

PRODUCT  
PRODUIT

COPPER

PROVINCE OR  
TERRITORY

PROVINCE OU  
TERRITOIRE

British Columbia

N.T.S. AREA 92 F/14  
RÉGION DU S.N.R.C.

REF. CU 2  
RÉF.

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ

MUREX CREEK (MOUNT WASHINGTON)

OBJECT LOCATED - Murex Cu on Carson's Map.  
OBJET LOCALISÉ

UNCERTAINTY 500 m  
FACTEUR D'INCERTITUDE

Lat. 49°45'35"  
Lat.

Long. 125°15'40"  
Long.

Mining Division Nanaimo  
Division minière

District  
District

Comox

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

Karmutsen Formation volcanics of Triassic age underlie the lower slopes of Mount Washington and Upper Cretaceous Nanaimo Group sediments on the upper slopes. The core of the mountain is a Tertiary quartz diorite intrusive. Large zones of low-grade porphyry copper have been located. The lower showing narrow lenses and low-grade disseminated chalcopyrite and pyrrhotite occur in altered volcanic rocks. At higher elevations chalcopyrite and pyrite occur as disseminations and in quartz veinlets in dacite porphyry breccias and volcanic rocks. The breccia zones have a specularite-rich matrix with variable amounts of pyrrhotite, pyrite and chalcopyrite scattered throughout, and locally some molybdenum. The quartz veining forms a stockwork with abundant pyrrhotite and more sporadic chalcopyrite and pyrrhotite. A drill hole (86-1) in the breccia zone cut 52' assaying 0.174 oz/t. Au.

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

The showings are located at about 2,500' elevation on Murex Creek, on the east side of Mount Washington, 18 miles south of Campbell River. The area is within the Esquimalt and Nanaimo Railway land grant, which includes ownership of the base metal occurrences; control of the Railway Company was eventually acquired by Canadian Pacific Limited.

Mt. Washington Copper Co. Ltd. was incorporated in 1956 to acquire a mineral lease from the Railway and 96 recorded claims including the Murex creek showings and several others (see 92 F/14, CU 1, CU 3, AU 1).

On Murex creek, limited trenching was done in 1956. Noranda Exploration Company Limited optioned the property in 1957. Qualicum Mines Limited was formed in 1960 by Mt. Washington Copper and Noranda. An extensive low and high electromagnetic survey located a strong conductor on which trenching was done late in the year. This anomaly was tested by two diamond drill holes totalling 745' in 1961. Diamond drilling was done in 7 holes on the upper showing in 1963.

The Consolidated Mining and Smelting Company of Canada Limited in 1963 acquired an option to explore that portion of the property below the 4,000' elevation. A magnetometer survey and 2,003' of diamond drilling in 3 holes was carried out on the lower showings in 1964. The option was given up at year end.

Mt. Washington Copper carried out electromagnetic and geochemical soil surveys in 1966-67 and an EM 16 survey in 1970. The property contains numerous irregular zones of 0.1-0.3% Cu over lengths greater than 100 metres; or a large tonnage of 0.2% Cu (CIM Special Volume 15, Table 1).

The company name (Mt. Washington) was changed in June 1983 to Velocity Development Corp.

Better Resources Ltd optioned a 75% interest in the property (MWC 151, 153 and adjacent claims) in 1983. The remaining 25% interest was acquired from Velocity in 1984 in exchange for shares. Work included geochemical soil surveys in 1983-84 and diamond drilling in 1986 in 10 holes from two locations on MWC 151 claim.

Noranda Exploration Company, Limited in September 1987 optioned a 51% interest in 39 claims.

Reports of Minister of Mines, British Columbia: 1960, p. 112; 1961, p. 102; 1963, p. 103<sup>+</sup>; 1964, p. 156.

Carson, David; Tertiary Mineral Deposits of Vancouver Island; CIM Bulletin, May 1969, p. 511.

Sinclair, A.J.; Report on Canadian Pacific Oil and Gas Mineral Lease No. 2, for Mt. Washington Copper Co. Ltd., 26/05/71 - in Mt. Washington Copper Statement of Material Facts 21/06/71.

Porphyry Deposits of the Canadian Cordillera, CIM Special Volume 15, 1976 - see Table I, Characteristics of some Porphyry Prospects (#13, Mt. Washington).

Exploration in British Columbia; BCDM: 1983, p. 210; 1986, pp. B29, C181, C184.

George Cross News Letters: 1986, No. 178; 194, 198, 214; 1987, No. 187, 191.

Northcote, K.E.; Mount Washington property update, 20/07/84 - in Better Resources Ltd Statement of Material Facts, 01/08/84.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 17-1968, Alberni, (Geol.), Sc. 1:250,000 - accomp. Paper 68-50, Geol. Surv. of Canada.

#Geology of the Mount Washington Area, Sc. 1":1.7 miles, Fig. 2, Report by Carson.

\*Map 92 F/14, Oyster River, (Topo.), Sc. 1:50,000.

Claim Map, Sc. 1 cm:500 m, Fig. 1, Report by Northcote, 1984.

Mount Washington gold prospect, Sc. 1.5 cm: 1 km, Fig B19, Exploration in British Columbia, 1986, p. B31, BCDM.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	DMacR	DMacR				
Date Date	05-84	11-86	06-88				