

NAME OF PROPERTY HEATHER (DOROTHY)

OBJECT LOCATED - showing.

UNCERTAINTY IN METRES 400. Lat. 54°47'37" Long. 127°16'55"

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 5,350 feet on the north side of the ridge, between the forks of Simpson Creek, an open-cut exposes a shear zone 4 feet wide in the volcanic rocks of the Hazelton group. The shear zone is mineralized with arsenopyrite and sphalerite across a width of 2 feet 9 inches. A sample collected across the vein by D. Lay (1931) assayed: gold, 0.10 ounce a ton; silver, 0.5 ounce a ton; and zinc, 3.4 per cent. The zone strikes north 5 degrees west and dips westerly at 50 degrees. A zone of similar attitude is exposed in an open-cut on the south side of the ridge between the forks of the creek, in the south fork basin, at an elevation of 5,375 feet.

Associated minerals or products of value - Silver, zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at the 5,350 foot elevation on the north side of the ridge between the north and south forks of Simpson Creek, on the east side of Hudson Bay Mountain, 4½ miles west-northwest of Smithers.

The Dorothy group of 3 claims was owned in 1925 by Frank and Harry Wade. Open cutting and stripping was reported.

The Heather claim was owned in 1931 by H.C. Wade. Open cutting was reported. The Heather group, and the nearby Empire property, were acquired by Sunset Empire Mining Company Limited in 1951. No work was reported on the Heather showings at that time.

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HISTORY OF PRODUCTION

REFERENCES

Lay, D.; Heather; Report of Minister of Mines, British Columbia, 1931, p. 73.

Report of Minister of Mines, British Columbia: 1952, p. 94.

Kindle, E.D.; Mineral Resources, Hazelton and Smithers Areas, Cassiar and Coast Districts, British Columbia; Memoir 223 (Revised Edition), p. 102, Geol. Surv. of Canada, 1954.

Jones, R.H.B.; Geology and Ore Deposits of Hudson Bay Mountain, Coast District, B.C.; Summary Report 1925, Pt. A., p. 137, 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 of Hudson Bay Mountain, (Geol. and Mineral Deposits), Sc. 1":1 mile - 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						