

NAME OF PROPERTY CUP, DELTA (B.C. LEADER) (SOLAD)
(BUFF) (LUCKY DAY)

OBJECT LOCATED - 3,300 foot elevation contour, 3
miles north of Houston.

UNCERTAINTY IN METRES 1,000. Lat. 54°26'45" Long. 126°38'05"

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

Mount Harry Douglas is underlain by a sequence of fragmental volcanic rocks ranging in composition from rhyolite to basalt.

Copper-silver mineralization, occurring in a northwest-striking, easterly-dipping sequence of rhyolite crystal tuff, volcanic sandstone, and argillaceous sedimentary rocks at an elevation of 3,300 feet, was investigated by trenching and drilling by Moly mine Explorations Ltd. in 1967. A chip sample across 11 feet was reported to have assayed 0.015 ounce gold and 0.5 ounce silver per ton, 1.0% lead, and 3.35% zinc.

The showing exposed on the Alma group in 1927 occurs in altered volcanic breccia which strikes N50°W (mag.) and dips northeast. A width of up to 30 feet is reported to be very sparsely mineralized with specks of galena and copper stain. On the Solad claim at elevation 3,450 feet a copper stained zone 1½ feet wide in volcanics assayed: gold, trace; silver, 2 ounces per ton. At the 3,600 foot elevation a stringer of galena and sphalerite 3 inches wide assayed: gold, trace; silver, 3.2 ounces per ton, lead 38%, zinc 34%. A selected sample from the dump at the Buff group shaft assayed: Gold, 0.3 ounce per ton; silver, 13 ounces per ton; copper, 11.9 per cent.

Associated minerals or products of value - Lead, zinc, silver, gold.

HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located on Mount Harry Davis, about 3 miles north of Houston. The showings are located between elevations of about 3,000 and 3,600 feet elevations on both the northeasterly and southeasterly slopes.

The Buff group of 8 claims, staked in 1917 at about the 3,000 foot elevation on the southeasterly slope, was owned by Pete Slavin, Joe Allen, Fred Heading, and Andrew Martinsen. For a period in 1918 the property was under option to H.L. Roper. The workings at that time included open cuts and a 20 foot shaft. The Lucky Day claim, owned in 1930 by W.H. Simpson, of Hazelton, was staked adjacent to the Buff showing; no work was reported.

Mr. Paul Tickolees and associates held upwards to 26 claims on the northeasterly and southeasterly slopes during the latter half of the 1920's and early 1930's. The Satan and Bruneis claims, on which assessment work was reported by Tickolees in 1925, may have been at this location. In 1927 the property was described under the names Alma, M. Wood, and Solad groups. In 1929 and 1931 the property was described under the names B.C. Leader, Mikado, Mammoth, and Mison. Work during the period included open cutting and a 22 foot adit.

Recent prospecting on the mountain began early in 1965 when Edward Westgarde and William Merkley rediscovered scattered mineralization in Early Mesozoic volcanic rocks. The Cup, Delta, and ED claim groups were subsequently staked. Moly mine Explorations Ltd. optioned 34 claims late in 1966 and during 1967 carried out geological and geochemical surveys, 1,446 feet of rock trenching, and 5,700 feet of overburden trenching; the option was subsequently given up. Subsequent work was done on the ED group (93 L/7, CU 7).

120411*

HISTORY OF PRODUCTION

REFERENCES

Reports of Minister of Mines, British Columbia: 1918, p. 127;
 1925, p. 141; 1927, p. 139; 1929, p. 176; 1930, p. 143;
 1931, p. 74; 1967, p. 108.

Mineral Policy Sector; Corporation Files: "Moly mine
 Explorations Ltd."

MAP REFERENCES

Map 671 A, Houston, (Geol.), Sc. 1":4 miles, 1942.

Map 5308 G, Houston, (Aeromag.), Sc. 1":1 mile.

#Map 93 L/7 E, Houston, (Topo.), Sc. 1:50,000.

REMARKS

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