

PRODUCT COPPER
PRODUIT

PROVINCE OR PROVINCE OU British Columbia
TERRITORY TERRITOIRE

N.T.S.U AREA 103 I/9
RÉGION DU S.N.R.C.

REF. CU 24
RÉF.

NAME OF PROPERTY UNITED ST CROIX (ST CROIX)
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED - Quartz vein.
OBJET LOCALISÉ

UNCERTAINTY 300 m
FACTEUR D'INCERTITUDE

Lat. 54°41'05"
Lat.

Long. 128°12'20"
Long.

Mining Division Omineca
Division minière

District
District

Range 5 Coast

County
Comté

Township or Parish
Canton ou paroisse

Lot
Lot

Concession or Range
Concession ou rang

Sec
Sect.

Tp.
Ct.

R.
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Jurassic Hazelton Group volcanic flows comprise the bedrock of the mountain. Some are fine grained, others coarse grained, amygdaloidal, and porphyritic. The volcanics are cut by numerous granite and quartz-albite dykes.

At an elevation of 4,950 feet a trench is cut across a 12-foot zone of volcanic breccia that is impregnated with narrow quartz veinlets and replaced by chalcopyrite. The flows and breccia zone strike N45°W and dip 40°NE. A representative sample from the trench assayed: Gold, trace; silver, 0.20 oz/t; copper, 5.96%. Some 50' to the northeast a second breccia zone with exposed widths of 8" to 2' contains chalcopyrite.

A quartz vein outcropping on the summit of the ridge has been traced over 750' in a southerly direction. At 525' the vein appears to be offset 40' by a 15' wide vertical dyke of quartz albite. In an open cut 170' south of the dyke a sample across the 14" width of the vein assayed: Gold, trace; silver, 0.30 oz/t; copper, 3.12%. At the same place a chip sample across 12' of the altered and mineralized hanging-wall assayed: Gold, trace; silver, 0.16 oz/t;

copper, 0.78%.
Associated minerals or products - Silver.
Minéraux ou produits associés

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

The showings are located at 5,000' elevation at the head of the north fork of Ste Croix Creek, some 20 miles northeast of Terrace.

The St Croix group, comprising the St Croix, Speedwell, Jessie and Ruth claims was held in 1914 by J.O. Ross and J. Brown. Blasting was reported on one of the showings.

The property is described in Memoir 212 under the name United St Croix Group.

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HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Report of Minister of Mines, British Columbia: 1914,
p. 136.

Kindle, E.D.; Mineral Resources, Usk to Cedarvale,
Terrace Area, British Columbia; Memoir 212, p. 24,
Geol. Surv. of Canada, 1937.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1136 A, Terrace, (Geol.), Sc. 1":4 miles - accomp. Memoir
329, Geol. Surv. of Canada, 1964.

#Plan of part of United St Croix group, Sc. 1":120', Fig. 3,
Memoir 212, p. 25.

*Map 103 I/9, Usk, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	11-84						