

PRODUCT

GOLD (PLACER)

PROVINCE OR  
TERRITORY

British Columbia

N.T.S. AREA 104 N/11

REF. Au 11

NAME OF PROPERTY

CRACKER CREEK

OBJECT LOCATED

UNCERTAINTY IN METERS

Lat. 59°44.8' Long. 133°15.0'

Mining Division Atlin

District Cassiar

County

Township or Parish

Lot

Concession or Range

Sec

Tp.

R.

OWNER OR OPERATOR AND ADDRESS

## DESCRIPTION OF DEPOSIT

The creek has a steep gradient from Surprise lake at elevation 3,025 feet to the top of the canyon at elevation 3,500 feet, about 2 miles above Surprise lake. Beyond this point the creek-trough shows a flatter gradient, with a bend south, and has its source in several tributaries draining from small lakes on the divide between the Surprise Lake valley and Fourth of July creek. In the lower area high benches to about 3,500 feet elevation flank both banks. The attitude of the granite-rim at the top end of the canyon indicates the possibility of an old channel behind and south-easterly of this rim, skirting and possibly paralleling the canyon-rock on that side. At the top end of the canyon an old drainage-tunnel was excavated in an attempt to crosscut towards the presumed old channel.

Associated minerals or products of value

## HISTORY OF EXPLORATION AND DEVELOPMENT

Cracker Creek flows into the west side of Surprise Lake near its north end, about 20 miles northeast of Atlin.

The creek was prospected intermittently from the early 1900's. The major work appears to have been in the early 1930's when Messrs. Olsen and Broten extended an old tunnel located on the right bank in an attempt to tap an old channel south of the canyon. Over 400 feet of tunneling was carried out; at the break-through of a high rim gold was encountered; in the sluicing of this material about 3 ounces of coarse gold was recovered.

Mineral Resources Branch, Department of Energy, Mines and Resources, Ottawa:

504178 \*

## HISTORY OF PRODUCTION

Recorded production for the period 1916-1945 totals 26 ounces of placer gold.

## REFERENCES

- Reports of Minister of Mines, British Columbia: 1932, p. 72; 1933, p. 90.
- Holland, Stuart S.; Placer Gold Production of British Columbia; Bulletin No. 28, pp. 17, 18, British Columbia Dept. of Mines, 1950.

## MAP REFERENCES

- Map 1082 A, Atlin, (Geol.), Sc. 1":4 miles - accomp. Memoir 307, Geol. Surv. of Canada, 1959.
- Map 104 N, Atlin, (Topo.), Sc. 1:250,000.

## REMARKS

Comp./Rev. By	DMacR						
Date	6-74						