

PRODUCT PRODUIT	GOLD (PLACER)	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA RÉGION DU S.N.R.C.	93 N/12	REF. AU 2 RÉF.
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NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

TOM CREEK

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat.	55°35'30"	Long.	125°39'
Lat.		Long.	
Mining Division Division minière	Omineca	District District	Cassiar
County Comté		Township or Parish Canton ou paroisse	
Lot Lot		Concession or Range Concession ou rang	
Sec Sect.	Tp. Ct.	R. R.	

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Tom Creek cuts across interbedded argillites, cherts, and schists of the Cache Creek group. The workings extend from 1 mile to 2½ miles above its mouth. The ground worked ranged from 10 to 20 feet in depth, and while boulders were fairly numerous there were not many large ones. The creek was practically worked out for at least a mile, and some work was done farther upstream. At the lower end of the workings the creek turns sharply to the west, continuing its course through a canyon. A glacial deposit at this point strongly suggests that the older course of the creek was under this glacial deposit and more in line with the upper portion of the creek. The supposed old channel, on the east side of the creek, would be approximately 800 feet in length. A shaft 250 feet downstream from the head of the buried channel segment reached bedrock at a depth of 73 feet; bedrock in the old channel appears to have a gradient of about 10 per cent. From 75 cubic yards of bedrock gravels mined from this working, it is stated 25 ounces of gold were recovered.

HISTORY OF EXPLORATION AND DEVELOPMENT
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

Tom Creek flows northwesterly into Kenny Creek, some 15 miles northeast of Takla Landing.

Gold was discovered on Tom Creek in 1889 and the creek was intensely worked for a few years, by individuals and partnerships, and good returns were obtained. The Mayflower Gold Mining Company, of Spokane, which was registered in British Columbia in 1898, operated on the creek until about 1909. They developed their ground by means of a bedrock flume 200 feet long and 12 to 16 feet deep. The company charter was surrendered in British Columbia in 1912.

During the 1920's W. McCormick investigated the buried portion of the old channel; he drove a tunnel over 100 feet in length at a point 100 feet below the top of the glacial deposit in an effort to intercept the channel on the downstream side. In the early 1930's Messrs. Warren and Gibbon purchased the McCormick leases and at a point 250 feet downstream from the head of the buried channel sank a 73 foot deep shaft to bedrock on the indicated course of the channel. From the shaft a drift was run downstream a distance of 40 feet.

Yukon Border Placer Golds Limited optioned the Warren leases in 1934 and drilled 15 holes. Tom Creek Placers, Limited, incorporated in April 1937, carried out a steam shovel operation on the creek until August 1940 when operations were suspended.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

The recorded production from Tom Creek for the period 1896 to 1945 is 2,402 ounces of placer gold.

REFERENCES/BIBLIOGRAPHIE

Armstrong, J.E.; Fort St. James Map-Area, Cassiar and Coast Districts, British Columbia; Memoir 252, p. 139, Geol. Surv. of Canada, 1949.

Reports of Minister of Mines, British Columbia: 1900, p. 750; 1901, p. 974; 1902, p. 129; 1903, p.71; 1904, p. 53; 1907, p. 76; 1908, p. 65; 1924, p. 109; 1927, p. 160; 1933, p. 106; 1935, p. C 38; 1940, p. 90.

Holland, Stuart S.; Placer Gold Production of British Columbia; Bulletin No. 28, pp. 43, 46, British Columbia Dept. of Mines, 1950.

Mineral Policy Sector; Corporation Files: "Yukon Border Placer Gold Limited".

McConnell, R.G.; Report of an Exploration of the Findlay and Omineca Rivers; Annual Report Vol. VII, Pt. C., p. 12, Geol. Surv. of Canada, 1894.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 971 A, Smithers-Fort St. James, (Geol.), Sc. 1":8 miles (1949).

Map 844 A, Takla, (Geol.), Sc. 1":4 miles (1946).

Map 93 N, Manson River, (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par								
Date Date	11-68							