

|   |               |
|---|---------------|
| NAME OF PROPERTY<br>NOM DE LA PROPRIÉTÉ | CONTACT GROUP |
|---|---------------|

|                                      |               |   |         |
|--------------------------------------|---------------|---|---------|
| OBJECT LOCATED<br>OBJET LOCALISÉ     |               |   |         |
| UNCERTAINTY<br>FACTEUR D'INCERTITUDE | Lat. 59°18.5' | Long. 129°51'                             |         |
| Mining Division<br>Division minière  | Liard         | District<br>District                      | Cassiar |
| County<br>Comté                      |               | Township or Parish<br>Canton ou paroisse  |         |
| Lot<br>Lot                           |               | Concession or Range<br>Concession ou rang |         |
| Sec<br>Sect.                         | Tp.<br>Ct.    | R.<br>R.                                  |         |

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

"Most of the ore minerals on the Contact group are restricted to a screen of hornfels, skarn, and marmorized limestone between the Cassiar batholith to the west and a porphyritic granite stock to the east. Aplite, pegmatite, and basalt dykes are present in the contact zone.

"The metamorphic rocks are a remnant of the easterly dipping limb of a syncline. In this area the beds strike northerly and dip steeply to the east. North of the property rocks are thrust easterly on fault planes that dip at low angles to the west. On the property a bedding-plane fault occurs at the base of the marmorized limestone member. Locally, the limestone is highly contorted". (Gabrielse, 1963, p. 120).

Three types of mineral deposits are present. In one type, pyrite, bismuthinite, molybdenite, scheelite and cosalite occur in quartz veins that are restricted to the porphyritic granite. Quartz veins along strike to the south contain molybdenite. A second type of deposit occurs along the southern exposure of the marmorized limestone. There an irregular body of pyrrhotite is associated with andradite-scapolite skarn. The pyrrhotite altered to marcasite contains

p.t.o. ....  
Associated minerals or products - Lead, zinc, bismuth, molybdenum, tungsten.  
Minéraux ou produits associés

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

The Contact group, 2 miles north-northwest of Cassiar, was staked in the summer of 1951 by G. Davis of McDame Lake and W. Puritch of Grand Forks, British Columbia. In 1953 Harvest Queen Mill and Elevator Company, Plainview, Texas, obtained an option on the property and in 1954 the company conducted a restricted diamond drill exploration program.

In 1955 the 11 claims making up the group were held by Telmac Mines Limited under a purchase agreement. A road was constructed from Cassiar to the lower showings, and a chute erected from the upper showings to the end of the road. About 30 tons of ore was mined from the upper showing. In addition, a magnetometer survey was carried out and a hole diamond drilled to a depth of 45 feet.

Contex Silver Mines Ltd., incorporated November 1968, acquired the Contact 3, HD 1 and 2, PAE 7, 16-23, and Tao 1-16 claims. Work during 1969 included trenching, and 1,017 feet of diamond drilling in 7 holes.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

From the 28 tons of ore shipped to the American Smelting and Refining Company at East Helena, Mont., 336 ounces of silver, 56 pounds of copper and 4,292 pounds of lead were recovered.

REFERENCES/BIBLIOGRAPHIE

Gabrielse, H.; McDame Map-Area, Cassiar District, British Columbia; Mem. 319, pp. 119, 120, Geol. Surv. of Canada, 1963.

Annual Reports, Dept. of Mines, B.C.: 1955, p. 10; 1956, p. A 47; 1979-320; 1980, P. 518

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1969, p. 40.

*See also Gabrielse, H. 1963, p. 119; 1981, P. 259*

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1110 A, McDame, (Geol.), Sc. 1":4 miles - accomp. report by Gabrielse, 1963.

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

*Geol. Fieldwork 1981, P. 259*

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (continued)

minor chalcopyrite. The third type consists of a complex association of metallic minerals in 2 veins of marmorized limestone. The main vein averages 3 to 4 feet in width and has been traced for 130 feet to where it passes under talus. The lower vein is about 1 foot wide. The main vein contains manganiferous magnetite, galena, sphalerite, pyrite and minor amounts of molybdenite, pyrrhotite, arsenopyrite, alabandite, chalcopyrite, tetrahedrite, dyscrasite, native antimony, bismuthinite, native silver ruby silver, marcasite and wad.

REMARKS/REMARQUES

|                                 |       |       |  |  |  |  |  |
|---------------------------------|-------|-------|--|--|--|--|--|
| Comp./Rev. By<br>Comp./rév. par |       |       |  |  |  |  |  |
| Date<br>Date                    | 03-64 | 03-74 |  |  |  |  |  |