

PRODUCT GOLD  
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE British Columbia

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

REF. AU 2  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

MACK (MAC)

OBJECT LOCATED - Mack 1 claim.  
OBJET LOCALISÉ

UNCERTAINTY 300 m  
FACTEUR D'INCERTITUDE

Lat. 59°16'30"  
Lat.

Long. 129°42'20"  
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

Volcanic and sedimentary rocks of the Sylvester Group (Upper Devonian-Lower Mississippian) are cut by northerly shear zones and easterly fractures that contain gold bearing pyritic quartz veins. The GH zone locally contains up to four gold-bearing quartz veins within a zone some 250' in width. Drilling cut veins varying in total thickness from 4.5' to 31'. A sample from one vein gave 0.6 oz/t silver.

HISTORY OF EXPLORATION AND DEVELOPMENT

HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The property is located on Quartzrock Creek 5 miles east of Cassiar.

In 1934 a quartz stringer containing high-grade gold was discovered on Quartzrock Creek. A ton of ore from this stringer was shipped out by air and found to contain 4 ounces of gold. By the end of the 1935 season several hundred claims had been staked in the vicinity. The Mac group of 8 claims was owned by P. McNamara and associates, of Telegraph Creek; trenching was carried out. A small mill was transported to Quartzrock Creek by Messrs. Hope and Hankins in 1939. The claims were held in the late 1950's by J.G. Hope.

Plaza Mining Corporation in 1979 optioned the Mack 1-4 claims from J.R. Hope, of Edmonton. Work in 1979-81 included a geochemical soil survey, geological mapping, 4,863' of diamond drilling in 21 holes on the GH zone on Mack 1 claim, and 1,115' of decline and drifting. Drill indicated reserves were reported as 80,000 tons at 0.24 oz/t Au (Hicks Engineering Ltd, 31/04/81, as quoted in Plaza Mining Corporation Application for Listing 188/81). The subsequent underground development was only partially successful in confirming these reserves.

The company installed a 120 ton per day mill on the Lulu claim adjacent to Highway 37 some 2 miles southeast of the Mack property; the mill was put into operation in September 1981 on ore from the company's Table Mountain property (104 P/4, Au 8). The company was placed in receivership December 14, 1981. Assets of the company, including the Quartzrock Creek claims, were offered for sale by tender in 1982.

Sable Resources Ltd in 1984 purchased from the trustee the Plaza interest in the Mac 1-4, Highgrade, Hopeful 1-4 and Hillside claims (10 units). Work in 1984 included 3,589' of surface diamond drilling, 49' of drift and 304' of raising.

Associated minerals or products - Silver,  
Minéraux ou produits associés

504503

Reports of Minister of Mines, British Columbia: 1935, p. B-20; 1939, p. 64.

Hanson, G., and McNaughton, D.A.; Eagle-McDame Area, Cassiar District, British Columbia; Memoir 194, pp. 12, 15, Geol. Surv. of Canada, 1936.

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

Mineral Policy Sector; Corporation Files: "Plaza Mining Corporation".

Geological Fieldwork; British Columbia Dept. of Mines: 1980, pp. 55-62; 1981, pp. 156-61.

Exploration in British Columbia; BCDM: 1980, p. 519; 1984, p. 415.

George Cross News Letters: 15/03/84; 11/01/85.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

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

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

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

Geology of the McDame Map-Area, Sc. 1 cm:.8 k, Fig. 18, Geol. Fieldwork, 1980, p. 56.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	10-86						