

NAME OF PROPERTY HIXON, TERRY, GOVERNMENT CREEKS

OBJECT LOCATED

UNCERTAINTY IN METRES Lat. 53°26' Long. 122°30'

Mining Division Cariboo District Cariboo

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR

DESCRIPTION OF DEPOSIT

The rocks exposed in the creek are mainly schistose sediments, probably of the Lower Cambrian or Later Gariboo group. These rocks are in places intruded by tongues of batholithic rock; Hixon Creek, about 3 miles from its mouth, cascades over a falls in augite-syenite. In places the schistose sediments consist of alternating bands of greenstones and schists. In the greenstones are numerous quartz veins which are indicated as being the source of the placer gold. The greenstones have been weathered to a depth of at least 100 feet below creek level. A feature of the area is the extent to which the deep Tertiary weathering has been preserved, having escaped glacial erosion. Placer gold occurs in two ways: as post glacial concentrations in low lying benches flanking both sides of the creek; and as remnants of the pre-glacial channel which lie buried at various points. A section through a low-lying bench consisted of a barren overburden of silt and rotten timber 12 feet in depth, overlying a stratum of 6 feet of gravel and large boulders resting on a false bedrock of white clay in which coarse gold was found.

Associated minerals or products

HISTORY OF EXPLORATION AND DEVELOPMENT

Hixon Creek, and its tributary, Government Creek, flow westerly into the Fraser River some 34 miles south of Prince George. Terry Creek joins the Fraser River about 4 miles further south. Placer activity apparently began in the 1870's, and some production was recorded during the period 1876-1880. A number of individuals, groups, and companies worked the creek intermittently until 1900. Included among these were the Hixon Creek Hydraulic Company, Limited Liability, the Blue Lead Hydraulic Mining Co., and the Golden Province Mines Company. During this period the low lying benches were extensively worked but none of the pre-glacial channel remnants were mined.

Very little further activity was reported until 1915 when Messrs. Cameron and Ewing began working their lease on Government Creek; in later years the Government Creek Hydraulic Gold Mining Company attempted an operation on the creek. A lease on Hixon Creek just below the mouth of Government Creek was owned in 1922 by Mrs. D.A. Cameron and leased by the Government and Hixon Creeks Gold Mining Company, Limited. Individual leases were held on Hixon Creek extending upstream from the falls, by B. Briscoe, and by Messrs. Hann and Strbac from about 1926. Brotgold Mines Limited held an option on some of the ground in 1933. Hixon Creek (Cariboo) Gold, Limited was formed in 1934 to work this section of the creek. In 1938 a new company Hixon Quesnelle Placers, Limited was formed with B. Briscoe having controlling interest. Some hydraulicking was done in an attempt to expose the pay-gravels.

Hixon Placers Inc., a Washington company, optioned the property from B. Briscoe in 1947. Some work was done each year, until 1963, in removing overburden from remnants of the old channel of Hixon Creek. In 1964 Chilco Explorations Limited optioned 14 placer leases from Hixon Placers Inc. and during 1965 some hydraulicking was done. Chilco Developments Limited, formed in March 1966, continued preparations for a hydraulicking operation beginning in a remnant of the pre-glacial channel or the south side of the creek just above the falls.

HISTORY OF PRODUCTION

Recorded production for Hixon, Government and Terry Creeks since 1876 totals 7,870 ounces of gold.

REFERENCES

Lay, Douglas; Fraser River Tertiary Drainage - History in Relation to Placer-Gold Deposits; Bulletin No. 11, part 2, pp. 27, 59, British Columbia Dept. of Mines, 1941.

Lay, Douglas; Hixon Creek Area; Report of Minister of Mines, British Columbia, 1935, p. C19.

Galloway, John D.; Government Creek; Report of Minister of Mines, British Columbia, 1917, p. 132.

Annual Reports, Dept. of Mines, B.C.; 1922, p. 124; 1926, p. 166; 1927, pp. 163-165; 1929, p. 198; 1931, p. 82; 1932, p. 94; 1933, p. 127; 1939, p. 108; 1948, p. 175; 1949, p. 240; 1950, p. 198; 1951, p. 202; 1952, p. 236; 1953, p. 175; 1954, p. 169; 1955, p. 83; 1956, p. 139; 1957, p. 74; 1958, p. 78; 1959, p. 147; 1960, p. 121; 1961, p. 129; 1962, p. 137; 1964, p. 175; 1965, p. 251.

Holland, Stuart S.; Placer Gold Production of British Columbia; Bulletin No. 28, pp. 22, 26, British Columbia Dept. of Mines, 1950.

Mines Branch, Ottawa; Investigations in Ore Dressing and Metallurgy, 1937, Rept. 788, pp. 52-60 (No. 723).

MAP REFERENCES

Map 49-1960, Prince George, (Geol.), Sc. 1":4 miles.

#Map 93 G/7, Hixon, (Topo.), Sc. 1:50,000.

Map 1548 G, Hixon, (Aeromag.), Sc. 1":1 mile.

REMARKS

Comp./Rev. By							
Date	2-67	3-73	11-75				