

PRODUCT
PRODUIT MAGNESIUM

PROVINCE OR
TERRITORY PROVINCE OU
TERRITOIRE

British Columbia

N.T.S. AREA
RÉGION DU S.N.R.C. 82 E/2

REF. MG 1
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ DOLO

OBJECT LOCATED Hill near SE corner
OBJET LOCALISÉ of Lot 446 S.

UNCERTAINTY 300 Lat. 49°01'18" Long. 118°57'55"
FACTEUR D'INCERTITUDE Lat. Long.

Mining Division Greenwood District Similkameen
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

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

This company is developing a quarry in a lens of dolomite that is associated with altered volcanic and sedimentary rocks of the Permian (?) Anarchist Group. The dolomite forms the top of a projecting knoll. The sparse overburden originally present has been removed from an area 400 feet long in a north direction and 200 feet wide. Bare rock is exposed in patches beyond these limits.

At the quarry a band of rusty altered rock 15 to 30 feet wide, probably originally greywacke, is exposed along the west side. The band strikes north and dips 40 degrees east. It may represent the attitude of the rock group as a whole. No other exposures were examined that revealed the attitude of the rocks.

The dolomite is relatively white with occasional creamy patches. Most is fine grained. It consists of the mineral dolomite with scattered grains, tiny patches, and thin veinlets of quartz and traces of talc. Irregular, variably spaced fractures are present throughout the rock.

p.t.o.

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

The property is located at the 3,500 foot elevation near the southeast corner of Lot 446 S, 3 miles southeast of Rock Creek settlement.

New Dolomite White Mining Limited, incorporated in October 1969, acquired the Dolo 1 and 2 claims. Quarry development was carried out during 1970 and 1971. About 10,000 tons of dolomite were hauled to the company's crushing, screening and bagging plant about 1 mile south of Westbridge in 1972. Reserves were estimated at 17 million tons proven, and 10 million tons probable (Financial Post Survey of Mines, 1972, p. 214).

Dolowhite Mines Ltd. was incorporated in April 1974 to acquire the Dolo 1 to 4 claims. Crushed and ground rock is produced in the plant at Rock Creek.

HISTORY OF PRODUCTION/HISTORIQUE DE LA PRODUCTION

REFERENCES/BIBLIOGRAPHIE

About 10,000 tons of dolomite were shipped from the property in 1972.

Geology, Exploration, and Mining; British Columbia Dept. of Mines: 1970, p. 411; 1971, p. 456; 1972, p. 586, 1978, p. E 285.

Mineral Policy Sector; Corporation Files: "New Dolomite White Mining Limited".

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT (Continued)

Map 6-1957, Kettle River (East Half), (Geol.), Sc. 1": 4 miles, Geol. Surv. of Canada.

Two samples were taken for chemical analysis. A random grab sample of pieces from the crushed stockpile of 1½ to ¾-inch rock contained: CaO = 30.76, MgO = 18.26, Insol. = 6.36, R₂O₃ = 0.26, Fe₂O₃ = 0.12, MnO = 0.01, P₂O₅ = 0.003, SO₃ = 0.01, Ig. loss = 44.13, H₂O (105° C) = 0.01. A similar sample from the minus ½-inch pile contained: CaO = 30.70, MgO = 18.05, Insol. = 6.74, R₂O₃ = 0.37, Fe₂O₃ = 0.15, MnO = 0.01, P₂O₅ = 0.002, SO₃ = 0.02, Ig. loss = 43.95, H₂O (105° C) = 0.01. The fractures and quartz veinlets would probably prevent this stone from being used for polished marble sheets or slabs.

#Map 82 E/2, Greenwood, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

BCI 82 E/SE - 200

Comp./Rev. By Comp./rév. par	DMacR	DMacR					
Date Date	09/75	10/80					