

NAME OF PROPERTY

COUSIN JACK

Center of Cousin Jack claim
LOCATION-(Lot 263).

Uncertainty - 200 metres.

Lat. 49°36'25" Long. 120°48'

Mining Division Similkameen

District Yale

County

Township or Parish

Lot

Concession or Range

Sec.

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The showings occur in sericite-chlorite schists, greenstones, and volcanics of the Triassic Nicola Group some 1,000 to 1,500 feet northwest of the contact with granitic rocks of the Coast Range intrusions. The schistose zones strike northerly and dip westerly at angles between 15 and 25 degrees, which appears to conform to the original bedding. Mineralization has been found in several well-defined zones that strike west of north and in part follow the dip of the schistosity and in part are nearly vertical. The mineralization is mainly pyrite and sphalerite, and a little galena, in quartz and silicified greenstone. The mineralization occurs as stringers, bands, and masses, individually 2 to 4 feet wide, mainly as replacement of the greenstone and only to a minor extent as vein fillings. A sample across 18 inches from the best galena showing assayed: gold, 0.16 oz./ton, silver, 1.4 oz./ton, lead, 12.9%, zinc, 18.6%.

Associated minerals or products of value - Gold, silver, lead.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located on the northeast side of Boulder Mountain, 4½ miles north-northwest of Tulameen.

The original claim group, comprising the Cousin Jack, Ymir, Penobscot, Monte Verde, and Chilliwack claims, was acquired in 1901 by Alex Galinger of Wisconsin. The Boulder Mining Company Limited was incorporated in 1902 to develop the property. Development work to 1905 was done in open cuts, an 80 foot inclined shaft, a 25 foot adit on the Ymir claim, and 2 adits totalling 192 feet on the Cousin Jack claim. Part of the original property was restaked and additional claims added. Crown-grants were issued in 1905 to the Boulder Mining Company for the Cousin Jack, Ymir, Morning, Oshkosh, Winibago, Blackbird, and Berlin Fraction claims (Lots 263-269, respectively). No information has been found on the Anaconda claim (Lot 373) which adjoins to the northeast, just south of Elliot Creek. Information on the Freddie Burn claim (Lot 270), adjoining the Cousin Jack on the south, see 92 H/10, Cu 2.

The Ottawa group of located claims adjacent to the Crown-grants was held in 1922 by Jack Osborne, of Tulameen. In 1933 Mr. Osborne & associates held in addition to the Cousin Jack Crown-grant, the Ottawa, Homestead, Canadian Girl, Yankee Girl, Florence, Wisconsin, and Michigan located claims. In 1934 W.O. Vallence and associates, of Blakeburn, held the remaining Crown-grants. No new development work was reported at that time.

Nelway Mines Ltd. held the property, then comprising 36 claims. A geochemical survey was carried out and several diamond drill holes put down in an anomalous area.

Gold River Mines Ltd. in 1970 optioned the Cousin Jack (Mineral Lease 82) from K.J. Chester, and the remaining Crown-grants (Mineral Lease 83) and the J.M. 1-2 claims from Marco Koklo and John Strebchuk. The Tex 1-10 claims were optioned from W.D. Beban, and the Hope, Pit, Hawk, and Ken groups were staked by the company. The company also acquired the Freddie Burn and International Crown-grants for a total of 43 claims. During 1971 a soil geochemical survey was carried out over 16 line miles. A 1972 agreement with Texal Development Ltd. and Dalton Resources Ltd. gave each the right to earn a 24% interest in the property. The company name (Gold River) was changed in May 1973 to Gold River Mines & Enterprises Ltd.

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1901, pp. 1088, 1178; 1903, p. 186; 1904, p. 238; 1905, pp. 207, 254; 1908, p. 133; 1933, p. 173; 1934, pp. D-21, D-22; 1937, pp. D-27-29; 1967, p. 177.

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1971, p. 283.

Mineral Resources Branch; Corporation Files: "Gold River Mines & Enterprises Ltd."; "Nelway Mines Ltd."; "Texal Development Ltd."

Rice, H.M.A.; Geology and Mineral Deposits of the Princeton Map-Area; Memoir 243, p. 96, Geol. Surv. of Canada, 1947.

MAP REFERENCES

Map 888 A, Princeton, (Geol.), Sc. 1":4 miles - accomp. Memoir 243.

Map 92 H/10, Tulameen, (Topo.), Sc. 1:50,000.

REMARKS

AUG 1973

BCI 92 H/NE-18.