

PRODUCT  
PRODUIT ZINC

PROVINCE OR  
TERRITORY PROVINCE OU  
TERRITOIRE

British Columbia

N.T.S. AREA  
RÉGION DU S.N.R.C. 103 P/13

REF.  
RÉF. ZN 1

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ SWAN

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY  
FACTEUR D'INCERTITUDE

Lat. Long.  
Lat. 55°58' Long. 129°57'

Mining Division  
Division minière Skeena

District  
District Cassiar

County  
Comté

Township or Parish  
Canton ou paroisse

Lot  
Lot

Concession or Range  
Concession ou rang

Sec  
Sect.

Tp.  
Cr.

R.  
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Skarn mineralization localized in Hazelton metasediments near the contact with Hyder biotite quartz monzonite. Skarn minerals include garnet, epidote, diopside with sphalerite and pyrrhotite. The skarn is a massive dense buff-coloured rock. It is heavily sheared in a N60°E direction along a major fault zone that appears to be up to 100 feet wide in the creek bottom. The exposed mineralization consists of bands up to several inches wide of sphalerite and pyrrhotite, containing minor chalcopyrite, across a zone width of at least 30 feet. A chip sample across the zone assayed 0.02% copper, 0.24% lead, 0.74% zinc, and 1.36 ounces silver per ton.

Silver

Associated minerals or products  
Minéraux ou produits associés

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

This property is located on the east side of the Bear River, opposite Granite Creek, about 2 miles by road north of Stewart. The area was once included in the Ajax property (103 P/13, Ag 9) but the early work on this showing was never recorded.

The Swan 1-4 claims, owned by H. Swan, were under option to Granduc Mines, Limited, in 1969. Trenching was reported during the year. The claims subsequently lapsed. The showings were restaked as the Re-Swan 1-6 claims. Additional staking was done (Bonus 1-7 and Nick 1-7) to form a claim block  $\frac{1}{2}$  mile wide by  $2\frac{1}{2}$  miles long. By an agreement of May 1972 Brown-Overton Mines Ltd. optioned the above claims from Nick Benkovich, of Stewart.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Geology, Exploration, and Mining; British Columbia Dept.  
of Mines: 1969, p. 58.

Mineral Policy Sector; Corporation Files: "Brown-Overton  
Mines Ltd."

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 215 A, Stewart, (Geol.), Sc. 1":1 mile - accomp.  
Memoir 159, Geol. Surv. of Canada.

\*Map 193 A, Stewart, (Topo.), Sc. 1:50,000.

Geological Map of the Stewart Area, Sc. 1": $\frac{1}{2}$  mile, Fig. 3,  
Bulletin 58, British Columbia Dept. of Mines, 1971.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	02/73						