

PRODUCT ZINC
PRODUIT

PROVINCE OR PROVINCE OU British Columbia
TERRITORY TERRITOIRE

N.T.S. AREA 93 E/6
RÉGION DU S.N.R.C.

REF. ZN 1
RÉF.

NAME OF PROPERTY MENTOR (SUNSET) (CARIBOO)
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Mining Division Omineca
Division minière

County
Comté

Lot
Lot

Sec
Sect.

Lat. 53°26'30"
Lat.

District
District

Township or Parish
Canton ou paroisse

Concession or Range
Concession ou rang

Tp.
Ct.

Long. 127°05'
Long.

Range 4 Coast

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The formation consists of tuffs, argillites, and limestones, with interbeds of andesitic rocks, all of the Hazelton group. Granitic rocks outcrop on Chikamin Mountain some 3 miles to the southeast. The tuffs appear to be closely folded, strike N40°W, dip steeply, are much weathered, sheared, and fractured. The fractures as a rule parallel the strike of the beds; they are seamed with quartz and calcite, which form veinlets a fraction of an inch to 15 inches in width. The veinlets carry zinc blende, galena, pyrite, chalcopyrite, and arsenopyrite in lenses a few inches to 6 feet in length and up to 6 inches wide. A lens 4 inches in width in the drift assayed: gold, 2.4 oz per ton; zinc, 54%.

Associated minerals or products - Gold, silver, lead,
Minéraux ou produits associés

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

This property lies on the south shore of Whitesail Lake in Zinc Bay at the foot of Chikamin Mountain.

The showings were discovered in 1914 by Messrs. Michelson and Harrison and the 9 claim Cariboo group was staked at that time. During the two years following the property was under option to a Prince Rupert syndicate. A tunnel was driven for 50 feet in the footwall of one of the fractures, and then driven as a crosscut for 100 feet; the crosscut cuts two other small parallel fractures. Other fractures were traced on the surface by trenching.

No further work was reported until 1927 when the owners, C.V., W.H., and J.E. Harrison, discovered a 6 foot wide shear zone some 300 yards west of the old adit. A 15 foot long adit was driven on the new discovery. A sample across 6 feet at the face assayed: gold, trace; silver, 2 oz per ton; lead, nil; zinc, 17.2 per cent.

All the workings on these claims were flooded when the level of Whitesail Lake was raised.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Marshall, J.R.; Whitesail-Tahtsa Lakes Area, British Columbia; Summary Report 1924, Pt. A, p. 52, Geol. Surv. of Canada.

Annual Reports, Dept. of Mines, B.C.: 1916, pp. 165-166; 1926, p. 146; 1927, p. 155; 1945, pp. 64, 68.

Duffell, S.; Whitesail Lake Map-Area, British Columbia; Memoir 299, p. 90, Geol. Surv. of Canada, 1959.

Brock, R.W.; Eutsuk Lake District; Summary Report 1920, Pt. A, p. 92, Geol. Surv. of Canada.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

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

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

REMARKS/REMARQUES

Comp./Rev. By
Comp./rév. par

Date
Date

07-68

BCI 93E-31