

PRODUCT

GOLD

PROVINCE OR
TERRITORY

BRITISH COLUMBIA

N.T.S. AREA 93 L/14

REF. AU 3

NAME OF PROPERTY TORRENT (DOMINION, NEWCASTLE)

OBJECT LOCATED - showing.

UNCERTAINTY IN METRES 500. Lat. 54°47'10" Long. 127°21'

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

A dyke 6 to 8 feet wide strikes northeast and dips near vertical, cutting brecciated andesite. Mineralization, which occurs along the wall of, and partly in the body of the dyke, consists mainly of sphalerite, arsenopyrite, pyrite, and lesser amounts of galena and chalcopyrite in a gangue of silicified and altered dyke rock and some quartz. A sample from a 4 foot width of mineralization exposed in an open cut assayed: gold, 0.17 ounce per ton; silver, 2.7 ounces per ton; zinc, 3.8%.

Associated minerals or products of value - Silver, zinc.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at about the 4,700 foot elevation on the east bank of Sloan Creek, on the Southwest side of Hudson Bay Mountain, 7 miles west of Smithers.

The Dominion and Newcastle claims were owned by C. Hastings. Exploration work for the period from about 1908 to 1914 included open cuts and a 25 foot shaft.

The ground was apparently held from about 1927 as the Torrent and Margaret claims. Sil-Van Consolidated Mining and Milling Company, Ltd., incorporated in September 1950, acquired 51 claims in this vicinity. The company name was changed in May 1957 to Sil-Van Mines Limited. An electromagnetic survey was carried out over the Torrent and adjacent claims in 1963.

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

HISTORY OF PRODUCTION

REFERENCES

- Reports of Minister of Mines, British Columbia: 1908, p. 172;
 1909, p. 84; 1911, p. 118; 1914, p. 216.
- Leach, W.W.; The Bulkley Valley and Vicinity; Summary Report
 1908, p. 45, Geol. Surv. of Canada.
- Hurst, M.E.; Arsenic-Bearing Deposits in Canada; Economic
 Geology Series No. 4, p. 45, Geol. Surv. of Canada, 1927.

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.
- Certain claims on Hudson Bay Mountain, Sc. 1":1,500 ft.,
 Report of Minister of Mines, British Columbia, 1927,
 Op. sit p. 136.
- 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						