

PRODUCT  
PRODUIT

GOLD

PROVINCE OR  
TERRITORY

PROVINCE OU  
TERRITOIRE

British Columbia

N.T.S. AREA 94 D/16  
RÉGION DU S.N.R.C.

REF/AU 2  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

GERLE GOLD

OBJECT LOCATED - shear zone.  
OBJET LOCALISÉ

UNCERTAINTY 1 000 m  
FACTEUR D'INCERTITUDE

Lat. 56°52'30"  
Lat.

Long. 126°27'  
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

A chlorite-quartz-carbonate-sericite altered shear zone from 3 to 7 metres wide occurs in regionally metamorphosed basic to intermediate volcanics lying between Upper Jurassic and Lower Cretaceous granodiorite and quartz diorite plutons. Within the shear zone an echelon quartz lenses and cross-cutting quartz veins are mineralized with pyrite, minor chalcopyrite and galena, and free gold. In work prior to 1985 a drill hole in the vicinity of the main showing assayed 0.21 oz/t Au and 0.52 oz/t Ag over 8.69'.

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

The showings are located between elevations of 1 480 and 1 640 metres about 3 km east of the south end of McConnell Lakes, some 250 km north of Smithers.

The showings were discovered and staked (Gerle Gold 1-8) in August 1947 by J.H. Gerlitzki; staking on strike to the northwest (Leger Gold 1-8 claims) was done at the same time by J. Leontowich. The shear zone was prospected over a distance of 2,500' by 8 open cuts on the Gerle Gold 3, 5 and 8 claims.

In 1958 the property was under option to Canex Aerial Exploration Ltd. A 500' long section of the structure was tested by 10 x-ray drill holes; recovery was very poor; 6 holes averaged 0.27 oz/t Au over an average length of 6.2'.

Gerle Gold Ltd was incorporated in 1981 to acquire 1 1/2 units in the Gerle Gold, GG and Goof groups. Work in 1981-83 included geological mapping, geochemical surveys of soil (1,475 samples) and silt (64 samples), magnetometer surveys over 100 km and electromagnetic surveys over 85 km. This work located several sub-parallel zones.

Lornex Mining Corporation optioned the property in July 1984. Work by the company in 1984-85 included a geochemical rock survey (189 samples) and 2 471 m of diamond drilling in 48 holes, including 29 holes on the Main zone; the option was given up in 1986. Work to date indicates 50,000 tons of 0.22 oz/t Au in two shoots five and nine feet wide (Gerle Gold Ltd, Report to Shareholders, May 1987).

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

+White, W.H.; Sustut-Aiden-McConnell Lake Area; Report of Minister of Mines, British Columbia, 1947, p. 109.

Exploration in British Columbia; BCDM: 1981, p. 122; 1982, p. 329; 1983, p. 472; 1984, p. 346; 1985, p. 349.

Mineral Policy Sector; Corporation Files: "Gerle Gold Ltd."

George Cross News Letters: 1983, No. 62, 234; 1984, No. 165, 200; 1985, No. 69, 184.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

#Gerle Gold Group, (Geol.), Sc. 1":500', Report of Minister of Mines, 1947, p. 109 (see also Fig. 10, p. 101, location map).

\*Map 94 D/16, Fredrikson Creek, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	05-87						