

NAME OF PROPERTY CASCADE

OBJECT LOCATED - showing.

UNCERTAINTY IN METRES 500. Lat. 54°47'35" Long. 127°15'10"

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 an elevation of about 3,600 feet on Simpson Creek, on the east side of Hudson Bay Mountain, 3 miles northwest of Smithers.

Assessment work is recorded as having first been done on this property in 1912. Most of the work on the Cascade group of 6 claims was done between 1920 and 1930 by the owners, A.S. Miller and M.E. Leblanc, of Smithers. A cross-cut adit about 350 feet long was driven towards the shear zone 93 feet vertically below the surface showings. In 1923 it was reported that a crosscut was driven 180 feet to the vein, which was drifted on for 25 feet.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The main showing is a shear zone 18 to 20 feet wide in andesitic volcanic rocks of the Hazelton group. The zone contains numerous bands of vein quartz sparingly mineralized with pyrite, arsenopyrite, and sphalerite.

A vein that outcrops along Simpson Creek above the main showing contains galena, pyrite, and sphalerite. An 18-inch channel sample taken across this vein assayed: gold, 0.26 ounce a ton; silver, 1.5 ounces a ton; and lead, 25 per cent.

Associated minerals or products of value - Silver, lead.

120651

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1912, p. 115; 1923, p. 110; 1924, p. 96; 1925, p. 136.

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.

Kindle, E.D.; Mineral Resources, Hazelton and Smithers Areas, Cassiar and Coast Districts, British Columbia; Memoir 223 (Revised Edition), p. 91, 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 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						