

## NAME OF PROPERTY

CAM (AUFEAS, JUMBO)

## LOCATION—Center of property.

Uncertainty in meters - 600. Lat. 49°20'40" Long. 121°29'04"

Mining Division New Westminster District Yale

County Township or Parish

Lot Concession or Range

Sec. Tp. R.

## OWNER OR OPERATOR AND ADDRESS

Camrock Mines Ltd.

## DESCRIPTION OF DEPOSIT

The country rock is granodiorite of the Coast Range Batholith. Locally on this property it is sheared and traversed by fissures running N85°E which dip 40° to 50° southeast. The fissure veins have an average width of eight inches and contain arsenopyrite and chalcopyrite carrying gold and silver values in quartz gangue. Assays range from 0.17 to 6.21 oz./ton gold; 0.17 to 2.36 oz./ton silver; 22.94% to 33.86% arsenic, and up to 3.5% copper.

## HISTORY OF EXPLORATION AND DEVELOPMENT

This property is located three and a half miles southwest of Hope between Eureka and Wardel Creeks, tributaries of Silver Hope Creek. The elevation ranges from 700 to 1,500 feet above sea level.

In 1911 it was known as the Jumbo Group of five claims. The workings at that time consisted of two adits and three hundred feet of open-cuts. Aufeas Gold Mines, Limited, purchased the property in 1911 and it was subsequently known as the Aufeas Mine. Little work was reported other than the construction of an aerial tramway in 1914; the mine closed later in the year.

The property remained idle until around 1935 when the owner, A. MacGillis, leased the Star 1-7 claims to Northwest Ventures Ltd. During the period between 1937 and 1940, a small amount of ore was mined and hand sorted for shipment to Tacoma.

No further activity was reported until 1967 when the property was acquired by Camrock Mines Ltd. The property then consisted of nineteen claims, the Po 1-8, Po Ext., Cam 1-5, Ca Ext. 1-3, Ram and Tootsie. Work during 1967 and in 1970 included retimbering of the old adits, 80 feet of trenching and 150 feet of stripping. Four holes were drilled for a total length of 1,450 feet. Sulmac Exploration Services Limited mapped the surface workings.

## HISTORY OF PRODUCTION

Between 1937 and 1940, 463 tons of ore were shipped to the acoma smelter. From this ore 365 ounces of gold, 392 ounces of silver, and 5,915 pounds of copper were recovered.

## REFERENCES

Reports of Minister of Mines, British Columbia; 1911, p. 184; 1912, p. 187; 1913, p. 219; 1914, p. 363; 1915, p. 255; 1918, p. 240; 1924, p. 139; 1937, p. A-40; 1938, p. A-38; 1939, pp. A-41, 86; 1940, p. A-28; 1967, p. 65; Index 3: p. 188.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1970, 250.

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Cairnes, C.E.; Coquihalla Area, B.C.; Summary Report 1920, Part A, pp. 35-36, Geol. Surv. of Canada.

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Hurst, M.E.; Arsenic Bearing Deposits in Canada; Economic Geology Series No. 4, p. 57, Geol. Surv. of Canada, 1927.

Monger, J.W.H.; Hope Map-Area, West-Half; Paper 69-47, pp. 64-65, Geol. Surv. of Canada, 1969.

## MAP REFERENCES

Map 1988, Coquihalla River Area, (Geol. & Topo.), Sc. 1": 1 mile; Accomp. Memoir 139.

Map 737 A, Hope-Yale, (Geol.), Sc. 1":4 miles; Geol. Surv. of Canada, 1944.

Map 12-1969, Hope, West-Half, (Geol. & Topo.), Sc. 1:250,000; Accomp. Paper 69-47.

Map 92 H/SW (MI), Preliminary Mineral Inventory Map, Sc. 1": 2 miles; B.C. Dept. of Mines and Petroleum Resources, 1955.

\*Map 92 H/6 W, Hope, (Topo.), Sc. 1:50,000.

## REMARKS

JULY 1973

BCI 92 H/SW-36.