

## NAME OF PROPERTY

GOLD DROP

LOCATION - Center of Gold Drop claim.

Radius of uncertainty - 50 metres. Lat. 49°05'35" Long. 118°35'10"

Mining Division Greenwood District Similkameen

County Township or Parish

Lot Concession or Range

Sec. Tp. R.

## OWNER OR OPERATOR AND ADDRESS

The Granby Mining Company Limited.

## DESCRIPTION OF DEPOSIT

For the geological setting, see: Phoenix, 82 E/2, Ref. Cu 2.

The ore body of the Gold Drop proper is developed in the southeast part of the Gold Drop, and northeast part of the Monarch claim. The strike varies from N13°E to N32°E, with an easterly dip, which averages about 40 degrees, but flattens to about 25 degrees below the level of the Monarch drift. To the northwest of the drift, the foot-wall steepens to 70 degrees and over, owing to a narrow wedge of jasperoid, which breaks through to the surface, and locally divides the ore body into two forks. The hanging-wall is a commercial one, as well as parts of the foot-wall, and the pay ore is usually bounded by more or less well marked fissures. The average pitch of the ore body is 7 degrees to the north and northeast.

The known length of the ore body along the strike of the Monarch drift is over 750 feet, and its width to the boundary of the claim is about 315 feet. The thickness probably averages about 30 feet, the diamond drill logs showing a range from 7 to 55 feet.

Associated minerals or products of value - Gold, silver.

## HISTORY OF EXPLORATION AND DEVELOPMENT

The property is located at Phoenix, 4 miles east of Greenwood.

The Gold Drop mine is situated on the east slope of Knob Hill ridge about one mile from the Knob Hill-Ironside mine. It adjoins the Rawhide and Monarch to the south, and the Snowshoe to the east. The Gold Drop claim (Lot 899) was staked by J. Hetu in 1893 and acquired by The Montreal and British Columbia Prospecting and Promoting Company, Limited Liability, which was incorporated in 1894. The company later sold the property to F.C. Innes, of Vancouver, and in 1899 the Gold Drop Mining Company, Limited, was incorporated to continue the development work.

The Granby Consolidated Mining, Smelting and Power Company, Limited, purchased the Gold Drop group in 1905; the adjacent Monarch and Curlew claims were purchased in 1904 and 1907, respectively. Mining operations continued until July 1918 when the ore was exhausted and the mine closed. The property was acquired by R.L. Clothier and Arthur Proctor, of Vancouver, under the name "Gold Drop Syndicate" in about 1930. W.E. McArthur, of Greenwood, acquired the Gold Drop and adjacent properties in the late 1930's. In 1951 Attwood Copper Mines Limited optioned the properties and carried out a 3 year program of geophysical and geochemical surveys and diamond drilling.

Late in 1955 Granby repurchased part of the property formerly owned at Phoenix.

## HISTORY OF PRODUCTION

In 1900, 13 tons of ore were shipped for a recovery of 1 ounce of gold, 24 ounces of silver, and 919 pounds of copper. Subsequent production by Granby has not been listed separately. See Phoenix, 82 E/2, Ref. Cu 2).

## REFERENCES

LeRoy, O.E.; The Geology and Ore Deposits of Phoenix, Boundary District, B.C.; Memoir 21, pp. 83-94, Geol. Surv. of Canada, 1912.

Reports of Minister of Mines, British Columbia: 1894, p. 756; 1896, p. 578; 1897, p. 593; 1898, p. 1195; 1899, p. 771; 1900, p. 878; 1901, p. 1063; 1905, p. 176; 1906, p. 160; 1907, p. 114; 1909, p. 133; 1910, p. 122; 1911, p. 175; 1912, p. 175; 1913, p. 170; 1914, p. 339; 1916, p. 258; 1917, p. 202; 1918, p. 208; 1955, p. 46.

Mineral Resources Branch; Corporation Files: "The Granby Mining Company Limited"; "Attwood Copper Mines Limited".

## MAP REFERENCES

- Map 6-1957, Kettle River, (Geol.), Sc. 1":4 miles.  
Preliminary Map 45-20 A, Greenwood-Phoenix, (Geol.), Sc. 1":800 feet - Accomp. Paper 45-20.  
\*Map 82 E/2, Greenwood, (Topo.), Sc. 1:50,000.

## REMARKS

APR 1973