

## NAME OF PROPERTY

VIDETTE

OBJECT LOCATED -center of Searcher #1 claim (Lot 4744).

UNCERTAINTY IN METERS -100. Lat. 51°10'05" Long. 120°54'20"

Mining Division Clinton District Lillooet

County Township or Parish

Lot Concession or Range

Sec Tp. R.

## OWNER OR OPERATOR AND ADDRESS

## DESCRIPTION OF DEPOSIT

Four narrow but fairly continuous veins, known as the Tenford, Broken Ridge, Bluff, and Dexheimer occur in the augite andesite flows of the Nicola formation. The veins, ranging in width from less than an inch to 15 inches, strike northwesterly and dip from 45 to 70° northeasterly; the veins have been displaced by block faulting. Mineralization consists of quartz and pyrite, with some chalcopyrite and tellurides. Intensive vein shearing has shattered the pyrite grains. Chalcopyrite commonly occurs as fracture-filling in the pyrite and as irregular masses surrounded wholly or in part by quartz gangue.

Associated minerals or products of value - Silver, copper, lead.

## HISTORY OF EXPLORATION AND DEVELOPMENT

This property is located at the northwest end of Vidette Lake, some 30 miles north of Savona.

The gold-bearing quartz veins were known to prospectors as early as 1898 but active development was not undertaken until 1931 when D.B. Sterrett optioned the property, carried out the first important development work, and erected a small treatment plant. A private company, Vidette Mines Limited, was incorporated in October 1932 with Sterrett holding a 49 per cent interest. Development work continued and the mill capacity was increased to 25 tons-per-day. With the need for additional capital, a public company, Vidette Gold Mines, Limited, was incorporated in May 1933. Intermittent milling operations continued until the mine closed in 1940; mill capacity was increased to 40 tons per day in 1934. Eleven claims and fractions, the Searcher No. 1-6, Searcher No. 1 and No. 2 Fractions, EB Fraction, White Pass, and Monarch (Lots 4739-4745, 4754-4756, 4760) were Crown-granted to the company in 1935 and 1937.

Most of the development work was carried out on two claims, the Searcher No. 1 and Searcher No. 1 Fraction, on which lie the Tenford, Broken Ridge, and Bluff veins. These veins have been developed from 3 adits and 3 shafts, the main shaft extending to a vertical depth of 300 feet.

The Dexheimer vein, located to the southwest on the far side of the lake, was originally explored by 2 short adits. During 1939-40 a tunnel was driven under the lake from the main workings to the Dexheimer zone and a small amount of drifting and raising was done on the zone.

Glen Copper Mines Limited by agreements of June 1973 optioned the Searcher No. 1 and Searcher No. 1 Fraction claims from Mr. Tom McQuillan, and the remaining Crown-grants (Mineral Leases M 28-M 30) from Reed Mines Ltd. Reserves were estimated at 12,000 tons which would represent approximately 7,300 ounces of gold. (J.A. Mitchell July/73 rept. - in VSE SMF 27/09/73, Glen Copper Ms L.). By an agreement of Aug. 27, 1973 Glen Copper re-optioned a 4.0% interest in the property to Hobo Creek Coppermines Ltd. Hobo failed to raise the funds required for underground exploration and the option was dropped. Glen Copper abandoned its option on the property in 1974.

Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa.

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## HISTORY OF PRODUCTION

From 1933 to 1940, 54,199 tons of ore were milled at this property. From this ore 29,869 ounces of gold, 46,573 ounces of silver, 96,619 pounds of copper, and 356 pounds of lead were recovered.

## HISTORY OF EXPLORATION AND DEVELOPMENT (continued)

Geochemical surveys on adjacent ground were carried out in 1980-83 by Kerr, Dawson & Assoc, Hawkeye Resources L, and Green Valley Mine Inc.

Consolidated Paymaster Resources Ltd held the Vidette property in 1983 and carried out a geochemical soil survey (190 samples) and 1,017 m of dd in 3 holes.

Tugold Resources Inc in 1984 held the Vidette and adjacent properties and carried out geological mapping, geophysical and geochemical surveys. Probable reserves were estimated at 11,200 tons averaging 0.558 oz/t Au, 0.87 oz/t Ag (Tugold Resources Inc, Filing Statement 42/85).

## MAP REFERENCES

Map 2390, Vidette Lake Area, Sc. 1":2,000 ft. - accomp. Memoir 179.

Map 1278 A, Bonaparte Lake, (Geol.), Sc. 1:250,000 - accomp. Memoir 363.

#Map 92 P/2, Criss Creek, (Topo.), Sc. 1:50,000.

## REMARKS

Comp./Rev. By	DMacR	DMacR	DMacR				
Date	12-73	12-78	08-86				

## REFERENCES

+Cockfield, W.E.; Lode Gold Deposits of Fairview Camp, Camp McKinney, and Vidette Lake Area, British Columbia; Memoir 179, pp. 26-34, Geol. Surv. of Canada, 1935.

++Stevenson, J.S.; Vidette Lake Area; Report of Minister of Mines, British Columbia, 1936, pp. F-36-F-41.

Reports of Minister of Mines, British Columbia: 1932, p. 148; 1933, p. 181; 1934, p. F-20; 1937, p. F-35; 1938, p. F-67; 1939, p. 74; 1940, p. 60.

Dickson, Gordon F.; The Vidette Mine and Mill; The Miner, June 1934, pp. 237-238.

Wright, Harold M.; Milling at the Vidette Mine; The Miner, December 1937, pp. 24-27.

Mineral Policy Sector; Corporation Files: "Vidette Gold Mines, Limited"; "Glen Copper Mines Limited"; "Hobo Creek Coppermines Ltd."; "Tugold Resources Inc" Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy; 1931, Rept. 728, pp. 103-107 (No. 407); 1933, Rept. 744, pp. 145-148 (No. 542).

Campbell, R.B., and Tipper, H.W.; Geology of Bonaparte Lake Map-Area, British Columbia; Memoir 363, p. 87, Geol. Surv. of Canada, 1972.

Exploration in British Columbia; BCDM: 1983, p. 358; 1984, p. 255.

George Cross News Letters: 1983, No. 136; 1986, No. 20.