

PRODUCT COPPER
PRODUIT

PROVINCE OR TERRITORY
PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 104 P/5
RÉGION DU S.N.R.C.

REF. CU 3
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

HOPEFUL

OBJECT LOCATED - Hopefull 1-4 claims.
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 59°15'50"
Lat.

Long. 129°43'
Long.

Mining Division Liard
Division minière

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

The rocks of the locality are mainly altered augite porphyry and some irregularly distributed carbonatized andesitic flows.

The main showings consist of three main parallel quartz veins about 30 and 50 feet apart respectively, striking south 87 degrees east and dipping about 70 degrees south. The northerly vein has been traced by natural outcrops and some stripping for a distance of about 350 feet. An open-cut at elevation 3,425 feet at the easterly end exposes a 10-foot width of quartz sparsely mineralized with pyrite, siderite, ankerite, and some tetrahedrite. A sample from the best mineralized section of this cut assayed: Gold, trace; silver, trace. The central vein can be traced by intermittent outcrops showing iron oxidation and a little pyrite up to 5 feet wide for about 400 feet.

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

The property is located on the south side of Troutline Creek about 4 miles east of Cassiar.

A number of quartz veins were discovered in this vicinity in 1935. The Hopeful group of 8 claims was owned by P. McNamara and associates. Some trenching was reported. The property was held by J.G. Hope, of Quartzrock Creek, in the late 1950's.

Report of Minister of Mines, British Columbia;
1935, p. B-20.

Hanson, G., and McNaughton, D.A.; Eagle-McDame Area,
Cassiar District, British Columbia; Memoir 194,
p. 15, Geol. Surv. of Canada, 1936.

Gabrielse, H.; McDame Map-Area, Cassiar District, British
Columbia; Memoir 319, p. 119, Geol. Surv. of Canada,
1963.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1110 A, McDame, (Geol.), Sc. 1":4 miles - accomp.
Memoir 319.

*Map 104 P/5, Cassiar, (Topo.), Sc. 1:50,000.

Geological Sketch-Map of McDame Creek Area, Sc. 1":5 miles -
accomp. Report of Minister of Mines, B.C., 1935, p. B-14.

#Mineral Titles Reference Map, 104 P/5 E, B.C. Dept. of Mines.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	DMacR					
Date Date	03-74	11-81					