

NAME OF PROPERTY LAVA (TELKWA) (FORREST) (HANKIN)

OBJECT LOCATED - showing.

UNCERTAINTY IN METRES 500. Lat. 54°31'30" Long. 127°05'40"

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

As indicated on Map 69-1, the country rock is predominantly red, purple, grey, and green andesitic to rhyolitic tuffs, breccias, and flows, with minor intercalated sedimentary rocks, which are cut in the vicinity of the claims by a northerly striking fault. The volcanics, which lie nearly horizontal and are well exposed on both sides of the creek, are intruded by a series of roughly parallel quartz porphyry dykes, 1 foot or more in width, which strike about N25°E and dip from 50 to 70 degrees southeast. The mineralization is developed along the bedding planes of the volcanics, and generally shows decided enrichment near dyke contacts. The mineralization includes pyrite, chalcopyrite, and magnetite disseminated in a gangue of altered country rock, quartz, and epidote. A sample of dump rock from the adit on the Telkwa claim assayed: Gold, 0.03 ounce and silver 1.3 ounces per ton; copper, 2.8 per cent.

As described in Geology, Exploration and Mining, 1968 and 1969, the mineralization includes pyrite, chalcopyrite, minor bornite, and tetrahedrite in siliceous volcanic rocks of the Hazelton group.

Associated minerals or products of value - Silver, gold.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at about the 4,400 foot elevation on the east side of "Hankin Basin", on the east fork of Webster Creek, 12 miles south-southwest of Telkwa.

The Telkwa group has been reported on under various property names, and apparently included, in latter years, new claims that were restakings of earlier claims.

The Forrest group in 1899 comprised 9 claims, the Telkwa, Discovery, Daisy, Naiad, Oread, Julia Arthur, Indian Chief, Tenderfoot, and White Heather. Apparent subsequent restaking was done as the Monteagle, Montcalm, Montchief, Camosun, Lion, and Orient claims.

The property was owned from about 1899 by Messrs. Forrest, Hankin, and Loring. Assessment work to 1914 included numerous open cuts, and several short adits, the longest (78 ft.) being on the Discovery claim.

The Loring group (93 L/11, CU 3), held by the same owners, was located farther to the south, near the head of the basin.

Falconbridge Nickel Mines Limited in 1968 optioned the Old Tom 1 and 2 claims from T.S. George, and staked the Lava 1-135 claims. Exploration work during the period 1968-1970, inclusive, included geological mapping, magnetometer and self-potential surveys, soil and silt geochemical surveys, and diamond drilling in 6 holes totalling 846 feet. By 1970 the property had been reduced to 48 claims.

Maharaja Minerals, Limited, in 1972 held the Old Tom 1 and 2, Fred 1-22, Marla 1-4, and adjacent claim groups. Trenching was carried out during the year.

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HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1899, p. 657; 1900, p. 790; 1901, p. 991; 1902, p. 47; 1903, p. 52; 1905, p. 125; 1907, p. 78; 1908, p. 64; 1909, p. 85; 1911, p. 110; 1914, p. 224; 1968, p. 129.

Leach, W.W.; The Bulkley Valley, B.C.; Summary Report 1907, p. 20, Geol. Surv. of Canada.

Geology, Exploration and Mining; British Columbia Dept. of Mines: 1969, p. 86; 1970, p. 159; 1972, p. 417.

MAP REFERENCES

#Sketch Map of the Telkwa River and Vicinity, (Geol.), Sc. 1":2 miles - accomp. Report No. 988, Geol. Surv. of Canada, 1908.  
 Map 69-1, Smithers, Hazelton, and Terrace Areas, (Geological compilation), Sc. 1":4 miles, British Columbia Dept. of Mines.  
 Sketch Map of Hazelton District, Sc. 1":4 miles, Report of Minister of Mines, British Columbia, 1911, p. 100.  
 Preliminary Map 44-23, Smithers, (Geol.), Sc. 1":2 miles - Paper 44-23, Geol. Surv. of Canada.  
 Map 5310 G, Telkwa, (Aeromag.), Sc. 1":1 mile.  
 \*Map 93 L/11 E, Telkwa, (Topo.), Sc. 1:50,000.

REMARKS

Comp./Rev. By	DMacR						
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