

PRODUCT NICKEL
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE

British Columbia

N.T.S. AREA 92 H/3
RÉGION DU S.N.R.C.

REF. NI 1
RÉF.

NAME OF PROPERTY MAMMOTH (FOUNDATION MINES)
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 49°13'20" Long. 121°05'20"
Lat. Long.

Mining Division New Westminster District
Division minière District

County Township or Parish
Comté Canton ou paroisse

Lot Concession or Range
Lot Concession ou rang

Sec Tp. R.
Sect. Ct. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

Foundation Mines Ltd.,
202, 736 Granville St.,
Vancouver, B.C.

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The formation consists of altered volcanic and sedimentary rocks of the Hozameen group of probable Carboniferous or Permian age. The contact with quartz-diorite intrusives of Post Lower-Cretaceous age lies about half a mile to the east. Mineralization occurs in a belt about 50 feet wide which appears to have originally been a limestone altered to a lime silicate rock. A vein about 3 feet wide, following the west wall of the lime belt, is mineralized with pyrrhotite and scheelite. Samples and drill cores of the vein material have indicated a low nickel, silver, and copper content. According to samples taken by the company, the nickel content of the mineralized zone is usually within the range 0.02 to 0.70%.

The eastern wall of the lime silicate belt is composed largely of quartz and calcite containing a considerable amount of disseminated pyrrhotite and sphalerite.

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

The property, consisting of the Mammoth, Big Ben, Star, Diamond, Ruby, and Heart groups, is located at the old "23-mile camp" on the Sumallo River about 2 miles above its junction with the Skagit River, southeast of Hope.

Mineralization was discovered here in 1911 and most of the ground was staked at that time. The Mammoth group was owned by W.H. Robinson of Hope for many years. Early development work consisted of open cutting and a short adit. Hope Holdings Ltd. optioned the Mammoth group in 1929 but no development work was reported. In 1938 the Big Bend and Big Bend No. 2 claims were staked by Messrs. Robinson and Lunde.

Foundation Mines Ltd. optioned the property from W.H. Robinson in 1955. Several short holes were drilled on the Mammoth in 1955 and geological mapping was done in 1961.

In 1962, 3 holes were drilled totalling 350 feet. A small amount of work has been done each year since. The 1965 program calls for further drilling on the Mammoth claim to determine values of the 400-foot mineralized zone previously outlined.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

Annual Reports, Dept. of Mines, B.C.: 1923, p. 164;
 1927, p. 210; 1929, p. 241; 1938, p. F 4, F 21;
 1955, p. 74; 1963, p. 89.

Mineral Policy Sector; Corporation Files: "Foundation
 Mines Ltd."

Cairnes, C.E.; Geological Explorations in Yale &
 Similkameen Mining Divisions, Southwestern B.C.;
 Summary Report 1922, Pt. A, p. 121, Geol. Surv. of
 Canada.

Cairnes, C.E.; Coquihalla Area, B.C.; Summary Report 1920,
 Pt. A, p. 40, Geol. Surv. of Canada.

Stevenson, J.S.; Tungsten Deposits of B.C.; Bulletin No.
 10 (Revised), p. 116, Dept. of Mines, B.C., 1943.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 737 A, Hope, B.C., (Geol.), Sc. 1":4 miles.
 Map 92 H/3 E, Skagit, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	09-65						

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