

PRODUCT	GOLD (PLACER)	PROVINCE OR TERRITORY	British Columbia	N.T.S. AREA	93 N/6	REF. Au 1
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NAME OF PROPERTY	KWANIKA CREEK		
OBJECT LOCATED			
UNCERTAINTY IN METERS	Lat. 55°28'	Long. 125°19'	
Mining Division	Qmineca	District	Cassiar
County	Township or Parish		
Lot	Concession or Range		
Sec	Tp.	R.	

OWNER OR OPERATOR AND ADDRESS

**DESCRIPTION OF DEPOSIT**  
 Thinly bedded, Upper Triassic greywacke, argillite, and tuff of the Takla group are exposed for several miles along Kwanika Creek north of a sharp bend about 2 miles above its mouth, and tongues of the Hogen granodiorite-diorite batholith reach the creek and intrude both Takla and Cache Creek rocks. Kwanika creek flows in what appears to be a post-Glacial channel, which has cut through 25 feet or more of glacial debris into bedrock. Where its present channel is not constricted by rock walls, the creek is bordered by low-lying gravel flats, 5 to 10 feet above low water. Fairly coarse placer gold has been found in the creek bed and on the gravel flats. The best concentrations of gold are around large boulders.

Associated minerals or products of value - **Jade.**

**HISTORY OF EXPLORATION AND DEVELOPMENT**  
 Kwanika Creek flows southerly to join the Nation River about one half mile south of Tsayta Lake.  
 Placer gold has been found along a 2-mile stretch of the creek commencing at the sharp northerly bend 2 miles above its mouth and continuing upstream. No early placer activity has been reported. Yuba Consolidated Gold Dredging Company, of San Francisco, held 19 miles of leases on the creek in 1947-1948 and drilled two holes totalling 156 feet; the deeper hole had not reached bedrock when bottomed at 87 feet.  
 Mrs. Winnifred Tait began test work on the creek in 1949. The Martin Mine, Limited, drilled 12 holes totalling 240 feet in 1955.  
 Bruce Russell, of Fort St. James, found jade on Placer Mining Lease No. 1476 in 1963; seven boulders ranging from 400 pounds to 7 to 8 tons were found.

HISTORY OF PRODUCTION

"Two men are reported to have obtained \$3,500 worth of gold from Kwanika Creek in 1940 as a result of 3 months labour." (Armstrong, J.E., 1949).

REFERENCES

Armstrong, J.E.; Fort St.-James Map-Area, Cassiar and Coast Districts, British Columbia; Memoir 252, p. 143, Geol. Surv. of Canada, 1949.

Report of Minister of Mines, British Columbia: 1947, p. 191; 1948, p. 174; 1949, p. 240; 1951, p. 202; 1955, p. 83; 1963, p. 151.

MAP REFERENCES

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

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

REMARKS

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Comp./Rev. By	DMacR						
Date	8-74						