwood Creek, (Aeromag.), Sc. 1":1 mile.

*Map 93 L/15, Driftwood Creek, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	12-75						