

PRODUCT ZINC  
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE British Columbia

N.T.S. AREA 104 B/10  
RÉGION DU S.N.R.C.

REF. ZN 1  
RÉF.

NAME OF PROPERTY INEL  
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED - Inel Zone.  
OBJET LOCALISÉ

UNCERTAINTY 600 m FACTEUR D'INCERTITUDE	Lat. 56°36'40"	Long. 130°57'
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 property is underlain mainly by volcanic and sedimentary rocks of Upper Triassic and Lower Jurassic age. These have been intruded by a pluton of quartz monzonite, by diorite and quartz porphyry dykes, by a small mass of orthoclase porphyry, and by numerous dykes of rhyolite explosion breccia. A shattered zone near the centre of the claim area has been injected by numerous quartz veins carrying abundant pyrite and sphalerite and minor chalcopryrite. North of this zone lapilli tuff contains a stratiform zone of banded pyrite and sphalerite which is 2 to 18 feet wide. Pyrite predominates, with sphalerite, chalcopryrite, and galena prominent. Pyrrhotite, magnetite, arsenopyrite, molybdenite, chalcocite, and bornite are present. Native gold was observed with sphalerite in fractures.

Associated minerals or products - Copper, gold, lead, silver.  
Minéraux ou produits associés

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

The property is located at elevations of 4,000 to 6,000 feet on the east side of Bronson Glacier, approximately 5.5 miles southeast of the Bronson Creek-Iskut River junction and 85 miles south of Telegraph Creek.

The showings were reportedly discovered by Cominco Ltd in 1965 and staked as the Inel group in 1969.

A 90 per cent interest in the Inel 7-60 claims was acquired by Skyline Explorations Ltd. through a January 1970 agreement with Robert Gifford. Trenching and sampling was carried out in 1971. During 1972 Texas Gulf, Inc, as operator, restaked the property and carried out geological mapping and resampling.

In June 1973 Skyline optioned the property (Inel 7-72) to Ecstall Mining Limited, a wholly owned subsidiary of Texasgulf Inc (Texas Gulf, Inc, in 1972). Work by Ecstall during 1973 and 1974 included a geochemical silt survey (19 samples), a magnetometer survey over 8 line-miles, a vertical-loop electromagnetic survey over 5 line-miles, and trenching on Inel 43, and 45.

Skyline restaked the ground in 1980 as the Inel 1-4 claims (80 units). Work in 1980-83 included geological mapping, electromagnetic surveys, trenching and sampling. The weighted average of 25 random surface samples over an area 1,000' by 1,400' was 0.27% Cu, 4.34% Zn, 0.1 oz/t Au, 1.02 oz/t Ag (George Cross News Letter, Oct. 8/82).

120882

Mineral Policy Sector; Corporation Files: "Skyline Explorations Ltd."

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1972, p. 518<sup>++</sup>; 1973, p. 501<sup>+</sup>; 1974, p. 335.

Grove, E.W.; Report on the Inel Property - in Skyline Explorations Ltd Statement of Material Facts, March 1, 1983.

Serensma, P.H.; Johnny Mountain, a Timmins type felsic volcano ? ; Western Miner June 1982, p. 28.

George Cross News Letter: 8/10/82.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 9-1957, Stikine River Area, (Geol.), Sc. 1":4 miles.

#Skyline Explorations Ltd claim map, Sc. 1.45 cm:1,000 m, Fig.2, report by Grove.

#Inel claims, distribution of mineralization, Western Miner, February 1983, p. 20.

\*Map 104 B/10, Snippaker Creek, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	DMacR					
Date Date	05-76	06-83					