

NAME OF PROPERTY DRIFTWOOD, RAINBOW, JUDGE

OBJECT LOCATED—Driftwood Creek claim (Lot 6779).

UNCERTAINTY IN METRES 100. Lat. 54°53'10" Long. 126°57'50"

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 property is underlain by altered Jurassic andesite and tuff of the Hazelton group. Mineralization consisting mainly of pyrite, chalcopryrite, and tetrahedrite occurs in a number of quartz veins and siliceous zones of varying strikes and dips. An adit 75 feet long follows an irregular, lenticular quartz vein up to 6 inches wide that strikes north 85 degrees east, the dip varying from 50 degrees south to vertical. The vein consists of quartz and fairly massive tetrahedrite, chalcopryrite, and pyrite. Ore is said to have been shipped from this adit, probably in 1937.

Fifty feet above the last-named adit another, 15 feet long, exposes two intersecting quartz veins containing considerable tetrahedrite. One vein, 3 inches wide, striking north 5 degrees east and dipping 40 degrees east, is terminated by a fault that strikes north 40 degrees west and dips 55 degrees southwest. The other vein is 4 inches wide, strikes north 65 degrees west, and dips 67 degrees south.

On the Judge No. 1 claim the mineralization is concentrated along siliceous zones paralleling beds of tuff. Pyrite, chalcopryrite, bornite, and tetrahedrite occur in two bands, confined to a bed of purple breccia lying between beds of fine-grained reddish tuffs. A 1,426 pound sample, shipped in 1937 to Prince Rupert assayed: Gold, 1.18 ounces per ton; silver, 30 ounces per ton; copper, 10%. Another sample of 0.539 tons, shipped in 1939, assayed: Gold, 0.57 ounces per ton; silver, 40.2 ounces per ton; copper, 12%; zinc, 0.9%; antimony, 1.65%.

Associated minerals or products of value - Gold, copper, lead, zinc, antimony.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at elevations of 3,500 to 4,500 feet on the east and south sides of Driftwood Creek, 11 miles northeast of Smithers.

Eight claims in 3 groups, comprising the Rainbow Nos. 1-3, Bird, Driftwood Creek, Annie D, and Judge Nos. 1 and 2 claims and fractions, were held by a Smithers syndicate of which G.R. Wright and H.J. Kelly were the principal owners. Exploration and development work in open cuts and short adits were reported from 1921. The Rainbow No. 1, Rainbow No. 2, and Bird claims were optioned by F.H. Taylor of Smithers in 1925. The Annie D (Lot 3674) and Driftwood Creek (Lot 6779) claims were Crown-granted in 1927 to Messrs. Wright, Kelly, T.J. Allen, and E.E. Orchard.

The Driftwood Creek and Judge groups were included in ground held under option by The Consolidated Mining and Smelting Company of Canada Limited in 1928-29. Work by Consolidated was apparently confined to the nearby Harvey property. The owners resumed work on the property in 1929 and intermittent development continued into 1931. Ten tons of ore were shipped from the property in 1937. Samples were shipped to the Dept. of Mines Sampling Plant at Prince Rupert by F.H. Johnson in 1937 and A.A. McLean in 1939. The Rainbow group was owned in 1940 by Mrs. J. Wright and Angus McLean. The workings to 1940 included 276 feet of cross-cuts and drifts in 4 adits.

Silver Creek Res L (FS 226/55) ?

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HISTORY OF PRODUCTION

In 1937, 10 tons of ore were shipped from the Driftwood property. From this ore 3 ounces of gold, 705 ounces of silver, 240 pounds of copper, 720 pounds of lead, and 540 pounds of zinc were recovered.

REFERENCES

Reports of Minister of Mines, British Columbia: 1921, p. 102; 1923, p. 111; 1924, p. 97; 1925, p. 138; 1927, p. 481; 1929, p. 165; 1930, p. 140; 1931, p. 73; 1937, p. C 33; 1938, p. C 49; 1939, p. 59.

Lang, A.H.; Houston Map-Area, B.C.; Paper 40-18, p. 8, Geol. Surv. of Canada.

Hanson, George; Driftwood Creek Map-Area, Babine Mountains, British Columbia; Summary Report 1924, Pt. A., p. 34, Geol. Surv. of Canada.

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.

Driftwood Creek, claim map, Sc. 1":2,000 ft., Report of Minister of Mines, British Columbia, 1928, p. 166.

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						