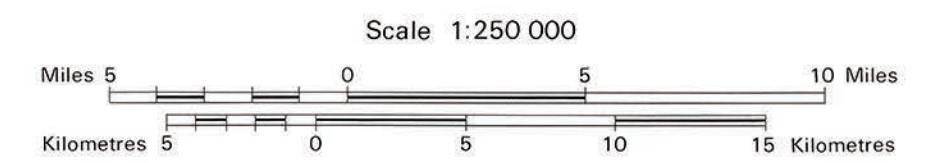


PROVINCE OF MANITOBA  
DEPARTMENT OF NATURAL RESOURCES  
WATER RESOURCES BRANCH

GROUNDWATER AVAILABILITY STUDY  
VIRDEN AREA

BEDROCK TOPOGRAPHY

FIGURE 3



LEGEND

- W.R.B. GROUNDWATER AVAILABILITY BOREHOLE . . . . . ●  
 W.R.B./W.S.B. WATER SUPPLY INVESTIGATION BOREHOLE . . . . . ●  
 W.R.B. BOREHOLE, OTHER . . . . . ○  
 G.S.C. OR MANITOBA MINES BRANCH BOREHOLE . . . . . ⊙  
 UNIVERSITY OF MANITOBA BOREHOLE . . . . . ⊗  
 OIL EXPLORATION BOREHOLE . . . . . ⊕  
 WATER WELL . . . . . △  
 BOREHOLE, OTHER . . . . . ○  
 OUTCROP . . . . . x  
 BEDROCK ELEVATION (DATUM M.S.L.) . . . . . 477  
 CONTOUR OF EQUAL BEDROCK ELEVATION . . . . . 420  
 BEDROCK DEPRESSION, (EXTENT UNKNOWN) . . . . . ?-?-?

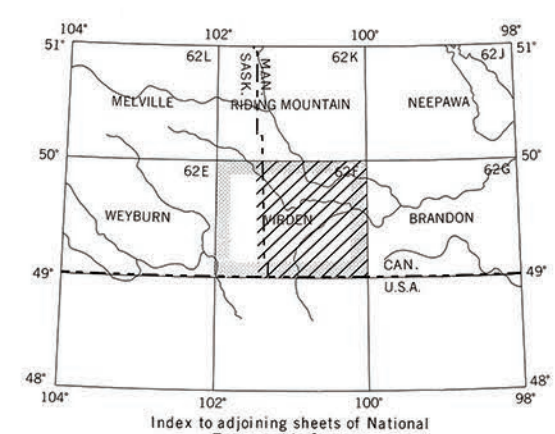
Contour Interval 20 Metres

W.R.B. = Manitoba Water Resources Branch  
 W.S.B. = Manitoba Water Services Board  
 G.S.C. = Geological Survey of Canada

Prepared by: R.N. Betcher, 1983.

MAP LEGEND

- Road . . . . .  
 Railway . . . . .  
 Town . . . . .  
 Village or Settlement . . . . .  
 Intermittent Lake and Stream . . . . .  
 Marsh or Swamp . . . . .



Magnetic declination 1966 varies from  
 14° 37' easterly at centre of west edge to  
 12° 18' easterly at centre of east edge.  
 Mean annual change 2.0' westerly.

Base Map by: Surveys and Mapping  
 Branch, Department of Energy, Mines and  
 Resources, Ottawa.

Cartography by: Surveys and Mapping Branch,  
 Manitoba, 1983.

