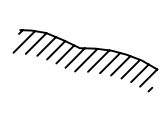
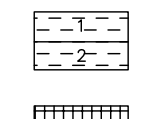
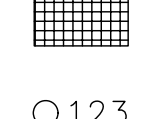
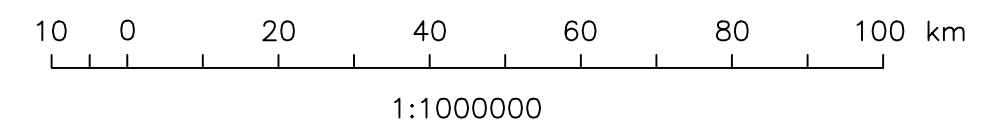


STRATIGRAPHIC MAP SERIES Kvr-2
STRUCTURE CONTOUR & ISOPACH MAP
CRETACEOUS
VERMILLION RIVER FORMATION
 TOP OF PEMBINA MEMBER TO BASE OF BOYNE MEMBER

- STRUCTURE CONTOUR (100' Contour Interval)
- - - ISOPACH CONTOUR (50' Contour Interval)
-  NORTHEASTERN LIMIT OF HIGHLY CALCAREOUS SHALE AT TOP OF BOYNE MEMBER
-  OUTCROP AREA: PEMBINA MEMBER(1)/BOYNE MEMBER(2) (Eastern limit of unnamed member is uncertain)
-  AREA OF STRUCTURAL DISTURBANCE (Non-tectonic)
- 123 WELL: THICKNESS OF STRATA WHERE DETERMINABLE
- 32 WELL IN OUTCROP BELT: THICKNESS REMAINING
- x OUTCROP

NOTE: This section includes in the subsurface, and possibly in parts of the subcrop belt, an unnamed member composed of black fissile carbonaceous shale between the Pembina and Boyne members; it is correlated with the Gammon Ferruginous Member of the Pierre Shale in the United States, and with the lower part of the Lea Park Formation of southern Saskatchewan.



Structure and Isopach values are given in feet

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