Montana Bureau of Mines and Geology Open File No. 459

Geologic Map of the Great Falls North 30' x 60' Quadrangle, Central Montana

Compiled and mapped by Susan M. Vuke, Roger B. Colton, and David S. Fullerton

# 2002

To view a full scale version of this map, **click here**.

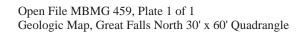
For the text files with the map information, click here.

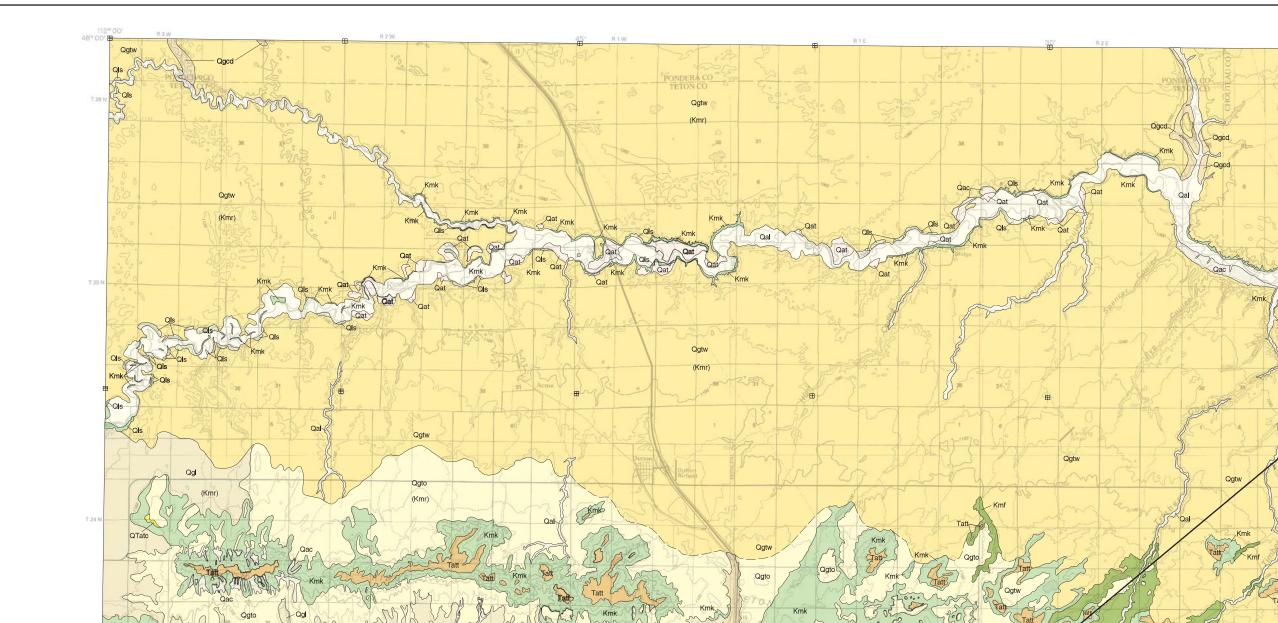
## **Digital data link**

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.

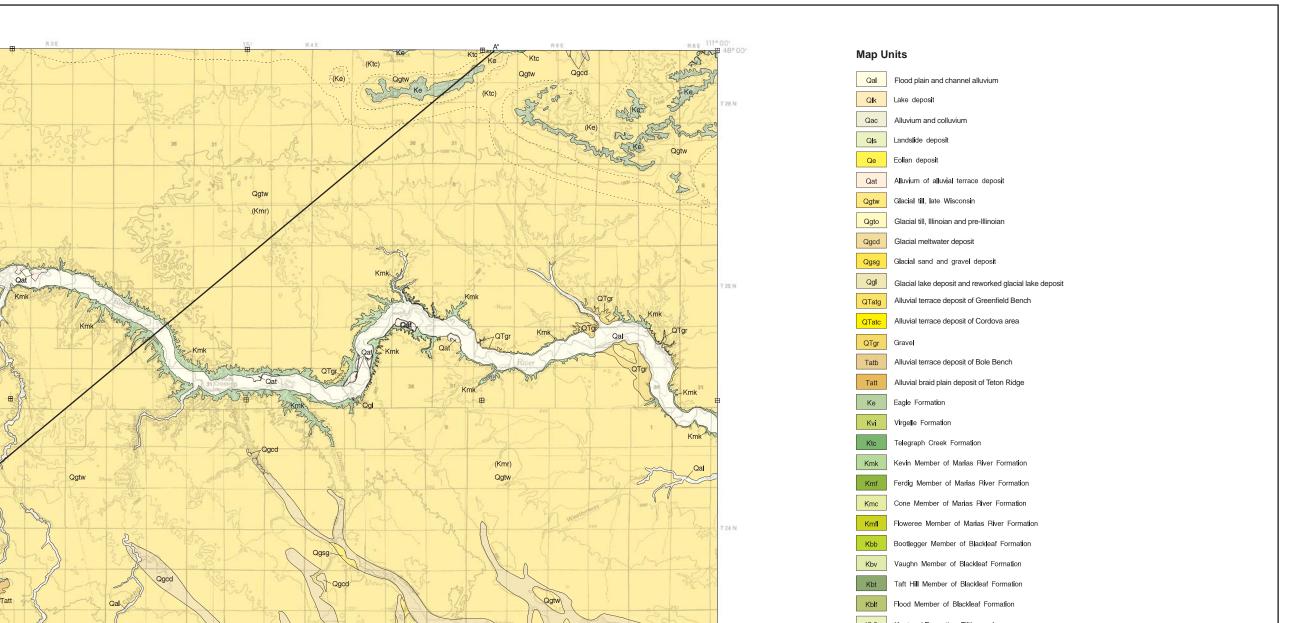
Phone: 406-496-4167

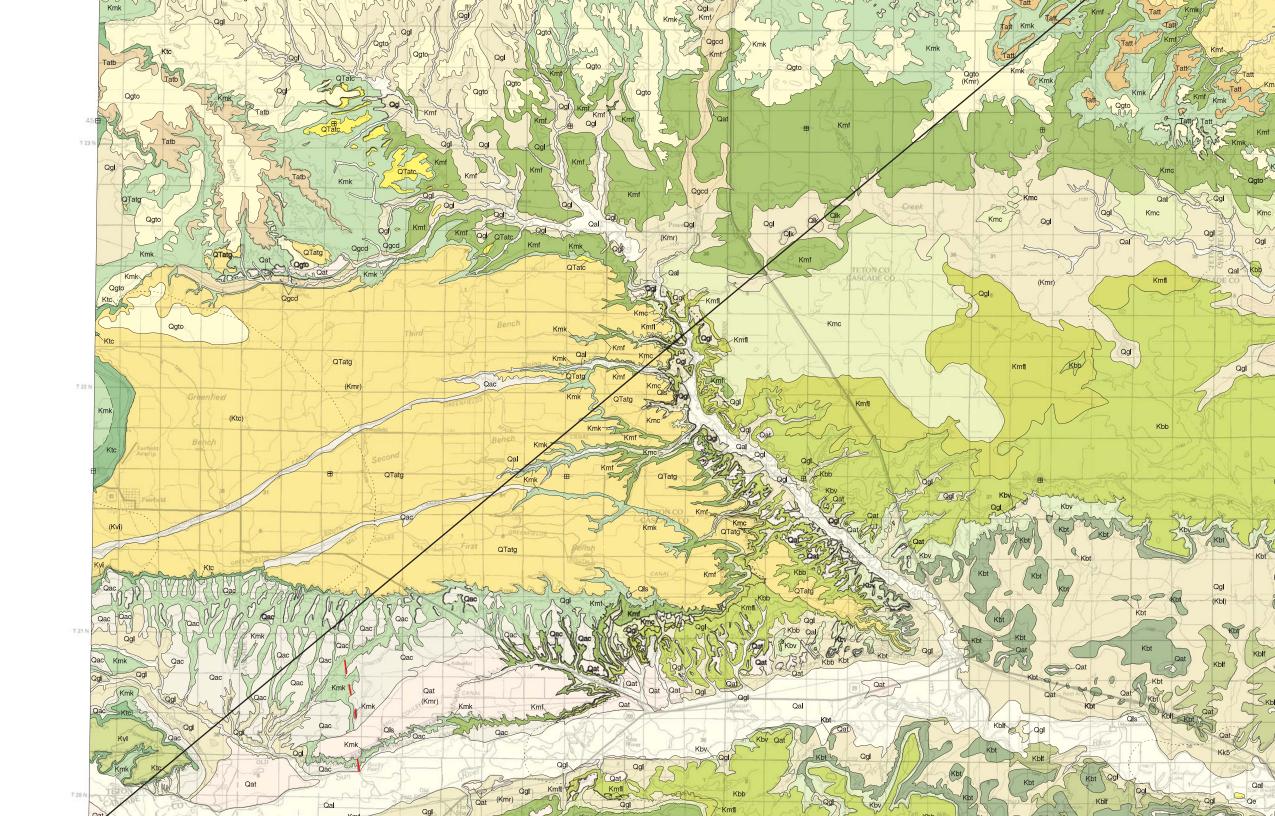
Email: pubsales@mbmg.mtech.edu

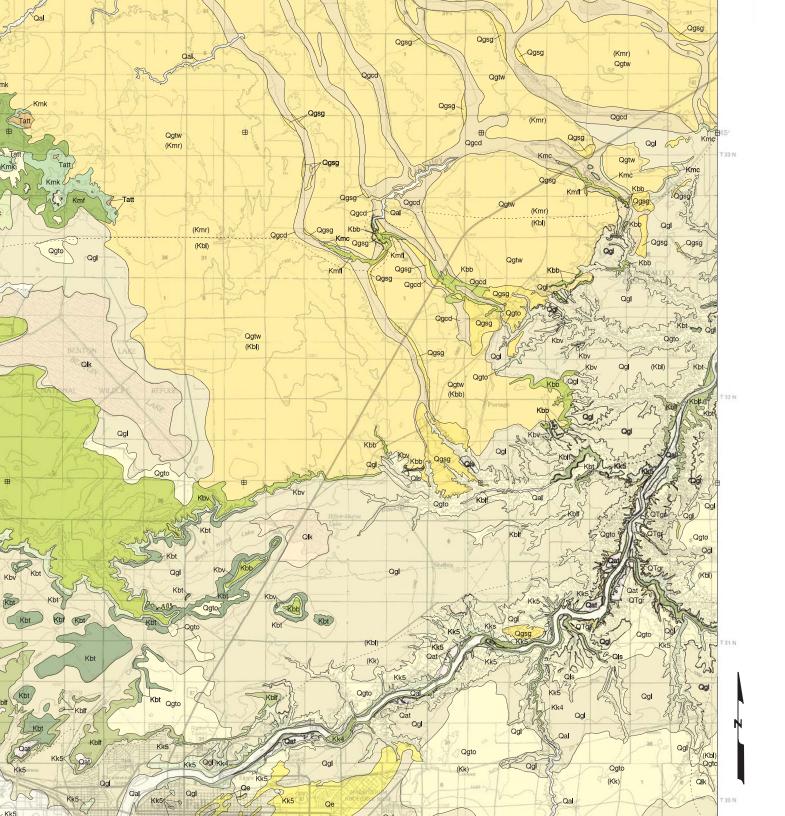


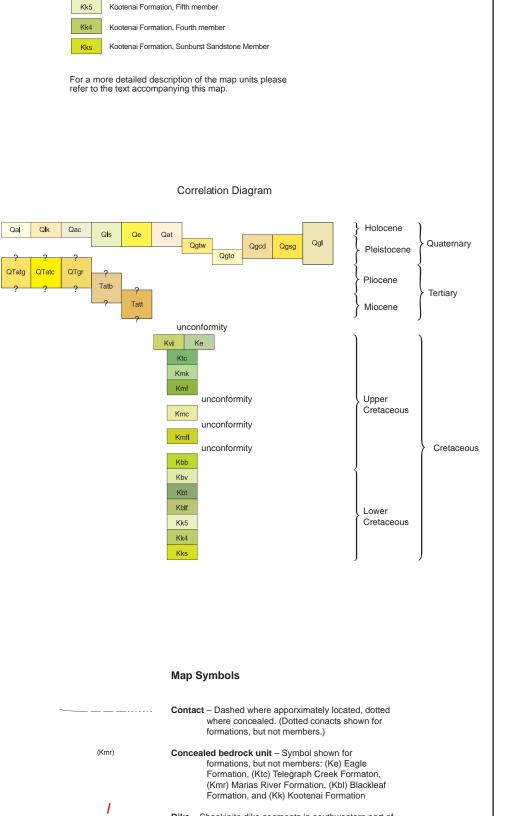


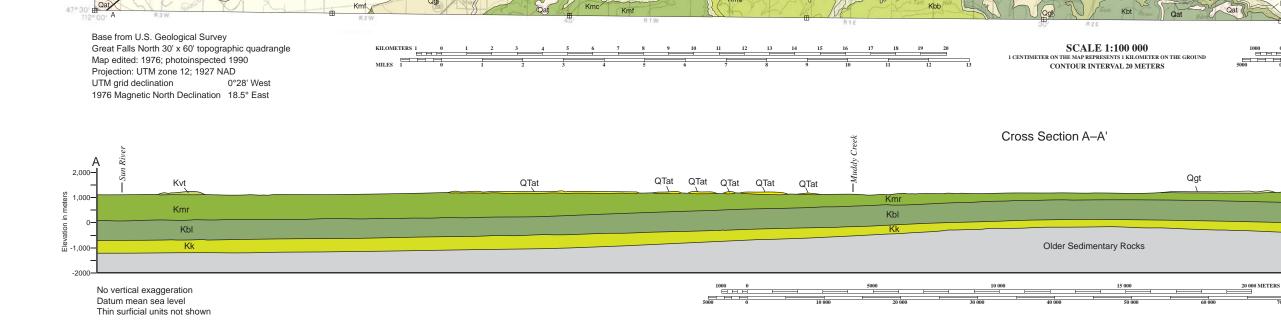
## MONTANA BUREAU OF MINES AND GEOLOGY A Department of Montana Tech of The University of Montana











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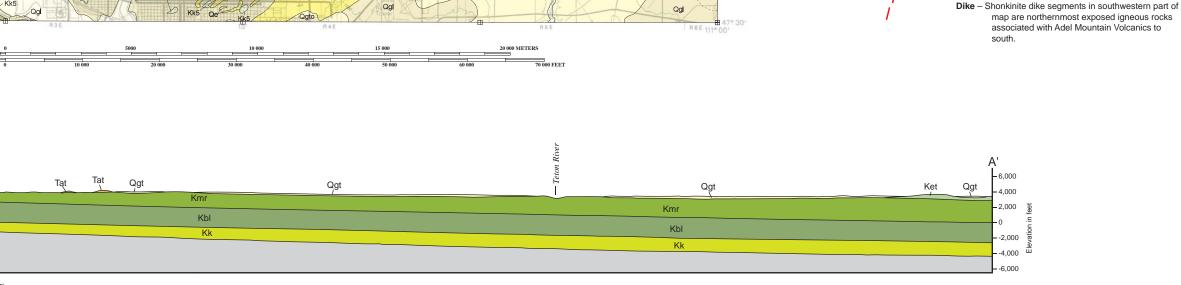
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Revisions	Date	
Text & map Text Map Edge matched with Choteau quadrangle to the west	9/02 3/03 9/12	

Partial support has been provided by the STATEMA Mapping Program of the U.S.Geological Survey un

GIS production: Ken Sandau, John Dillon and Paul



### 70 000 FEET

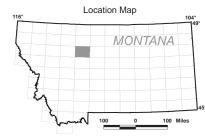
# Cross Section Explanation Qgt Glacial till, undivided

QTat Alluvium, undivided (Pleistocene and/or Pliocene)

- Tat Alluvium, undivided (Pliocene and/or Miocene)
- Ket Eagle and Telegraph Creek Fms., undivided
- Kvt Virgelle and Telegraph Creek Fms., undivided
- Kmr Marias River Formation, undivided
- Kbl Blackleaf Formation, undivided
- Kk Kootenai Formation, undivided

#### Adjacent 30' x 60' quadrangles

VALIER	CONRAD	LONESOME LAKE
CHOTEAU	GREAT FALLS NORTH	FORT BENTON
DEARBORN RIVER	GREAT FALLS SOUTH	BELT





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.mbmg.mtech.edu

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l Thale, MBMG. Map layout: Susan Smith, MBMG.