

NAME OF PROPERTY SILVER QUEEN (LORRAINE) (VICTORIA)

OBJECT LOCATED-Prospect symbol, Map 2048.

UNCERTAINTY IN METRES 400. Lat. 54°53'07' Long. 126°48'

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 sedimentary rocks of the Hazelton group, mainly argillite, with contorted bedding-planes which strike northeasterly and dip variably southeastward. These rocks extend eastward from their contact with massive light-coloured lava flows, which here form the core of the Babine Mountains. The argillite is traversed by several southerly striking rhyolite dykes which dip steeply westward. The two showings found on the property are referred to as the Main vein and West vein. The Main vein is a bedded quartz stringer lode in contorted argillite. The lode pinches and swells irregularly, and probably averages about 18 inches in width. As a general rule it is sparsely mineralized with disseminated pyrite, galena, sphalerite, chalcopyrite, and occasional grains of tetrahedrite. A 51 inch channel sample taken across a local enlargement of the vein assayed: silver 14.1 ounces per ton; lead 7.1%.

The West vein consists of two parallel quartz stringer-zones separated by about 40 inches of sheared argillite and gouge. It strikes south and dips 70° west. The hanging-wall is a rhyolite dyke and the foot-wall is argillite. The quartz stringers contain sparsely disseminated pyrite and base-metal sulphides. A composite channel sample of the two stringer-zones, aggregating 30 inches in width assayed: silver 0.2 ounces per ton; zinc 1.2%.

Associated minerals or products of value - Lead.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at the 5,000 foot elevation at the head of Higgins Creek 17 miles northeast of Smithers.

The Victoria claim group was owned by Patrick J. Higgins, of Spokane, from about 1916. Development work to 1918 was done in a 140 foot adit, and 3 shafts 50, 40, and 15 feet deep. The 16 claim Victoria group was optioned in the summer of 1926 by H.L. Messner. A new low level cross-cut adit was begun during the year. Lorraine Copper Silver Mines, Limited, was incorporated in February 1929 and work into 1931 included extending the crosscut adit and surface exploration. The company charter was surrendered in 1937.

The Lorraine group of 8 claims and fractions was owned by B.F. Messner, of Smithers, and associates, in 1946. American Yellowknife Gold Mines Limited held the property under option in 1951 and carried out geological mapping, stripping, sampling, and apparently some diamond drilling; the option was abandoned before the end of the year. Some work was reported in the upper adit in 1958.

B.F. Messner and associates in January 1964 incorporated a private company, Native Mines Limited, to acquire the property as the Silver Queen, New Strike, and Extension groups totalling 18 claims. Exploration work during 1965-66 included an electromagnetic survey, surface stripping, 1,760 feet of surface diamond drilling in 15 holes, and some 800 feet of crosscutting and drifting in a new crosscut adit which was begun in November 1965. In 1969 the company had a small crew hand cobbing ore with the intent of accumulating a carload lot.

HISTORY OF PRODUCTION

In 1917, 7 tons of ore were shipped from this property. From this ore 686 ounces of silver and 7,000 pounds of lead were recovered.

REFERENCES

- White, W.H.; Lorraine Property; Report of Minister of Mines, 1946, p. 88, British Columbia Dept. of Mines.
- Hanson, G.; Driftwood Creek Map-Area, Babine Mountains, British Columbia; Summary Report 1924, Pt. A., p. 32, Geol. Surv. of Canada.
- Reports of Minister of Mines, British Columbia: 1918, p. 119; 1921, p. 103; 1922, p. 106; 1924, p. 97; 1926, pp. 132, 134; 1928, p. 167; 1929, p. 166; 1930, p. 141; 1931, p. 73; 1938, p. C 49; 1940, p. 44; 1951, p. 112; 1958, p. 10; 1966, p. 82.
- Mineral Policy Sector; Corporation Files: "Lorraine Silver Mines, Limited"; "Rayrock Mines Limited"; "Native 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						