

PRODUCT PRODUIT	BARITE	PROVINCE OR TERRITORY	PROVINCE OU TERRITOIRE	British Columbia	N.T.S. AREA 104 P/3 RÉGION DU S.N.R.C.	REF. BA 1 RÉF.
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NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

CARLICK (BILL)

OBJECT LOCATED - Centre of Bill group.
OBJET LOCALISÉ

UNCERTAINTY 300 m FACTEUR D'INCERTITUDE	Lat. 59°12'20"	Long. 129°13'00"
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 claims are underlain by limestone, buff dolomite, black cherty quartzite, and argillaceous limestone of the Lower Cambrian Atan group, which here strike east-southeast and dip steeply south. Small bodies of feldspar porphyry have intruded the sedimentary rocks along a zone striking N75°W. Adjacent to the intrusives, light and dark limestone beds are impregnated with galena, and some of the limestone has been replaced by barite and siderite. In the replacement zone, masses of barite and coarse-grained galena are common. Small amounts of pyrite, sphalerite, and copper carbonates accompany the lead sulphides. The mineralized zone is exposed by four trenches and some surface stripping over a length of about 600 feet.

At the lowest trench, galena is exposed in two sections, 9 feet and 5 feet wide, separated by 10 feet of mixed dyke rock and black limestone. A sample across the 9-foot section assayed: Gold, nil; silver, 0.7 oz per ton; lead, 6.8 per cent. A sample across the 5-foot section assayed: Gold, nil; silver, nil; lead, 10.6 per cent. In a trench 400' to the southeast a sample across 8 ft. of barite and limestone with galena assayed: gold, nil; silver, 0.2 oz/t; lead, 1.2%.

Associated minerals or products - Silver, lead.
Minéraux ou produits associés

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

The property is located on the east side of McDame Creek, 1½ miles north-northeast of its junction with the Dease River and 1 mile northwest of Atan Lake.

The Carllick group of four claims was staked by Beal Carllick, of Lower Post, in the summer of 1949. Moccasin Mines, Ltd., which held considerable nearby placer ground, optioned the property later in the year and staked additional claims on strike with the initial discovery. Exploration work by the company was limited to bulldozer stripping and trenching. The company charter was surrendered in 1950.

The showings were restaked as the Bill 1-6 claims, which were owned by Dresser Industries, Inc. in 1970; a geochemical soil survey (141 samples) was carried out during the year.

Report of Minister of Mines, British Columbia:
1949, p. 71+.

Gabrielse, H.; McDame Map-Area, Cassiar District, British
Columbia; Memoir 319, p. 113, Geol. Surv. of Canada,
1963.

Geology, Exploration, and Mining; British Columbia Dept.
of Mines: 1970, p. 37.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

#Atan Lake Property, Claim Map, Sc. 1": $\frac{1}{2}$ mile (approx.),
Fig. 2, Report by D.R. Cochrane 20/07/71 - in Tournigan
Mining Explorations Ltd., Prospectus, 21/10/71.

*Map 103 P/3, McDame, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	09-80						