

PRODUCT
PRODUIT

COPPER

PROVINCE OR
TERRITORY

PROVINCE OU
TERRITOIRE

British Columbia

N.T.S. AREA 94 D/9
RÉGION DU S.N.R.C.

REF. CU 8
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

LAY CREEK

OBJECT LOCATED - descriptive data.
OBJET LOCALISÉ

UNCERTAINTY 2 km
FACTEUR D'INCERTITUDE

Lat. 56°34'
Lat.

Long. 126°04'
Long.

Mining Division Omineca
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

Initial work indicated two main areas of surface mineralization, a Contact zone and a Breccia zone. In the Contact zone chalcopryrite is disseminated in granodiorite at a breccia contact. The Breccia zone trends in a northwesterly direction apparently for a continuous length of 320 metres; dips range from 35 to 50 degrees southwest. The breccia is unusual in that it has a bedded or sheeted nature wherein angular thin plates to massive slabs of andesitic, dioritic, and pyroxenitic rock sit in a matrix of rhodochrosite, quartz, and chlorite with erratic clots and veinlets of chalcopryrite, pyrite, and minor amounts of magnetite. Chalco-
pyrite is also disseminated in the dioritic fragments.

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

The property is located some 120 km northwest of Germansen Landing and 6 km east of the south end of Johanson Lake.

The showings were discovered by Silver Standard Mines Limited in 1981. A joint exploration agreement was arranged with Lornex Mining Corporation Ltd. Work in 1982 included geochemical and geophysical surveys and 1,406' of diamond drilling in 3 widely spaced holes; this work indicated generally low copper values over a large area.

1983 - further geochem; Lornex gave up title.

120172

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Geological Fieldwork, British Columbia Dept. of Mines:
1982, p. 124⁺.

Western Miner, February 1983, p. 14.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 962 A, McConnell Creek, (Geol.), Sc. 1":4 miles - accomp.
Memoir 251, Geol. Surv. of Canada, 1948.

Map 94 D, McConnell Creek, (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	06-83						