

PRODUCT
PRODUIT

CUTTER

PROVINCE OR
TERRITORY PROVINCE OU
TERRITOIRE

British Columbia

N.T.S. AREA 94 C/4
RÉGION DU S.N.R.C.

REF. CU 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

MATETLO (KAM)

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 56°12'15" Long. 125°37'30"
Lat. Long.

Mining Division Omineca District Cassiar
Division minière 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

A shear zone striking N50°W and dipping 85°NE cuts medium-grained granodiorite of the Hogem batholith. Closely spaced fractures form a permeable, mineralized zone at least 120 feet wide. The fractured rock is sparsely but uniformly mineralized with pyrite, chalcopyrite, and bornite. The zone also contains 5 veins, 2 to 10 inches wide, that consist typically of coarse-grained crystalline pyrite at the center, flanked by mixed chalcopyrite and pyrite, which in turn merge into a quartz-epidote border zone. The granodiorite between the veins is much fractured; the fractures are filled with thin seams of malachite and azurite, and small grains of sulphide, thought to be in part chalcopyrite, are disseminated through the freshly broken rock. A grab sample of this material assayed: gold, trace; silver, 0.03 ounce a ton; and copper, 2.02%. A grab sample of nearly solid pyrite-chalcopyrite ore assayed: gold, 0.01 ounce a ton; silver, 1.31 ounces a ton; and copper 18.93%.

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

The Matetlo copper showing is exposed in the precipitous wall of the cirque at the head of the east branch of Matetlo Creek, some 45 miles southwest of Fort Grahame.

The Kam 1-36 claims were staked on the showings in October 1970 by Peter Dunsford. There was evidence of previous staking and limited packsack diamond drilling. Fortune Island Mines Ltd. acquired the property in April 1971 from principals of the company. During the year 6 additional claims (Kam 37-42) were staked and 6 silt samples collected.

Associated minerals or products - Silver.
Minéraux ou produits associés

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Roots, E.F.; Geology & Mineral Deposits of Aiken Lake
Map-Area, British Columbia, Memoir 274, p. 223,
Geol. Surv. of Canada, 1954.

Mineral Policy Sector; Corporation Files: "Fortune
Island Mines Ltd."

Geology, Exploration, and Mining; British Columbia Dept.
of Mines: 1971, p. 60.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1030 A, Aiken Lake, B.C., (Geol.), Sc. 1":4 miles - accomp.
Memoir 274.

Preliminary Map 48-5 A, Aiken Lake, (Geol.), Sc. 1":2 miles -
accomp. GSC Paper 48-5.

Map 94 C, Fort Grahame, B.C., (Topo.), Sc. 1:250,000.

REMARKS/REMARQUES

Comp./Rev. By
Comp./rév. par

Date
Date

01-67	10-71	09-74					