

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

BURDEN

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Mining Division Division minière	Omineca	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.	

Lat. 56°41'
Long. 125°07'

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The formation consists of highly calcareous talc-sericite schist of the Ingenika group of Lower Cambrian or Earlier age. The formation strikes easterly and dips about 20 degrees to the north. A width of about 15 feet shows bands of quartz and schist. The greatest width of vein quartz is about 4 feet. The quartz is cut by veins and patches of cream-coloured, coarsely crystalline calcite, and contains a few blebs and stringers of pyrite and chalcopyrite. A selected sample assayed: gold, trace; silver, 0.6 ounce a ton; copper 0.7%.

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

This showing is located on the east bank of the Swannell River about 5 miles above its confluence with the Ingenika River, some 18 miles northwest of Fort Grahame.

The Burden group, consisting of the Burden and Ruth B. claims, was staked in 1927 by E.H. Burden of Prince George. Prospecting of the showings was apparently confined to surface work.

About 100 feet downstream from the main quartz showing lay a boulder, 2 by 2 by 4 feet, of solid, massive to fine-grained pyrite and chalcopyrite, with blebs of white to bluish quartz and minor connellite and bornite. Undoubtedly much of the work done on this property was undertaken with a view to finding the ledge from which the boulder was derived. It seems probable, however, that the boulder had travelled far, for it is well rounded, and the quartz in it is quite unlike the milky, opaque variety seen in place on the claims. (Roots, E.F., 1954).

Handwritten note: A. Burden 1927 - 500 GCM 9 1/2'

Roots, E.F.; Geology and Mineral Deposits of Aiken Lake Map-Area, British Columbia; Memoir 274, p. 209, Geol. Surv. of Canada, 1954.

Annual Reports, Dept. of Mines, B.C.: 1928, p. 185.

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, B.C., (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						