

Montana Bureau of Mines and Geology
Open File No. 439

Geologic and Structure Contour Map
of the Dodson 30' x 60' Quadrangle,
Eastern Montana

Robert N. Bergantino

2001

To view a full scale version of this map, [click here](#).

For the text files with the map information, [click here](#).

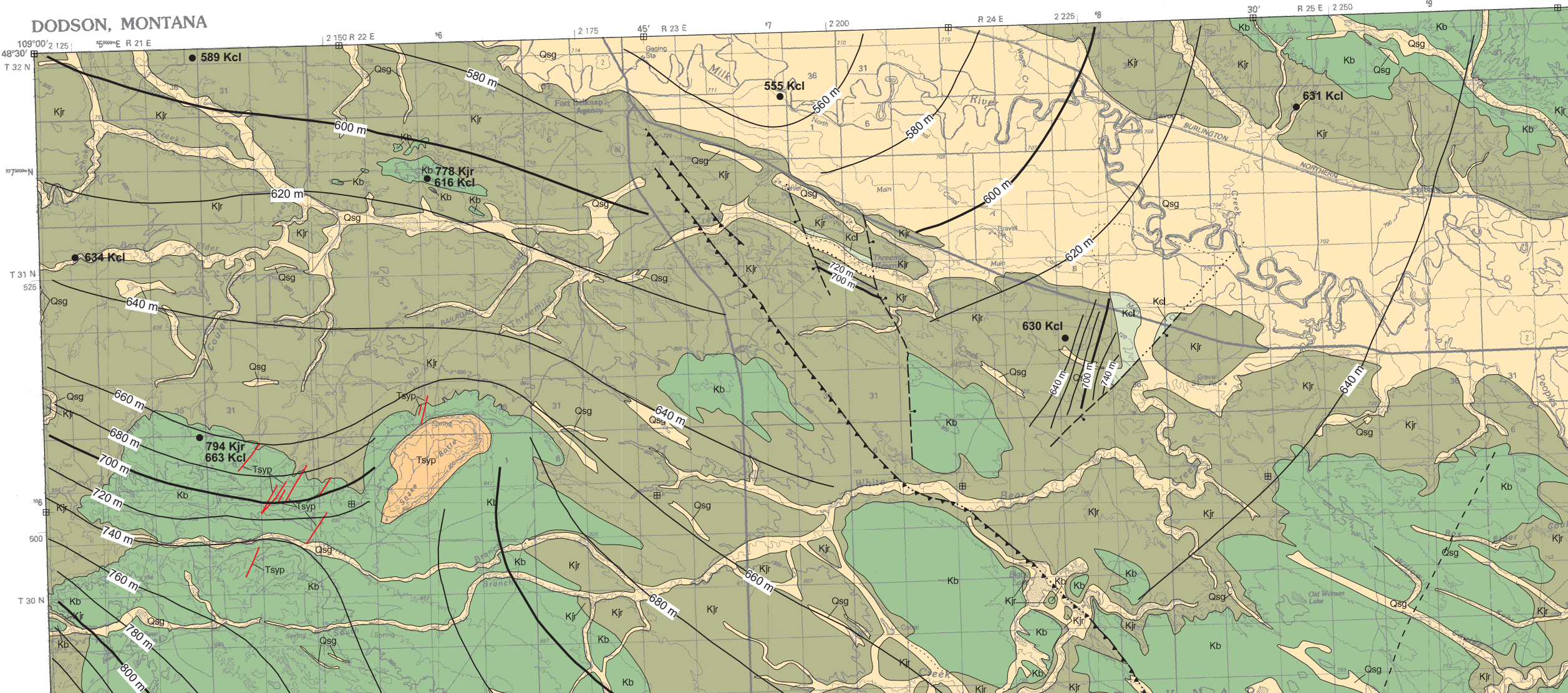
[Digital data link](#)

Note— This map was originally published at a scale of 1;100,000 but the page sizes have been modified to fit average printer capabilities (8½ x 14; legal size paper). There is a an eighth inch overlap on these pages. A full sized colored print of this map can be ordered from the **MBMG Publication Sales Office, 1300 West Park Street, Butte, MT, 59701-8997.**

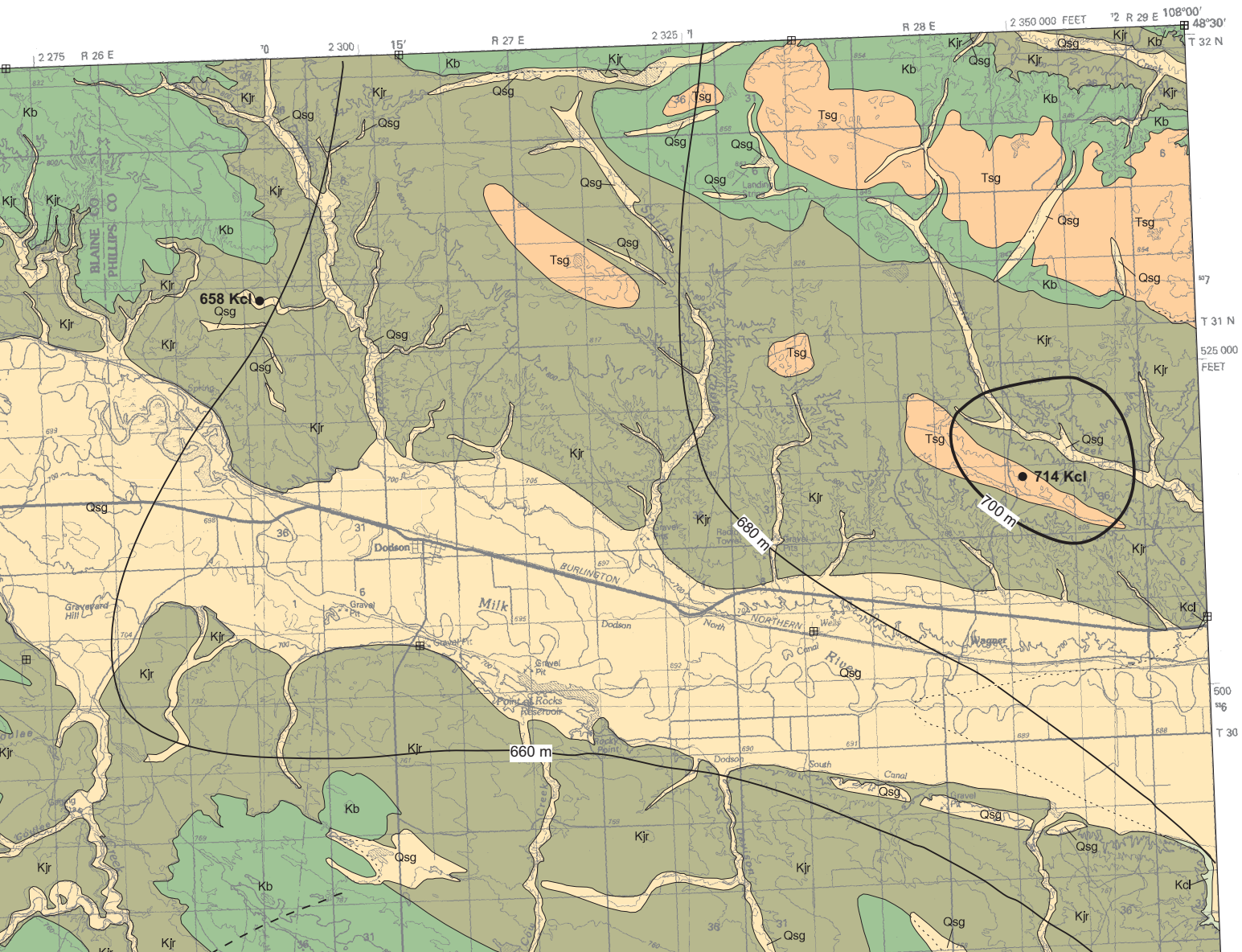
Phone: 406-496-4167

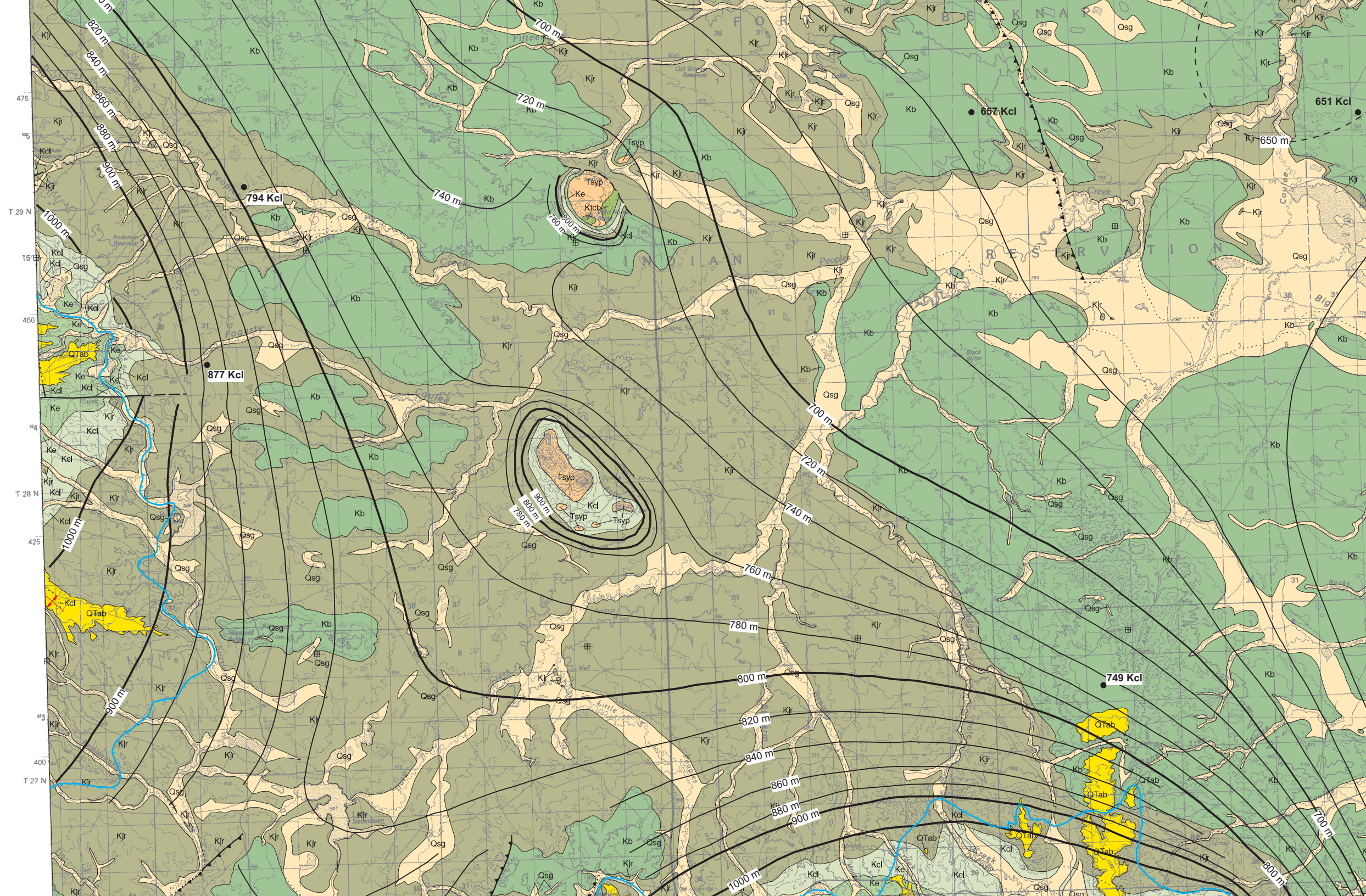
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Open File MBMG 439, Plate 1 of 1
Geologic and Structure Contour Map, Dodson 30'x60' Quadrangle

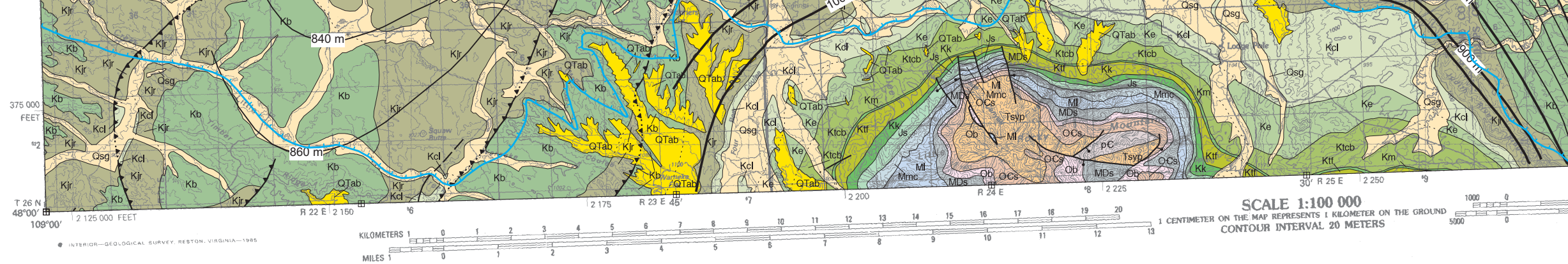


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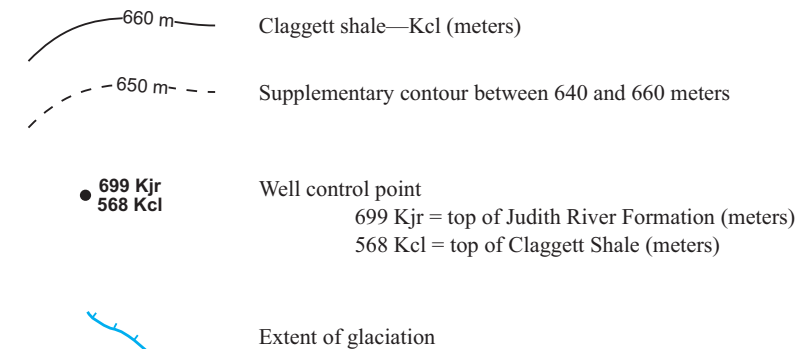




Contours in meters on top of the Upper Cretaceous Claggett Shale

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.



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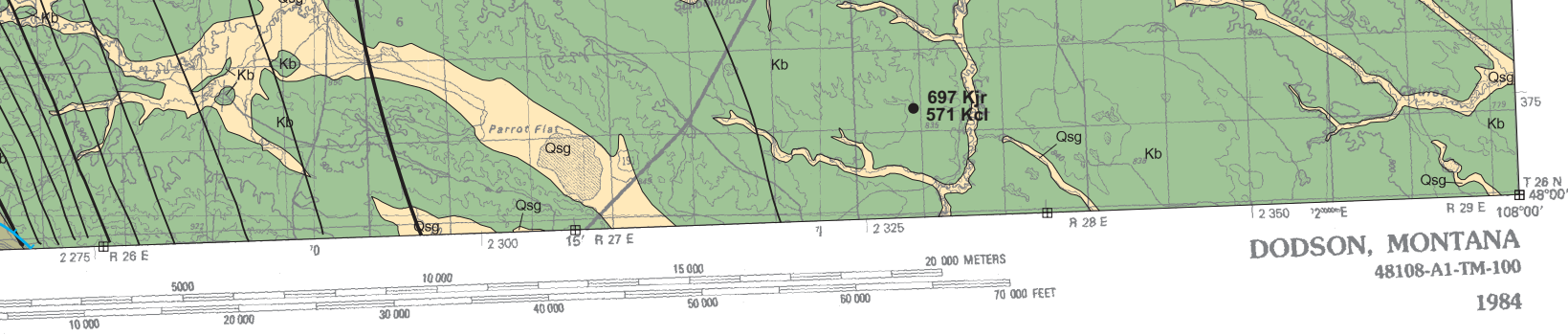
Geologic and Structure Contour Map of the Dodson 30' x 60' Quadrangle North-Central Montana

Robert N. Bergantino

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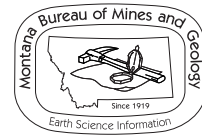
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GIS production: Ken Sandau and Paul Thale, MBMG. Map layout: Susan Smith, MBMG.



MAP UNITS

Qsg	Sand and gravel
QTab	Alluvium of braided plains
Tsg	Sand and gravel
Tsyp	Syenite porphyry
Kb	Bearpaw Shale
Kjr	Judith River Formation
Kcl	Claggett Shale
Ke	Eagle Formation
Ktcb	Telegraph Creek Formation through Belle Fourche Formation, undivided
Km	Mowry Shale
Krf	Thermopolls Formation and Fall River Formation, undivided
Kk	Kootenai Formation
Js	Sedimentary rocks, undivided
Mmc	Misslon Canyon Limestone
MI	Lodgepole Limestone
MDs	Sedimentary rocks, undivided
Ob	Bighorn Dolomite
OCs	Sedimentary rocks, undivided
pC	Precambrian rocks, undivided



Maps may be obtained from
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Montana Bureau of Mines and Geology
1300 West Park Street, Butte, Montana 59701-8997
Phone: (406) 496-4167 Fax: (406) 496-4451
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