

PRODUCT LEAD
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE

British Columbia

N.T.S. AREA 93 M/4
RÉGION DU S.N.R.C.

REF. PB 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

GREAT OHIO

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Lat. 55°09'10" Long. 127°38'20"

Mining Division Omineca
Division minière

District Cassiar
District

County Comté
Township or Parish
Canton ou paroisse

Lot
Concession or Range
Concession ou rang

Sec. Tp. R.
Sect. Ct. R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The property is chiefly underlain by porphyritic granodiorite of the northern dome of the Rocher Deboule stock, but hornfelsic Red Rose formation outcrops on the south of the claims and the contact has an east-west trace down the ridge to Juniper Creek. The main vein shear is in the granodiorite, near the contact, and strikes N50°E and dips 70° northwest. The vein is exposed on very steep bluffs over 800 feet vertically, and is as wide as 4 feet. It contains scattered mineralization of galena and sphalerite, or of pyrrhotite, arsenopyrite, and chalcopyrite. The underground workings explore the main shear, a subsidiary parallel shear, and an intervening parallel stringer. Much of each vein is composed of sheared granodiorite and the mineralization in each is sparse.

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

This property is located at the 4,500 foot elevation on the east side of the head of Juniper Creek, 6½ miles south-southwest of New Hazelton. The Rocher Deboule property lies to the north-west and adjoining.

The Great Ohio group of 7 claims (Lots 702-708) was located in 1910 by Munroe and Sargent, of Hazelton, and exploration work was begun in open cuts. In 1913 the property was bonded to Jennings, Trimble, and associates and underground work was begun in an adit at elevation 4,300 feet. The adit follows a subsidiary parallel shear for 355 feet northeast then crosscuts 260 feet to the southeast to follow the main shear for 400 feet northeast. Between the two shears another parallel stringer is followed by a drift for 130 feet. The claims were Crown-granted to R.P. Trimble in 1916. Exploration and development work continued until 1917.

National Explorations, Limited, restaked the property in 1951; no work was reported by the company. The Great Ohio claim was acquired by Western Tungsten Copper Mines Limited in 1952 but no work was reported.

Associated minerals or products - Zinc, copper.
Minéraux ou produits associés

- Brown, A. Sutherland; Geology of the Rocher Deboule Range; Bulletin No. 43, p. 53, B.C. Dept. of Mines & Petroleum Resources, 1960.
- Kindle, E.D.; Mineral Resources, Hazelton and Smithers Area, Cassiar and Coast Districts, British Columbia; Memoir 223, Revised Edition, p. 45, Geol. Surv. of Canada, 1954.
- O'Neill, J.J.; Preliminary Report on the Economic Geology of Hazelton District, British Columbia; Memoir 110, p. 18, Geol. Surv. of Canada, 1919.
- Reports of Minister of Mines, British Columbia: 1911, pp. 80, 96; 1913, p. 107; 1914, p. 188; 1916, p. 113.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

- Geological Map of the Rocher Deboule Range, Sc. 1":1 mile, Fig. 2, Bulletin No. 43, B.C. Dept. of Mines & Petroleum Resources.
- Map 971, Smithers-Fort St. James, B.C., (Geol.), Sc. 1":8 miles.
- Map 93 M/4 E, Skeena Crossing, B.C., (Topo.), Sc. 1:50,000.
- Map 1732, Principal Veins on Mining Properties, Head of Juniper Creek, Sc. 1":900 feet - accomp. Memoir 110.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	07-68						