

PRODUCT GOLD
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE British Columbia

N.T.S. AREA 104 G/12
RÉGION DU S.N.R.C.

REF. AU 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

AUGUST

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 57°37'40" Long. 131°33'

Lat.

Long.

Mining Division Liard
Division minière

District Cassiar
District

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

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

This property is located at the 3,000 foot elevation on the west side of Mount Kirk, about 2 miles east of the Stikine River.

The showings were discovered and the August claim staked by Lewis Kirk in about 1898. He carried out assessment work on the claim each year until about 1930. Development work consists of a 145 foot long adit. The adit was driven for about 50 feet as a crosscut, then turned to the left to cut diagonally across the mineralized zone for 80 feet at a small angle, then turned left across the vein for 15 feet to the wall. The showings were carefully sampled by the Alaska Treadwell Gold Mining Company in 1917.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The rocks here are Triassic volcanic types, andesite to albite andesite in composition. They are badly shattered by numerous faults. In four such shatter zones, in which the rock fragments have been partly or wholly recemented by calcite, there are quartz veins bearing chalcopyrite and pyrite in scattered grains and irregular masses. The veins are generally small, ranging from 1/8 inch to 3 inches in width, but in places attaining 6 inches or more. The shattered zones in which they lie are from 1 to 15 feet wide, and the quartz veins were estimated to make up less than 10 per cent of their volume. The four shattered zones range in length from 25 to 200 feet. Three of them strike about N50°E, the fourth about east; and all dip steeply southeast to vertical. All end at shattered zones beyond which they could not be traced. In all probability these four sections were originally parts of one, or probably two, mineralized zones that have been broken by cross faulting. Sampling by the Alaska Treadwell Gold Mining Company across 6 feet averaged: gold, 0.41 ounce a ton; silver, 0.80 ounce a ton, and copper, 2.0%. It appears that the quartz veins themselves carry high gold values, but, forming as they do less than 10% of the shattered zones, the average for the zones is low.

Associated minerals or products
Minéraux ou produits associés

- Copper.

Mineral Policy Sector, Department of Energy, Mines and Resources, Ottawa
Secteur de la politique minière, ministère de l'Énergie, des Mines et des Ressources, Ottawa

504446 *

Kerr, F.A.; Lower Stikine and Western Iskut River Areas, British Columbia; Memoir 246, p. 75, Geol. Surv. of Canada, 1948.

Annual Reports, Dept. of Mines, B.C.: 1906, p. 58; 1919, pp. 81, 82; 1930, p. 119.

Kerr, F.A.; Second Preliminary Report on Stikine River Area, B.C.; Summary Report 1928, Pt. A, p. 25, Geol. Surv. of Canada.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 309 A, Stikine River Area, B.C., (Geol.), Sc. 1":2 miles - accomp. Memoir 246.

Map 104 G, Telegraph Creek, B.C., (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

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