

LEGEND

PALEOZOIC

DEVONIAN

DRS SOURIS RIVER FORMATION: basal red shale: argillaceous and high-calcium limestone: dolomite

DDB DAWSON BAY FORMATION: basal red shale: dolomite: limestone

DW WINNIPEG FORMATION: dolomite, reefal and interref

DA ASHERN FORMATION: dolomite, argillaceous: dolomitic shale

S INTERLAKE GROUP: undivided: dolomite: minor arenaceous and argillaceous marker beds

SCL CEDAR LAKE FORMATION: dolomite - fragment: micritic: reefoid

SEA EAST ARM FORMATION: dolomite - finely crystalline: stromatolitic

SA ATKAMEG FORMATION: dolomite - massive, porous

SML MOOSE LAKE FORMATION: dolomite - stromatolitic: micritic

SI INWOOD FORMATION: dolomite - stromatolitic: micritic: fragmental

SFB FISHER BRANCH FORMATION: dolomite, fossiliferous

ORDOVICIAN AND SILURIAN

OS STONEWALL FORMATION: dolomite - crystalline: conglomeratic

OSM STONY MOUNTAIN FORMATION: dolomite - nodular: colour-mottled in part

ORR RED RIVER FORMATION: dolomite - colour-mottled: minor cherty layers

OW WINNIPEG FORMATION: sandstone: dolomitic sandstone

PRECAMBRIAN

PC undivided

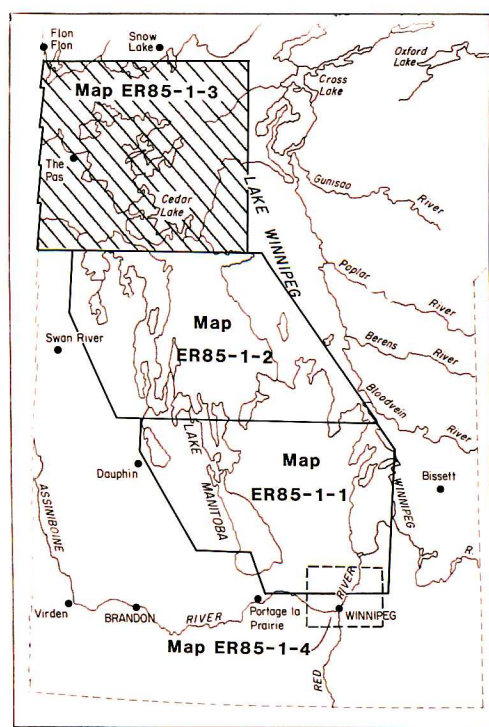
SYMBOLS

- Rock outcrop (excluding Precambrian Shield)
- Area of near-surface bedrock, drift cover less than 3 m.
- Geological contact (approximate, underwater)
- Quarry
- Continuous outcrop in roadcut

NOTE: This map was derived from a limited data base that includes drill hole logs or core, water well records, soils maps, geological publications, and information collected from quarries and road accessible outcrops during the present survey. Accordingly, the user is cautioned that other bedrock outcrops and near-surface occurrences are probably present in the area and it is to be expected that some parts of the area indicated as near-surface bedrock may have locally thick overburden. Detailed exploration is advisable before opening a quarry.

Only outcrops shown on published maps and those observed during this survey are specifically noted. Numerous other off-road outcrops can be located by examination of aerial photographs or by ground surveys. Areas indicated as near-surface bedrock are derived from preliminary soils maps and reportedly are underlain 100% by rock outcrop and/or rock within 30 cm of the surface. Areas with less near-surface outcrop (25 to 90%) are also shown on the appropriate soils map. The map area contains the most extensive tracts of Paleozoic outcrop in Manitoba, these are almost continuous between Grand Rapids and Moose Lake. Karsting may be present locally and caves are known southward of William Lake. Local occurrences of sandy, carbonaceous or saproscopic Mesozoic sediments also are known. Only principal all-weather roads are shown. Other minor roads and forestry trails provide seasonally dependent access in many parts of the area.

Compilation to January, 1984.



Index Map

MAP ER85-1-3

(to accompany Economic Geology Report ER85-1)
DOLOMITE RESOURCES OF THE NORTHERN

INTERLAKE REGION

Geology by B.B. Bannatyne

Cartography by C. Sandy

Scale 1:250 000

