

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

JACK WILSON CREEK, JW

OBJECT LOCATED - Symbol on Map 11-1971.  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Mining Division  
Division minière

County  
Comté

Lot

Sec  
Sect.

Lat. 57°12'

Township or Parish  
Canton ou paroisse

Concession or Range  
Concession ou rang

Tp.  
Ct.

Long. 131°35'30"

Cassiar

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

A section of the lower part of the north fork exposes fine-grained green massive rocks of monzonitic composition that are noticeably magnetic and carry widespread pyrite both disseminated and in fractures. At higher elevations the north fork has cut a gorge in rock that appears to be of similar monzonitic composition. The rocks in the gorge are strongly magnetic in places. The gorge exposures also show evidence of faults trending north-south along the general direction of the creek. Several dark-green fine-grained basaltic dykes cut the rocks of the gorge. In the gorge outcrops, disseminated chalcopryite with some pyrite occur in a brown-weathering, dense, fine-grained rock that appears to be a crystal tuff. The strongest mineralization is exposed in a trench at the confluence with the north fork of a tributary from the west. Here the rocks exhibit a weak schistosity and contain finely disseminated pyrite and chalcopryite. A sample taken over a width of 43 feet assayed: Gold, trace; silver, 0.2 ounce per ton; copper, 0.76%. Under the microscope, tourmaline was observed in a specimen taken from this zone.

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

The property consists of 14 recorded claims named J.W. 1 to 14 extending north-south along the north fork of Jack Wilson Creek, which is a westerly flowing tributary of the Stikine River.

Kennco Explorations (Western) Limited apparently staked the claims in about 1963. The property was subsequently surrounded by claims staked by Conwest Exploration Company Limited early in 1964. Magnetometer and geochemical work was carried out by Kennco in the summer of 1963. During 1965 a program of line cutting, magnetometer and induced polarization surveys, and geochemical soil-sampling was carried out.

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

504184 \*

## HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

## REFERENCES/BIBLIOGRAPHIE

Annual Reports, Dept. of Mines, B.C.: 1965, pp. 32-34.

## MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 310 A, Stikine River Area, B.C., (Geol.), Sc. 1":2 miles -  
accomp. Memoir 246.

Map 11-1971, Telegraph Creek, (Geol.), Sc. 1:250,000 - accomp.  
Paper 71-44, Geol. Surv. of Canada.

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

## REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date	11-66	08-74					