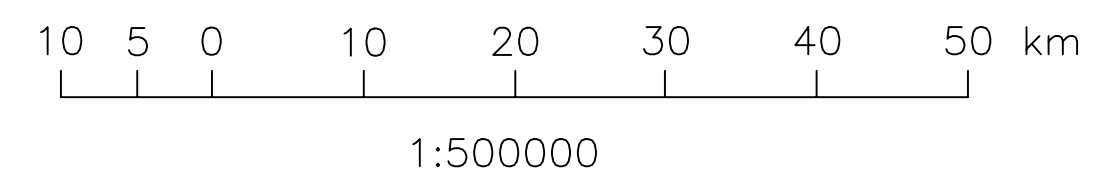


STRATIGRAPHIC MAP SERIES D-M-1
STRUCTURE CONTOUR & ISOPACH MAP
DEVONIAN – MISSISSIPPIAN
LYLETON & BAKKEN FORMATIONS

- STRUCTURE CONTOUR (100' Contour Interval)
 - - - ISOPACH CONTOUR (20' Contour Interval)
 - ±1200
80 ELEVATION ABOVE (BELOW) SEA LEVEL DATUM
THICKNESS OF BAKKEN & LYLETON FORMATIONS
 - ▨ BAKKEN & LYLETON FORMATIONS (subcrop area—unconformably overlain by Jurassic strata)
 - ⋯ AXIS OF STRUCTURAL LOW ON MISSISSIPPIAN CRINOIDAL MARKER
 - ▤ HARTNEY AREA (Tp.5, Rge.24) – structurally complex area; probable crater structure. Detailed contours not shown.
- Structure extrapolated from shallower Mississippian tests where possible.
 -Formations not mapped separately because of thinness of units and difficulty in differentiating.
 -Locally thick areas are the result of early salt solution of Devonian evaporites during Bakken-Lyleton time, forming "sombbrero" structures.
 -Detailed contours not shown (Tp.1, Rge.25 and Tp.4, Rge.25)



Structure and Isopach values are given in feet
Digital cartography by: M.E.McFarlane

Revised: January,1980/H.R.McCabe
Reissued: R.K.Bezys/1998

