

Montana Bureau of Mines and Geology
Open File No. 498

Geologic and Structure Contour Map of the
Fort Peck East 30' x 60' Quadrangle
Eastern Montana

Edith M. Wilde and Robert N. Bergantino

2004

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

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

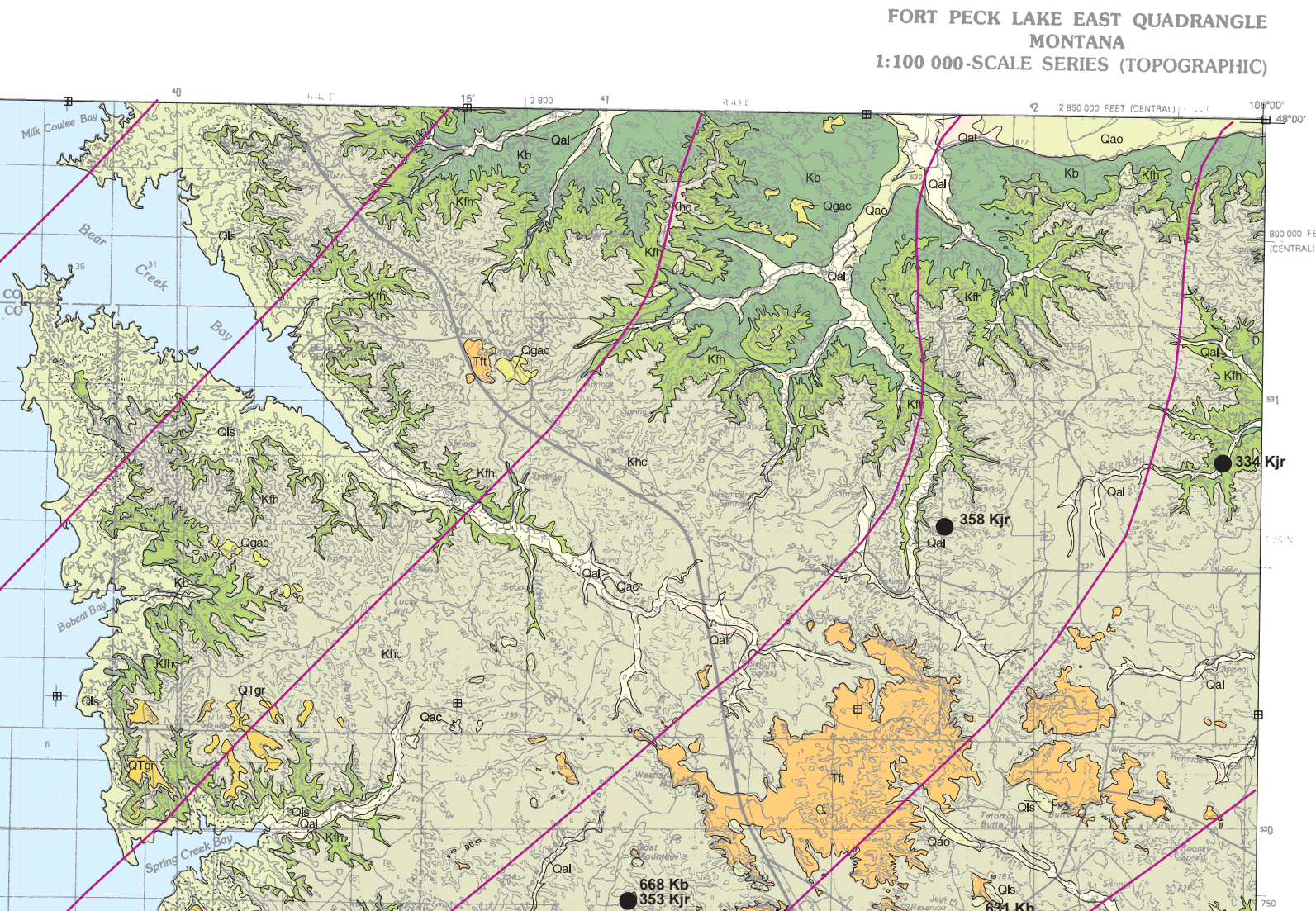
[Digital data link](#)

Note— This map was originally published at a scale of 1;100,000 but the page sizes have been modified to fit the 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.**

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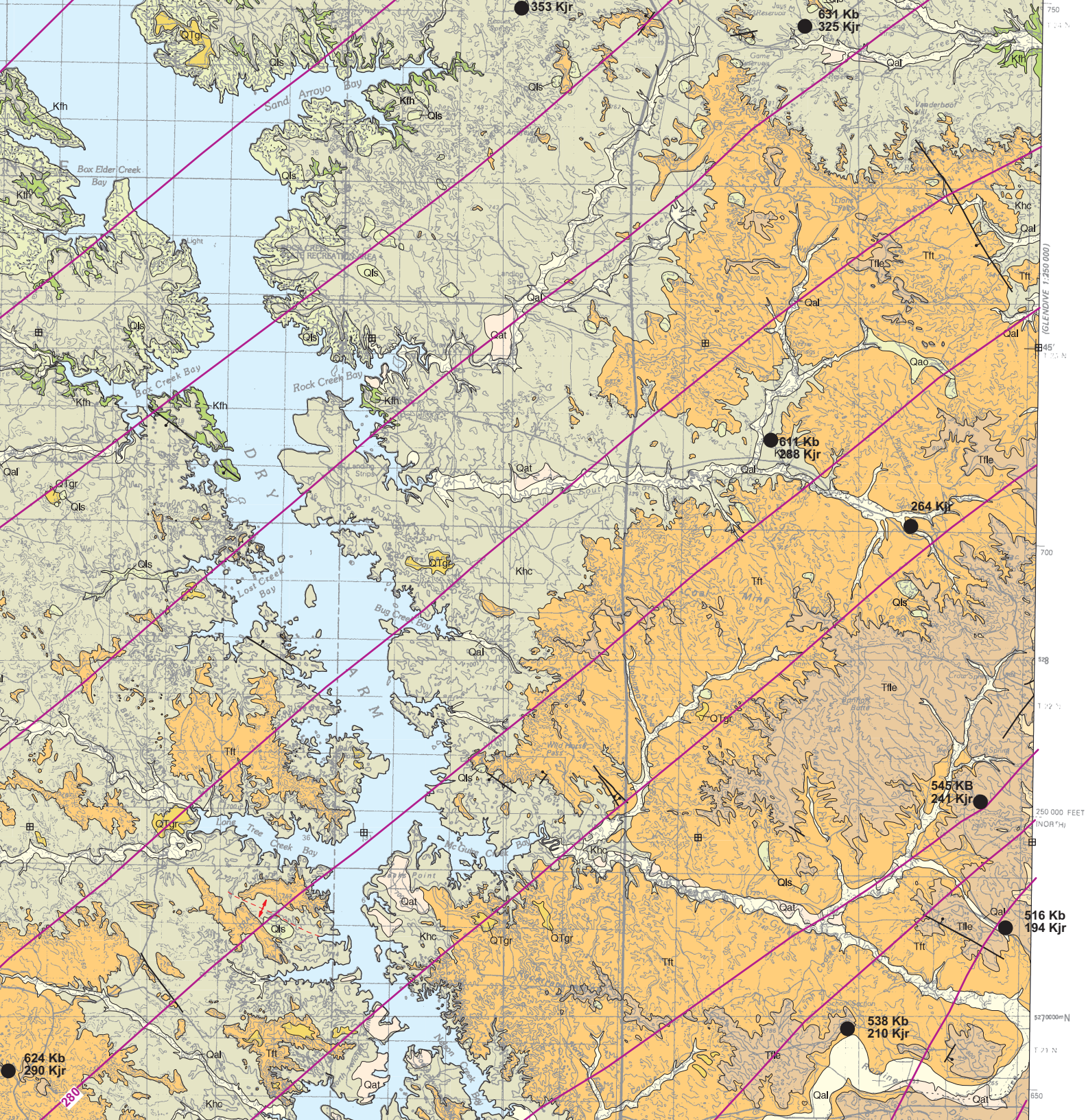
Open File MBMG 498, Plate 1 of 1
Geologic Map, Fort Peck Lake East 30'x60' Quadrangle

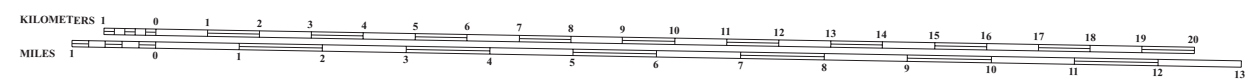
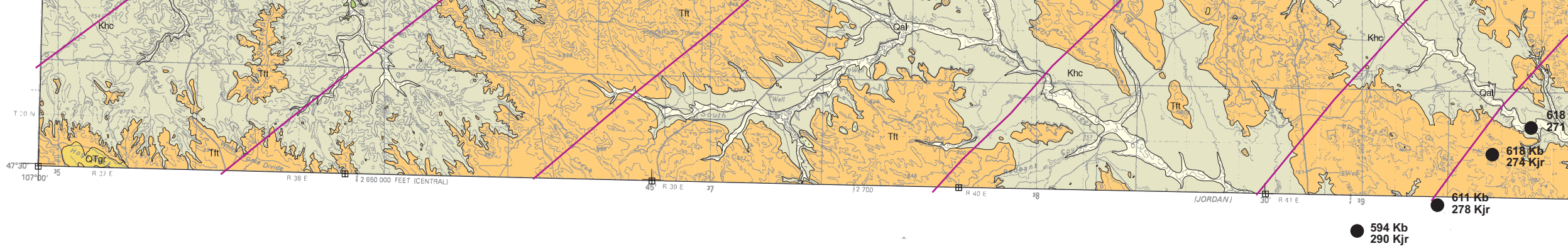


MAP UNITS

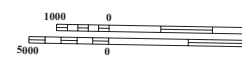
Qal	Alluvium of modern channels and flood plains
Qaf	Alluvial fan deposit
Qat	Alluvium of alluvial terrace deposit
Qao	Alluvium, older, undivided
Qac	Alluvium-colluvium
Qgac	Gravelly sheetwash alluvium and colluvium
Qls	Landslide deposit
QTgr	Terrace gravel ??
Ttr	Tongue River Member of Fort Union Formation
Tle	Lebo Member of Fort Union Formation
Tft	Tullock Member of Fort Union Formation
Khc	Hell Creek Formation
Kfh	Fox Hills Formation
Kb	Bearpaw Shale
W	Water







SCALE 1:100 000
 1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
 CONTOUR INTERVAL 20 METERS



Structure contours in meters on top of the Judith River

Contour interval: 20 meters (1 meter = 3.28 feet)
 Datum: mean sea level



Structure contours on top of the Judith River



Well control point
 621 Kb = top of Pierre (Bearpaw)
 311 Kjr = top of Judith River Formation

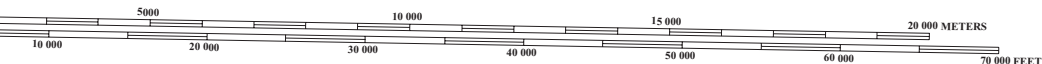
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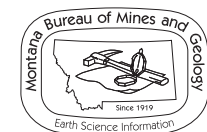
Partial support has been provided by
 Mapping Program of the U.S. Geological Survey
 GIS production: Ken Sandau and Paul


$$= 3.281 \text{ feet})$$

River Formation (Kjr) in meters

rpaw) Shale (meters)

er Formation (meters)



by the STATEMAP component of the National Cooperative Geologic
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Paul Thale, MBMG. Map layout: Susan Smith, MBMG.

Maps may be obtained from
Publications Office
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