Ministry of Energy, Mines and Petroleum Resources
GEOLOGICAL SURVEY BRANCH

MINFILE

MINFILE

NEW ☐ REVISION ☒ MODIFIED ☐ DELETE ☐

IDENTIFICATION

001033

MINFILE NO. 82ESE 086 NAT'L MINERAL INV. NO.

CANMINDEX NO.

NAME(S) 1. GRAND FORKS DOLOMITE
2. N.I.T.S. QUARRY
3. RAMSHEAD QUARRIES
4.

STATUS: ☐ SHOWing ☐ PROSpect ☐ DEveloped PRospect ☐ O ☐ U PRODucer ☒ O ☐ U PAst PRoducer

LOCATION:

NTS MAP: 82E/01W
BC MAP:
MINING DIVISION: GRWD GREENWOOD
UTM ZONE: 11 NORTHING: 5431700 EASTING: 399040
LATITUDE: ° ' " LONGITUDE: ° ' "
ELEVATION: 579 (metres)
LOCATION CERTAINTY: ☒ 1 within 500 m ☐ 2 within 1 km ☐ 3 within 5 km
Comment on Identity: LOCATION CENTERED ON QUARRY 400 METRES EAST OF MORRISSEY CREEK AS PLOTTED ON MAP 82E/1W IN EMPR INDUSTRIAL MINERAL FILE.

MINERAL OCCURRENCE

COMMODITIES: DO DS MB
MINERALOGY:
SIGNIFICANT Minerals: DOLM CLCT
Comment:
ASSOCIATED Minerals: SRPN PLGP FLOP FRSR DPSD SPNL ANPL BOIT
Comment:
ALTERATION Minerals:
Comment:
ALTERATION Type:

DEPOSIT CHARACTER: 09 12

01 Vein	02 Stockwork	03 Breccia	04 Pipe	05 Unconsolidated
06 Podiform	07 Layered	08 Stratabound	09 Stratiform	10 Concordant
11 Discordant	12 Massive	13 Disseminated	** Unknown	

DEPOSIT CLASSIFICATION: 04 14

01 Replacement	02 Magmatic	03 Volcanogenic	04 Sedimentary	05 Syngenetic
06 Epigenetic	07 Hydrothermal	08 Residual	09 Porphyry	10 Igneous-contact
11 Skarn	12 Pegmatite	13 Placer	14 Precipitate	15 Exhalative
16 Diatreme	17 Epithermal	18 Mesothermal	19 Fossil Fuel	20 Metamorphic
** Unknown				

AGE OF MINERALIZATION: 400 PROTEROZOIC ISOTOPIC AGE:
MATERIAL DATED: DATING METHOD:
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: E X X (metres)
ATTITUDE: STRIKE/DIP 110 / 75S TREND/PLUNGE
Comment: ATTITUDE OF DOLOMITE IN QUARRY

DATE CODED: Y 85 M 07 D 24 CODED BY GJB FIELD CHECKED ☐ YES ☒ NO
Y 89 M 09 D 14 REVISED BY PSF ☐ YES ☒ NO

MINFILE NO.

HB-936

HOST ROCK

DOMINANT HOST ROCK: [1] Sedimentary [2] Plutonic [3] Volcanic [X] [4] Metasedimentary [5] Metaplutonic [6] Metavolcanic [7] Metamorphic

FORMAL HOST: ~~MAIBA A GROUP~~ →

1. **Group:** *** **Formation:** 138 GRANDFORKS
   Strat-Age: 400 PROTEROZOIC **Isotopic Age:**
   Dating Method: **Material Dated:**
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:

ROCK TYPE/LITHOLOGY:

MODIFIER CODE(S)			ROCK CODE	ROCK NAME
			DOLM	DOLOMITE
		BOIT	LMSN	LIMESTONE
		BOIT	SCST	BIOTITE SCHIST
		PGMC	GNSS	PEGMATITIC GNEISS
	BOIT	HBLD	MGMT	BIOTITE-HORNBLENDE MIGMATITE

GEOLOGICAL SETTING

TECTONIC BELT: [IN] INsular [CC] Coast Crystalline [IM] InterMontane [X] [OM] OMineca [EA] EAstern

TERRANE: 1. m METAMORPHIC ROCKS 2.

PHYSIOGRAPHIC AREA: OKHL OKANAGAN HIGHLAND

METAMORPHISM:

TYPE
- [1] Contact
- [X] [2] Regional

RELATIONSHIP
- [1] Pre-Mineralization
- [2] Syn-Mineralization
- [X] [3] Post-Mineralization

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

Geological Setting Comment:

CAPSULE GEOLOGY

WORK HISTORY

YEAR FROM	YEAR TO	WORK TYPE	AMOUNT (m/km/ha/No.)	COMMENT (Owner/Operator/Results)
1969		MILL		BY RAMSHEAD QUARRIES LTD. (OWNER)
1984		GEOL		BY V.T.S. QUARRY LTD. (OPERATOR)

RESERVES

ORE ZONE NAME: QUARRY YEAR: 1970

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

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

CALCULATION A: QUANTITY: _____ (tonnes)

Commodity	Grade	Commodity	Grade	Commodity	Grade
DO	20.69 %				

(Precious metals in grams, others in per cent)

Comment: GRADE GIVEN FOR MgO,
Reference: EMPR G.E.M. 1970, P. 491

CALCULATION B: QUANTITY: _____ (tonnes)

Commodity	Grade	Commodity	Grade	Commodity	Grade

(Precious metals in grams, others in per cent)

Comment:
Reference:

PRODUCTION

YEAR: 1965 ORE MINED: 6054 (tonnes) ORE MILLED: _____ (tonnes)

Commodity	Quantity	Commodity	Quantity	Commodity	Quantity
DO	6041 000 Kg				

(Precious metal quantities in grams others in kilograms)

Comment:
Reference: Tech. Min. Policy

BIBLIOGRAPHY

(place * before significant references)

EXPL 1985, P. A48

EMPR AR *1960, PP. 142, 143, 1968, P. 297
EMPR GEM 1969, P. 384, *1970, PP. 490, 491, 1971, P. 455
*EMPR ASS RPT 13176
CANMET RPT *452, VOL. 5, PP. 1140, 141, *811, PART 5, P. 190.
GSC P 69-22, P. 8
GSC MAP 6-1957
GSC OF 481, 1969

EMPR FIELD WORK 1985, P. 240