

PRODUCT SILVER
PRODUIT

PROVINCE OR TERRITORY
PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 93 E/11
RÉGION DU S.N.R.C.

REF. AG 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ CAPTAIN (SWANNELL)

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 53° 39' Long. 127° 15' 30"

Mining Division Omineca District Range 4 Coast
Division minière Omineca District

County Township or Parish
Comté Canton ou paroisse

Lot Concession or Range
Lot Concession ou rang

Sec. Tp. R.
Sect. Ct. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The formation consists of Lower Cretaceous tuffs, andesites, and basalts, cut by a small stock of fine-grained porphyritic diorite that has been fractured and faulted in a north-south direction. Most of the fractures are narrow but a few reach a width of over 3 feet. They dip steeply to the east and are commonly marked by gouge. Some of the fractures are mineralized with galena, sphalerite, pyrite, arsenopyrite, and tetrahedrite in a gangue of quartz, minor calcite, and wall-rock. The main showing is a shear-zone that strikes about north and dips steeply to the east. A 299 foot long drift on the zone encountered vein material only in the last 110 feet to the face. For the last 110 feet the shear-zone is occupied by short lengths of mineralized vein from 2 to 4 inches wide.

Associated minerals or products Lead, zinc
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 northeastern slopes of Swing Peak some 3½ miles southeast of the east end of Tahtsa Lake.

The Swannell group of 3 claims was staked on the showings by George Seel, who packed out a small shipment of ore in 1926. The Tahtsa Mining Company, Limited, was formed in November 1927 to develop the property. During 1929 an adit was driven at the 4,985 foot elevation to intersect and explore the shear-zone 100 feet below its most prominent surface showing. The adit was driven as a cross-cut for 84 feet to reach the shear-zone, which was drifted on for 299 feet. Little work other than surface prospecting has been done since.

The Captain group of 6 claims was located on the showings by Messrs. McNeill and Young in about 1944.

In 1979 acquired from McNeill by Tahtsa Mines Ltd.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

In 1926, 600 pounds of ore were shipped from this property. From this ore 34 ounces of silver, 262 pounds of lead, and 25 pounds of zinc were recovered.

REFERENCES/BIBLIOGRAPHIE

Duffell, S.; Whitesail Lake Map-Area British Columbia; Memoir 299, p. 88, Geol. Surv. of Canada, 1959.
 Annual Reports, Dept. of Mines, B.C.; 1927, p. 154; 1928, p. 180; 1929, pp. 184, 430; 1945, p. 67.
 Mineral Policy Sector; Corporation File: "Tahtsa Mining Company, Limited".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1064 A, Whitesail Lake, B.C., (Geol.), Sc. 1":4 miles -
 Accom. Mem. 299.

Map 93 E, Whitesail Lake, B.C., (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	07/66						

BCI 93E-35