

DODSON, MONTANA
 48108-A1-TM-100
 1984

Contours in meters on top of the Upper Cretaceous Claggett Shale
 Contour interval: 20 meters except as labeled near outcrops
 Datum: mean sea level

Contours on this map were derived from the control wells shown on the map, by (1) projecting downward from the Bearpaw-Judith River contact and using a "smoothed" thickness of the Judith River Formation, and (2) for control wells that reached the base of the Claggett Shale, by projecting its thickness upwards.

- Claggett shale—Kcl (meters)
- Supplementary contour between 640 and 660 meters
- Well control point
 699 Kjr = top of Judith River Formation (meters)
 568 Kcl = top of Claggett Shale (meters)
- Extent of glaciation

MAP UNITS

- Sand and gravel
- Alluvium of broad plains
- Sand and gravel
- Syenite porphyry
- Bearpaw Shale
- Judith River Formation
- Claggett Shale
- Eagle Formation
- Telegraph Creek Formation through Belle Fourche Formation, undivided
- Mowry Shale
- Thermopsis Formation and Fall River Formation, undivided
- Kootenai Formation
- Sedimentary rocks, undivided
- Mission Canyon Limestone
- Lodgepole Limestone
- Sedimentary rocks, undivided
- Bighorn Dolomite
- Sedimentary rocks, undivided
- Precambrian rocks, undivided

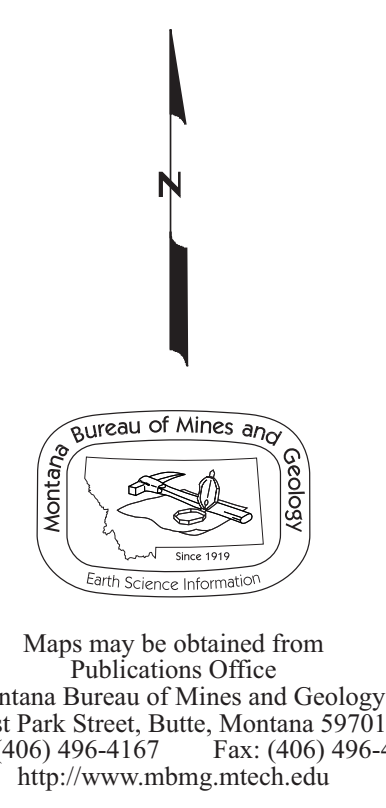
Montana Bureau of Mines and Geology
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Geologic and Structure Contour Map of the
 Dodson 30' x 60' Quadrangle
 North-Central Montana

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Maps may be obtained from
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