



MINFILE

NEW REVISION MODIFIED

IDENTIFICATION

MINFILE NO. 82E/ST 200 NAT'L MINERAL INV. NO. 82E2 M61
CANINDEX NO. _____

NAME(S) 1. ROCK CREEK DOLOMITE
2. DOLO
3. MAIGHTY WHITE DOLOMITE
4. _____

STATUS: SHOWing PROSpect Developed Prospect U PRODUCER U PAST PRODUCER

LOCATION: NTS MAP: 82E/02W
BC MAP: _____
MINING DIVISION: GRWD GREENWOOD
UTM ZONE: 11 NORTHING: 5431350 EASTING: 356275
LATITUDE: _____ LONGITUDE: _____
ELEVATION: 1003 (metres)
LOCATION CERTAINTY: within 500 m within 1 km within 5 km
Comment on Identity: LOCATION CENTERED ON QUARRY, 4.5 KILOMETERS SOUTHEAST OF ROCK CREEK, AS SHOWN ON N.T.S. MAP 82E/02

MINERAL OCCURRENCE

COMMODITIES: DOLO

MINERALOGY:
SIGNIFICANT Minerals: DOLOM
Comment: _____
ASSOCIATED Minerals: QUARTZ TALC
Comment: _____
ALTERATION Minerals: _____
Comment: _____
ALTERATION Type: _____

DEPOSIT CHARACTER		DEPOSIT CLASSIFICATION	
<input type="checkbox"/> 01 Vein	<input type="checkbox"/> 08 Stratabound	<input type="checkbox"/> 01 Replacement	<input type="checkbox"/> 11 Skarn
<input type="checkbox"/> 02 Stockwork	<input type="checkbox"/> 09 Stratiform	<input type="checkbox"/> 02 Magmatic	<input type="checkbox"/> 12 Pegmatite
<input type="checkbox"/> 03 Breccia	<input type="checkbox"/> 10 Concordant	<input type="checkbox"/> 03 Volcanogenic	<input type="checkbox"/> 13 Placer
<input type="checkbox"/> 04 Pipe	<input type="checkbox"/> 11 Discordant	<input type="checkbox"/> 04 Sedimentary	<input type="checkbox"/> 14 Precipitate
<input type="checkbox"/> 05 Unconsolidated	<input type="checkbox"/> 12 Massive	<input type="checkbox"/> 05 Syngenetic	<input type="checkbox"/> 15 Exhalative
<input type="checkbox"/> 06 Podiform	<input type="checkbox"/> 13 Disseminated	<input type="checkbox"/> 06 Epigenetic	<input type="checkbox"/> 16 Diatreme
<input type="checkbox"/> 07 Layered	<input type="checkbox"/> ** Unknown	<input type="checkbox"/> 07 Hydrothermal	<input type="checkbox"/> 17 Epithermal
		<input type="checkbox"/> 08 Residual	<input type="checkbox"/> 18 Mesothermal
		<input type="checkbox"/> 09 Porphyry	<input type="checkbox"/> 19 Fossil Fuel
		<input type="checkbox"/> 10 Igneous-contact	<input type="checkbox"/> ** Unknown

AGE OF MINERALIZATION: 300 PALEOZOIC ISOTOPIC AGE: _____
MATERIAL DATED: BRYOZOA, CORALS DATING METHOD: 04 FOSSIL
SHAPE OF DEPOSIT: 1 Regular 2 Tabular 3 Cylindrical 4 Bladed 5 Irregular
SHAPE MODIFIER: 1 Folded 2 Faulted 3 Fractured 4 Sheared 5 Other
DEPOSIT DIMENSION: 100 X 100 X _____ (metres)
ATTITUDE: STRIKE/DIP 157/80 TREND/PLUNGE _____
Comment: BEDDING IN VICINITY OF QUARRY (G.S.C. MAP 1500A)

DATE CODED: Y _____ M _____ D _____ CODED BY _____ FIELD CHECKED YES NO
Y _____ M _____ D _____ REVISED BY _____ YES NO

✓
HOST ROCK

DOMINANT HOST ROCK: Sedimentary 3 Volcanic 5 Metaplutonic 7 Metamorphic
 2 Plutonic 4 Metasedimentary 6 Metavolcanic

FORMAL HOST:

1. Group: 229 Knob Hill Formation: _____
 Strat-Age: 300 PALEOZOIC Isotopic Age: _____
 Dating Method: O²¹ FOSSIL Material Dated: BRYOZOA, CORALS

2. Group: _____ Formation: _____
 Strat-Age: _____ Isotopic Age: _____
 Dating Method: _____ Material Dated: _____

INFORMAL HOST:

1. Igneous/Metamorphic/Other: Name: _____
 Strat-Age: _____ Isotopic Age: _____
 Dating Method: _____ Material Dated: _____

2. Igneous/Metamorphic/Other: Name: _____
 Strat-Age: _____ Isotopic Age: _____
 Dating Method: _____ Material Dated: _____

Comment on Host Rock: FOSSILS INDICATE PERMIAN TO CARBONIFEROUS AGE

ROCK TYPE/LITHOLOGY:

MODIFIER CODE(S)	ROCK CODE	ROCK NAME
	<u>DCUM</u>	<u>DIOCLASE</u>
<u>MBLD</u>	<u>GNSS</u>	<u>HORNBLENDE GNEISS</u>
	<u>AMPH</u>	<u>AMPHIBOLITE</u>
<u>TALC</u> <u>CLRT</u>	<u>SCST</u>	<u>TALC-CHLORITE SCHIST</u>

✓
GEOLOGICAL SETTING

TECTONIC BELT: IN Insular CC Coast Crystalline IM InterMontane OM OMineca EA Eastern

TERRANE: 1. QNO OKANAGAN 2. _____

PHYSIOGRAPHIC AREA: OKHL OKANAGAN HIGHLANDS

METAMORPHISM: TYPE RELATIONSHIP

1 Contact 1 Pre-Mineralization
 2 Regional 2 Syn-Mineralization
 3 Post-Mineralization

GRADE: ZL Zeolite BS Blueschist MV Med. Vol. Bituminous
 GS Greenschist EC Eclogite HV Hi Vol. Bituminous
 AM Amphibolite AN Anthracite SB Sub Bituminous
 HF Hornfels SA Semi-Anthracite LI Lignite
 GL Granulite LV Low Vol. Bituminous

Geological Setting Comment: _____

PRODUCTION FROM ROCK CREEK (DZ E SE 200)

YEAR	TONNES MINED	TONNES MILLED	DOLOMITE
✓ 1972	9000	0	9,000,000
✓ 1977	41	0	40,823
✓ 1978	997	0	997,468
✓ 1979	2644	0	2,644,443
✓ 1980	2976	0	2,975,566
✓ 1981	5089	0	5,089,306
✓ 1982	500	0	500,000
✓ 1983	8845	0	8,845,051
✓ 1985	6060	0	6,060,000
✓ 1986	8000	0	8,000,000
✓ 1987	8000	0	8,000,000
✓ 1988	8000	0	8,000,000
METRIC TOTAL:	60,093	0	60,092,657
IMPERIAL TOTAL:	66,241	0	132,481,630

REFERENCES: (1) EMPR MINERAL POLICY BRANCH
 (2) EMPR G.E.M. 1972, P. 586

RESERVES

ORE ZONE NAME: QUARRY

YEAR: 1972

CATEGORY: MR Measured Recoverable IN Indicated Ore UN Unclassified
 MG Measured Geological IF Inferred Ore BA Best Assay

SAMPLE TYPE: CHIP Chip GRAB Grab CHNL Channel BULK Bulk DIAD Drill Core ROCK Rock

CALCULATION A: QUANTITY: 15,400,000 (tonnes)

Commodity	Grade	Commodity	Grade	Commodity	Grade
<u>PO</u>	<u>100%</u>				

(Precious metals in grams, others in per cent)

Comment: "PROVEN" RESERVES
 Reference: FINANCIAL POST SURVEY OF MINES, 1972, P. 214

CALCULATION B: QUANTITY: _____ (tonnes)

Commodity	Grade	Commodity	Grade	Commodity	Grade

(Precious metals in grams, others in per cent)

Comment: _____
 Reference: _____

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PRODUCTION

YEAR: _____ ORE MINED: _____ (tonnes) ORE MILLED: _____ (tonnes)

Commodity	Quantity	Commodity	Quantity	Commodity	Quantity

(Precious metal quantities in grams others in kilograms)

Comment: _____
 Reference: _____

CARDO

BIBLIOGRAPHY

(place * before significant references)

EMPR GEN 1970 - 411, * 1971 - 456, 1972 - 586
EMPR EXPL 21978 + 285, 286, 1983 - XLI, 1985 - A48
 * EMPR IND MIN FILE (REPORT BY Z.P. HORA, 1978)
GSC P 79-29, PP. 11, 12, 17
GSC MAP 6-1957, 10-1967, 1500A
GSC OF 481, 1969
FIN POST SURVEY OF MINES, 1972, P. 214
EMPR MP CORP FILE (NEW DOLOMITE WHITE MINING LTD.)