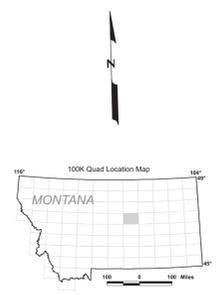


- MAP UNITS**
- Alluvium of modern channels and flood plains
 - Alluvium
 - Alluvium, older, undivided
 - Pediment gravel
 - Tullahoma Member of Fort Union Formation
 - Quartz monzonite porphyry
 - Hill Creek Formation
 - Fox Hills Formation
 - Bearpaw Shale
 - Judith River Formation
 - Claggett Shale
 - Eagle Formation
 - Telegraph Creek Formation
 - Telegraph Creek Formation through Greenhorn Formation, undivided
 - Nobara Formation
 - Nobara Formation through Mowry Shale, undivided
 - Carle Formation
 - Greenhorn Formation
 - Belle Fourche Shale
 - Moby Sandstone Member of Belle Fourche Shale
 - Lower member of Belle Fourche Shale, informal
 - Mowry Shale
 - Thermopola Formation
 - Thermopola Formation and Fall River Formation, undivided
 - Fall River Formation
 - Kootenai Formation
 - Sedimentary rocks, undivided
 - Sedimentary rocks, undivided
 - Sedimentary rocks, undivided

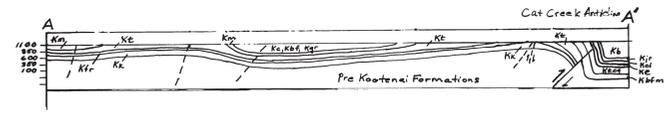


Quad index

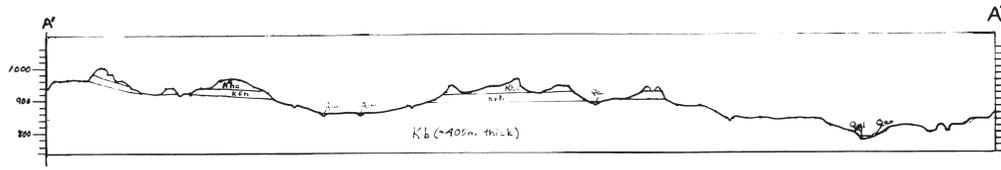
WINFRED	ZORTMAN	FORT PECK LAKE WEST
LEWISTOWN	WINNETT	SAND SPRINGS
BIG SNOWY MOUNTAINS	MUSSEL-SHELL	MELSTONE

Base from U.S. Geological Survey
 Winnett 30'x60' topographic quadrangle
 Map date: 1986; edited 1991
 Projection: UTM zone 12; 1927 NAD

WINNETT, MONTANA
 47108-A1-TM-100
 1986
 PHOTOINSPECTED 1991



No vertical exaggeration.
 Elevations and horizontal distance in meters;
 datum = mean sea level.
 Note:
 1. Subsurface relations at Cat Creek Anticline
 based in part on Nelson, 1993, figures 7 and 10.



Vertical exaggeration is 5:1.
 Elevation and horizontal distance
 in meters; datum = mean sea level.

CROSS SECTIONS A-A' AND A'-A'' FOR GEOLOGIC MAP OF THE WINNETT 30' x 60' QUADRANGLE

Karen W. Porter and Edith M. Wilde

1999

Montana Bureau of Mines and Geology
 Open File 307
 Geologic Map of the Winnett
 30' x 60' Quadrangle, Central Montana

Karen W. Porter and Edith M. Wilde
 1993 (revised 1999, 2007)

Revised	Date
added cross section map - S.M. Vuke	1999 8/07



Maps may be obtained from
 Publications Office
 Montana Bureau of Mines and Geology
 1300 West Park Street, Butte, Montana 59701-8997
 Phone: (406) 496-4167 Fax: (406) 496-4451
 http://www.mbmng.mtech.edu

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