

PRODUCT
PRODUIT COPPER

PROVINCE OR
TERRITORY PROVINCE OU
TERRITOIRE

British Columbia

N.T.S. AREA
RÉGION DU S.N.R.C. 93 A/7

REF. CU 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

EUREKA PEAK (EN)

OBJECT LOCATED - from Geology, Exploration and Mining, 1974.
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 52°19' Long. 120°38'
Lat. Long.

Mining Division Cariboo
Division minière

District Cariboo
District

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

On Eureka Peak, a thick sequence of siltstones and phylites has been intruded successively by irregular bodies of amphibolite, augite porphyry, and granodiorite within the Quesnel Trough Mesozoic volcanic sequence. Chalcopyrite, pyrrhotite, and pyrite occur in pods, veins, and as disseminations in granodiorite and augite porphyry.

An inner core 4,000' to 6,000' by 800' with grades from 0.13% to 0.44% Cu is surrounded by an outer shell of about 0.10% Cu in diorite and augite porphyry (MPH Consulting Limited, Jan/84, in Nirvana Oil and Gas Ltd, Statement of Material Facts 25/05/84).

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

The property is located at elevations of 5,000 to 7,950' on Eureka Peak, some 60 miles northeast of Williams Lake and 30 miles east of Horsefly.

The showings were discovered and staked by E. Scholtes in 1958. Helicon Explorations Limited held an option on the property in 1965-66. Work included reconnaissance aeromagnetic, geochemical and geological surveys, electro-magnetic and induced potential surveys and some x-ray diamond drilling. A 72' adit was driven and a 630' horizontal hole drilled at the end. In 1968 Howard Traris is reported to have carried out an electromagnetic survey and some diamond drilling.

Amax Exploration, Inc in 1969 acquired an option on the EN and CS groups (92 claims) owned by E. Scholtes and J. Carson. Work in 1969-70 included soil, silt, rock and water geochemical surveys, geological mapping, trenching and diamond drilling.

Rio Tinto Canadian Exploration Limited held an option on the property in 1972 and carried out geological mapping and sampling. Work to that date suggests a potential for over 150 million tons of low grade porphyry copper mineralization (Nirvana Oil and Gas Ltd. Statement of Material Facts 25/05/84).

Noranda Exploration Company, Limited in 1974 carried out an induced potential survey and 1204' of diamond drilling in 2 holes.

Umex Inc optioned the property in 1981 and carried out airborne electromagnetic and magnetometer surveys and soil and rock geochemical surveys.

Report of Minister of Mines, British Columbia: 1966, p. 133.

Geology, Exploration and Mining; British Columbia
 Dept. of Mines: 1969, p. 177; 1970, p. 211;
 1972, p. 331; 1974, p. 240.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 1 - 1963, Quesnel Lake, (~~east half~~), (Geol.) Sc. 1":4 miles.

Map 5238 G, MacKay River, (Aeromag.), Sc. 1":1 mile (1968).

Map 93 A/7, MacKay River, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date							