

PRODUCT

ZINC

PROVINCE OR
TERRITORY

BRITISH COLUMBIA

N.T.S. AREA 93 L/14

REF. ZN 2

NAME OF PROPERTY

JOSIE

OBJECT LOCATED - Josie claim (Lot 7251).

UNCERTAINTY IN METRES 100. Lat. 54°50'10" Long. 127°21'

Mining Division Omineca District Range 5 Coast

County Township or Parish

Lot Concession or Range

Sec Tp. R.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at elevations of 5,000 to 6,000 feet south of Schufer Lake at the head of Toboggan Creek, on Hudson Bay Mountain, 8 miles northwest of Smithers.

The Josie and Limited claims (Lots 7251 and 7252, respectively) were owned by Peter Schufer from prior to 1928. The claims were Crown-granted in 1933.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

At elevation 5,300 feet two parallel sulphide veins in andesite are prospected by an open-cut and a 6-foot adit. The veins are 20 inches apart and range from 1 inch to 8 inches in width. They are composed of sphalerite, pyrrhotite, and pyrite. The veins strike north 70 degrees east and dip 57 degrees south-east. They are covered by talus 10 feet west of the open-cut and pinch out 20 feet east of the cut.

Another sulphide vein outcrops 50 feet higher up the slope in similar andesitic rock. This vein is 50 feet long and averages 6 inches in width, but at the open-cut midway along its outcrop narrow mineralized fissures extend over a maximum width of 3 feet. The vein strikes north 40 degrees east and dips 65 degrees southeast. It consists largely of dark, solid sphalerite with minor pyrrhotite and pyrite.

Associated minerals or products of value

120868

Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa

HISTORY OF PRODUCTION

REFERENCES

Kindle, E.D.; Mineral Resources, Hazelton and Smithers Areas, Cassiar and Coast Districts, British Columbia; Memoir 223 (Revised Edition), p. 112, Geol. Surv. of Canada, 1954.

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 the Silver Lake Section, Sc. 1":2,000 ft. (approx.), Report of Minister of Mines, British Columbia, 1928, p. 165.
 Sketch Map of Hudson Bay Mountain, (Geol. and Mineral Prospects), Sc. 1":1 mile, Fig. 1, 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						
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