

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 3 RÉF.
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NAME OF PROPERTY NOM DE LA PROPRIÉTÉ		HARRISON CREEK		HISTORY OF EXPLORATION AND DEVELOPMENT HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR			
OBJECT LOCATED OBJET LOCALISÉ				<p>Harrison Creek flows southeasterly into Kenny Creek, some 16 miles northeast of Takla Landing. The main workings are about <math>\frac{3}{4}</math> mile above the mouth of the creek. The creek has been worked intermittently since 1870. No information is available on the operations prior to the 1930's, except that a man named Bodine constructed a dam across the creek and drove an adit into the west bank.</p> <p>Farther downstream, Messrs. W. and E.T. Gibbon in 1934 drove an adit for 144 feet, in a westerly direction, into the glacial debris overlying the lower end of the channel. Although this proved to be above bedrock, a winze sunk to a depth of <math>8\frac{1}{2}</math> feet at the face of this adit struck the gently sloping east rim of the channel at a depth of 6 feet. The bedrock rim was followed up-stream for a distance of 12 feet and downstream for 18 feet. The glacial material overlying the rim contained, it is stated, encouraging values in coarse gold. The leases were subsequently acquired by Ventures Exploration Company (East Africa), Limited, and a subsidiary company, Harrison Creek Ventures, Limited, was incorporated in July 1936 to operate the property. A flume two miles long was built to Humphrey Creek to provide additional water and a hydraulic operation was carried out in 1937. Some underground work was apparently done the following winter, and the gravels from this work were sluiced in the summer of 1938. The company charter was surrendered in 1942.</p>			
UNCERTAINTY FACTEUR D'INCERTITUDE		Lat. 55°37'30"	Long. 125°38'30"				
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							
<p>The bedrock along Harrison Creek consists of northwesterly striking, steeply dipping, interbedded argillites, slates, ribbon cherts, and greenstones of the Cache Creek group of Permian or probable Pennsylvanian age, which contain numerous quartz stringers and veins. The part of the valley containing the workings is contained in a canyon about <math>\frac{1}{2}</math> mile in length. The east wall of the canyon rises steeply above the creek. On the west side of, and 25 to 75 feet above, the creek are extensive flats. At the level of the flats the width of the valley is about 850 feet. Above and below the canyon just described the flats terminate. According to Lay (1936, p. C 39), "the mode of the placer occurrence exemplified is a buried pre-Glacial channel remnant about one mile in length, which is plainly indicated topographically as lying buried in the right bank of the creek." The gravels in the old channel are free from large boulders, and are overlain by boulder clay. Encouraging amounts of coarse gold are reported, and a nugget of arquerite weighing about <math>1\frac{1}{2}</math> ounces was also found.</p>							

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

The recorded production from Harrison Creek is 232 ounces of placer gold. (Armstrong, 1940, p. 140).

REFERENCES/BIBLIOGRAPHIE

Lay, Douglas; Harrison Creek; Report of Minister of Mines, British Columbia; 1935, p. C 28.

Armstrong, J.E.; Fort St. James Map-Area, Cassiar and Coast Districts, British Columbia; Memoir 252, p. 140, Geol. Surv. of Canada, 1949.

Reports of Minister of Mines, British Columbia: 1936, p. C 39; 1937, p. C 34; 1938, p. C 53.

Holland, Stuart S.; Placer Gold Production of British Columbia; Bulletin No. 28, p. 44, British Columbia Dept. of Mines, 1950.

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).

REMARKS/REMARQUES

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