

NAME OF PROPERTY RICO ASPEN

OBJECT LOCATED -Rico Aspen claim (Lot 2648).

UNCERTAINTY IN METRES 100. Lat. 54°51'30" Long. 127°20'

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

At an elevation of 4,700 feet on the south slope sedimentary rocks are in contact with volcanic rocks that extend up the slope to the peak. The volcanic rocks are intruded by two granodiorite stocks. One of these forms the core of the highest peak of Mount Evelyn and the other extends down the slope for over 1,000 feet from the saddle east of the peak and easterly for 1 mile down the east shoulder of the mountain.

A narrow, mineralized zone has been followed down the south-east side of the peak of Mount Evelyn between elevations of 6,600 feet and 6,475 feet by a short adit and several open-cuts. The zone occurs in fine-grained granodiorite along a fault that strikes north 10 degrees west and dips 60 degrees southwest. It is narrow, rarely exceeding 2 inches in width, and in places pinches to a fraction of an inch. It consists of altered rock replaced by considerable tetrahedrite. This is evidently the occurrence from which 2 tons of ore was shipped in 1913.

Jones (1925) describes the showing as a sheared zone striking N40°E and dipping 43°SE in andesitic flows and breccia. The shear zone at the surface shows slight mineralization in the form of stringers containing galena, sphalerite, arsenopyrite, and pyrite.

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

HISTORY OF EXPLORATION AND DEVELOPMENT

The Rico Aspen claim is located at the 5,500 foot elevation on the east side of the summit of "Mt. Evelyn", on the northeast side of the Hudson Bay Mountain, 8½ miles northwest of Smithers.

The Rico Aspen and Rio Grande (93 L/14, AU 6) claims were part of an 8 claim group originally owned by J. Sheedy and J. Fisher and reported on in 1909 as the Sheedy group. The workings at that time included open cuts, a 45 foot adit, and a 15 foot shaft. A.C. Garde optioned the property in 1917. Jones (1925) reported that in 1924 a cross-cut and drift adit was driven. Mr. Garde re-optioned the 8 original claims, and 6 adjacent claims, in 1933. Exploration work, including diamond drilling, was carried out in 1934 under the name Rio Grande Syndicate. The workings at that time included a 150 foot adit. The Little Joe, Rico Aspen, Spondulix, Big Hope Fr., Iron Dollar, Last Hope, Rio Grande, and Jumbo (Lots 2647, 2648, 7272-7275, 7277, 7278, respectively) were Crown-granted in 1934 to the Estates of J. Fisher and L.S. McGill. In the 1940's the claims were held by the Fisher Estate and David Bird.

120645

HISTORY OF PRODUCTION

Two tons of ore were reported shipped to the Granby smelter at Anyox in 1913. This ore is reported to have assayed: silver, 84.5 ounces per ton; copper, 7%; gold, \$2.50 per ton. (Report of Minister of Mines, British Columbia, 1934, p. C 8.)

REFERENCES

- Reports of Minister of Mines, British Columbia: 1909, p. 84; 1934, p. C 8; 1935, p. G 48.
- Jones, R.H.B.; Geology and Ore Deposits of Hudson Bay Mountain, Coast District, B.C.; Summary Report 1925, Pt. A., p. 142, Geol. Surv. of Canada.
- Kindle, E.D.; Mineral Resources, Hazelton and Smithers Areas, Cassiar and Coast Districts, British Columbia; Memoir 223 (Revised Edition), p. 118, 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.
- Preliminary Map 44-23, Smithers, (Geol.), Sc. 1":2 miles, Paper 44-23, Geol. Surv. of Canada.
- Sketch Map, Hudson Bay Mountain, (Geol. & Min. Dep.), Sc. 1":1 mile, Fig. 1 - accomp. Paper 36-20, Geol. Surv. of Canada.
- Map 5319 G, Smithers, (Aeromag.), Sc. 1":1 mile.
- #Map 93 L/14 W, Smithers, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
Date	1-76						