

PRODUCT GOLD (PLACER)

PROVINCE OR TERRITORY British Columbia

N.T.S. AREA 93 0/4

REF. Au 1

NAME OF PROPERTY

RAINBOW CK.

HISTORY OF EXPLORATION AND DEVELOPMENT

LOCATION

Lat. 55°14' Long. 123°57'

Mining Division **Qmineca** District **Cariboo**

County Township or Parish

Lot Concession or Range

Sec. Tp. R.

Rainbow Creek flows northerly to join the Naticum River some 35 miles southeast of the Manson Creek settlement.

Gold was discovered on Rainbow Creek near the foot of the rock canyon about 1 1/2 miles above its mouth by George Snell, of Vanderhoof, in 1929. He and a partner, Ed. Moore, further prospected the creek in 1930 and mining operations were begun in 1931. As a result of their work, and the publicity attending some rather high assays in platinum resulting from an extreme concentration of black sand contained in the gravels, nearly 100 men went in during the spring and summer of 1931 and staked the whole length of the creek, about 25 miles. Some placer activity was carried on until about 1935.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The ground worked in the canyon is shallow, from 2 to 8 feet deep to bedrock, occurring either in the bed of the present stream or on narrow benches just a few feet above the creek. The gold found is flat, well-worn, and relatively fine. Platinum occurs as minute flat grains accompanying the black sand. No iridium was detected and it is probably alloyed with the platinum. It is evident that this occurrence represents a concentration of gold and platinum from large quantities of gravel carried down through the canyon. From the results of panning on the Snell and Moore leases and assaying of the concentrates, the ratio of platinum to gold averages 1 to 12; the assays gave 4.51 cents in platinum and 0.17 cents in iridium per pound of concentrate (platinum at \$40 per ounce).

Above the canyon a top run of gravel 2 to 10 ft. thick overlying glacial clay shows colours of gold which are very fine; testing indica-

Associated minerals or products of value - Platinum.

HISTORY OF PRODUCTION

Recorded production from Rainbow Creek for the period 1931-35 is 46 ounces of gold.

Shipping point

Distance from mine

Material shipped

Carrier

Destination

MAP REFERENCES

Map 11-1961, Pine Pass, (Geol.), Sc. 1"=4 miles.

Map 93 0, Pine Pass, (Topo.), Sc. 1:250,000.

DESCRIPTION OF DEPOSIT (continued)

ted values of 2 to 10 cents per cubic yard; a platinum return was obtained in only one place - 1.5 cents a cubic yard. The bedrock channel below the clay was not tested. Hydraulicking is impractical owing to lack of grade.

REFERENCES

Galloway, John D.; Rainbow Creek, Nation River Section; Bulletin No. 1, 1931, p. 82, British Columbia Dept. of Mines.

O'Neill, J.J., and Gunning, H.O.; Platinum and Allied Metal Deposits of Canada; Economic Geology Series No. 13, p. 82, Geol. Surv. of Canada, 1934.

Holland, Stuart S.; Placer Gold Production of British Columbia; Bulletin No. 28, p. 46, British Columbia Dept. of Mines, 1950.

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