

PRODUCT COPPER
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE

British Columbia

N.T.S. AREA 92 H/15
RÉGION DU S.N.R.C.

REF. CU 3
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

COPPER STANDARD GROUP

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Mining Division Nicola
Division minière

County
Comté

Lot
Lot

Sec
Sect.

Lat. 49°56'
Lat.

District
District

Township or Parish
Canton ou paroisse

Concession or Range
Concession ou rang

Tp.
Ct.

Long. 120°34.7'
Long.

Kamloops

R.
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The Aspen Grove copper camp is about 8 miles long extending from just north of Missezula Lake to about latitude 50°00', and is from 2 to 2.5 miles wide. Chalcopyrite, bornite, chalcocite and some pyrite occur in shear zones in volcanic rocks of the Nicola group. These mineralized shears, although in places high in grade, are restricted in size. Copper minerals also occur as grains disseminated in the interstices between fragments of flow breccia. This type of mineralization, although common, has not been found to be sufficiently high in grade to be economically interesting. Mineralization on the Copper Standard group is of the fissure-filling type.

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

The Copper Standard group consists of 6 Crown-granted claims, located about 4 miles north of Aspen Grove. In 1902 and 1903 an opencut was excavated along a narrow fissure and a shaft, with a 40 foot drift on the bottom level, was sunk from the end of the cut to a depth of 50 feet. From the workings 25 to 30 tons of sorted ore was mined and stockpiled. A grab sample of this material returned 1% copper and 0.4 oz/ton silver.

In 1956 Noranda Explorations held a property consisting of 102 claims and 19 fractions, in the Aspen Grove area. The Copper Standard Group was included in these claims, however, Noranda's interest was centered in finding economic deposits of the disseminated type of mineralization, and little if any attention was paid to this showing.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Rice, H.M.A.; Geology and Mineral Deposits of the Princeton Map-Area, British Columbia; Mem. 243, p. 93, Geol. Surv. of Canada, 1947.

Olien, K.O.; Geology and Mineral Deposits of the Aspen Grove Area, B.C.; B.Sc. Thesis, University of Western Ontario, 1957.

Annual Reports, Dept. of Mines, B.C.; 1902, p. 193; 1903, p. 181; 1913, p. 223; 1901, p. 1183; 1904, p. 239; 1905, p. 202; 1906, p. 178; 1915, p. 226; 1928, p. 223.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 888 A, Princeton, (Geol.), Sc. 1":4 miles - accomp. Mem. 243.

REMARKS/REMARQUES

Comp./Rev. By
Comp./rév. par

Date
Date

11-63

RAT 07 11/16-79