

NAME OF PROPERTY BOB CREEK

OBJECT LOCATED—Bob Creek at 2,700 foot elevation.

UNCERTAINTY IN METRES 100. Lat. 54°18'25" Long. 126°38'

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

The prevailing rocks of the district are tuffs and breccias of the Hazelton series and have a general northwesterly strike. These rocks usually consist of a fine-grained, purplish matrix enclosing angular fragments of cream-coloured feldspathic material. The canyon of Bob creek exposes a belt of light grey, hydrothermally altered volcanics some 2,000 feet wide. The rock contains disseminated pyrite, and may contain low-grade impregnations of gold from which the placers were derived, since it is stated that no gold was found in the stream above this zone.

HISTORY OF EXPLORATION AND DEVELOPMENT

Bob Creek flows westerly to join Buck Creek, 6 miles south of Houston. The history of mining in this district dates from the days of the Cariboo gold rush, when some placer gold was extracted from the lower reaches of Bob creek. Since that time small-scale placer operations have been carried on sporadically.

Messrs. MacDonald and Carter held leases on Bob and Buck creeks during the period 1929-1933 and tested the ground by open cuts. A considerable yardage of rimrock gravels was washed by hand mining methods. Leases on Buck creek were held at that time by W.A. Johnston, of Prince George.

In the mid 1930's the two placer leases held by Messrs. MacDonald and Silverthorne were under option to G.W. Smith, who mined several ounces of coarse angular gold near the foot of the canyon. In 1937, 5 churn-drilled holes were put down, one reaching bedrock at a depth of 40 feet and averaging 50¢ a yard from surface; the remaining holes were stopped at 50 feet without striking bedrock.

## HISTORY OF PRODUCTION

## REFERENCES

- Reports of Minister of Mines, British Columbia: 1905, p. 114;  
1916, p. 127; 1929, p. 204; 1930, p. 159; 1933, p. 99.
- Lang, A.H.; Mineral Deposits at Buck Flats, B.C.; Summary  
Report 1929, Pt. A., pp. 92, 93, Geol. Surv. of Canada.
- Lang, A.H.; Houston Map-Area, B.C.; Paper 40-18, p. 18,  
Geol. Surv. of Canada.

## 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

Comp./Rev. By	DMacR						
Date	1-76						