

Contours in meters on top of the Judith River Formation and the Bearpaw Shale

Contour interval: 20 meters
 Datum: mean sea level

- 560 m Judith River Formation—Kjr (meters) projected where top of formation eroded
- 900 m Bearpaw Shale—Kb (meters); contours derived from outcrop and well control points beyond the limits of this quadrangle
- Well control point
 699 Kjr = top of Judith River Formation (meters)
 568 Kcl = top of Claggett Shale (meters)
- Extent of glaciation (hachures on glaciated side)

MAP UNITS

- Qsg Sand and gravel
- Qls Landslide deposit
- Qgr Gravel
- Tsg Sand and gravel
- Tfu Fort Union Formation, undivided
- Khc Hell Creek Formation
- Khm Fox Hills Formation
- Kb Bearpaw Shale
- Kjr Judith River Formation
- Kcl Claggett Shale
- Paleosol

Montana Bureau of Mines and Geology
 Open File 440

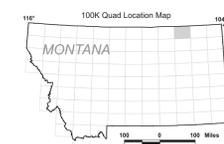
Geologic and Structure Contour Map
 of the Opheim 30' x 60' Quadrangle
 Northeast Montana

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Revisions	Date
map & text - S M Vuke	8/07

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Quad index

CANADA		
WHITE WATER	OPHEIM	SCOBEE
MALTA	GLASGOW	WOLF POINT



Maps may be obtained from
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