Montana Bureau of Mines and Geology Open File No. 571

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

Mapped and compiled by Richard B. Berg

2008

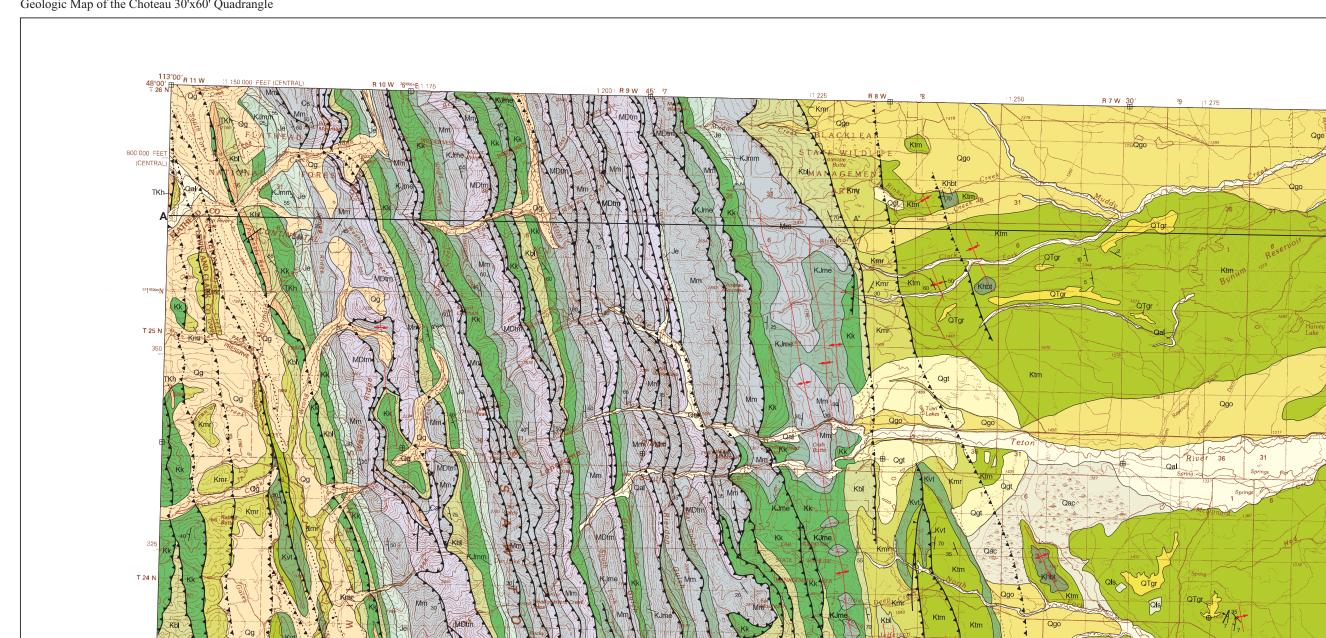
To view a full scale version of this map, click here.

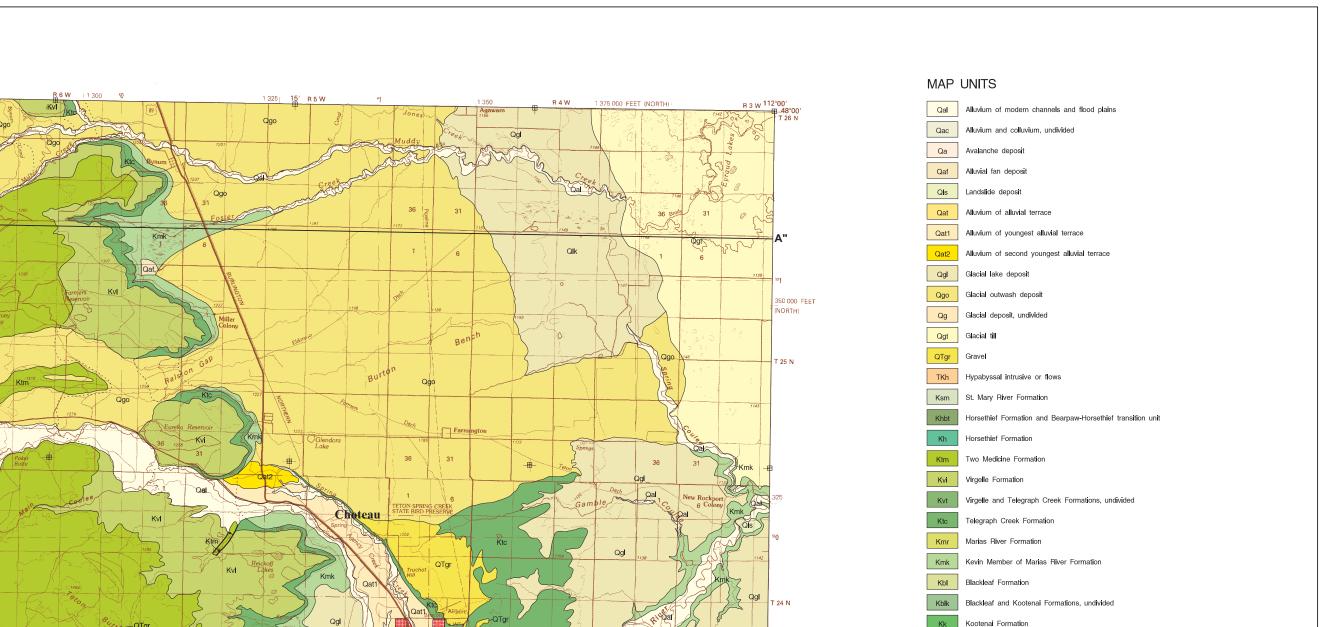
For the text files with the map information, click here.

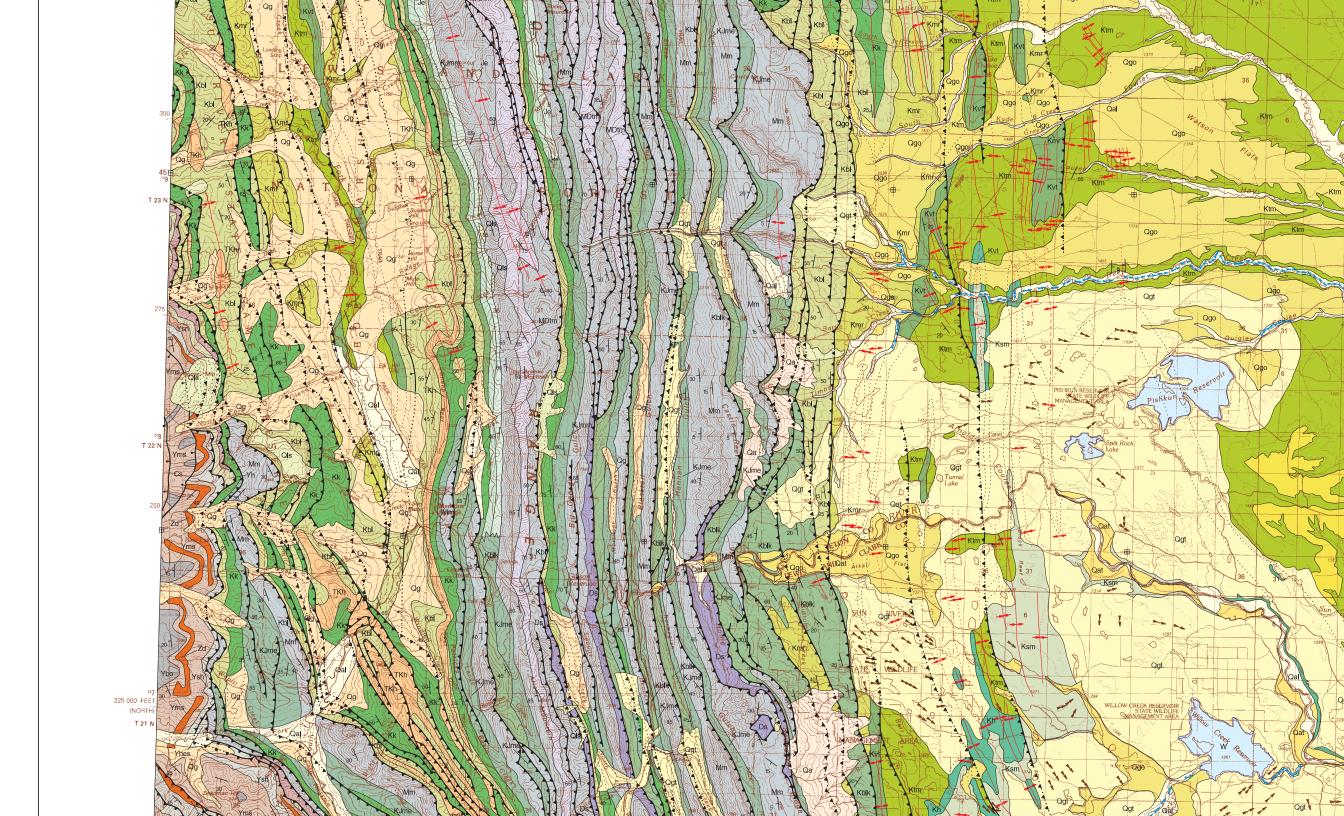
Note— This map was originally published at a scale of 1;100,000 but the page sizes have been modified to fit the average printer capabilities (8½ x 14; legal size paper). There is a an eighth inch overlap on these pages. A full sized colored print of this map can be ordered from the MBMG Publication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

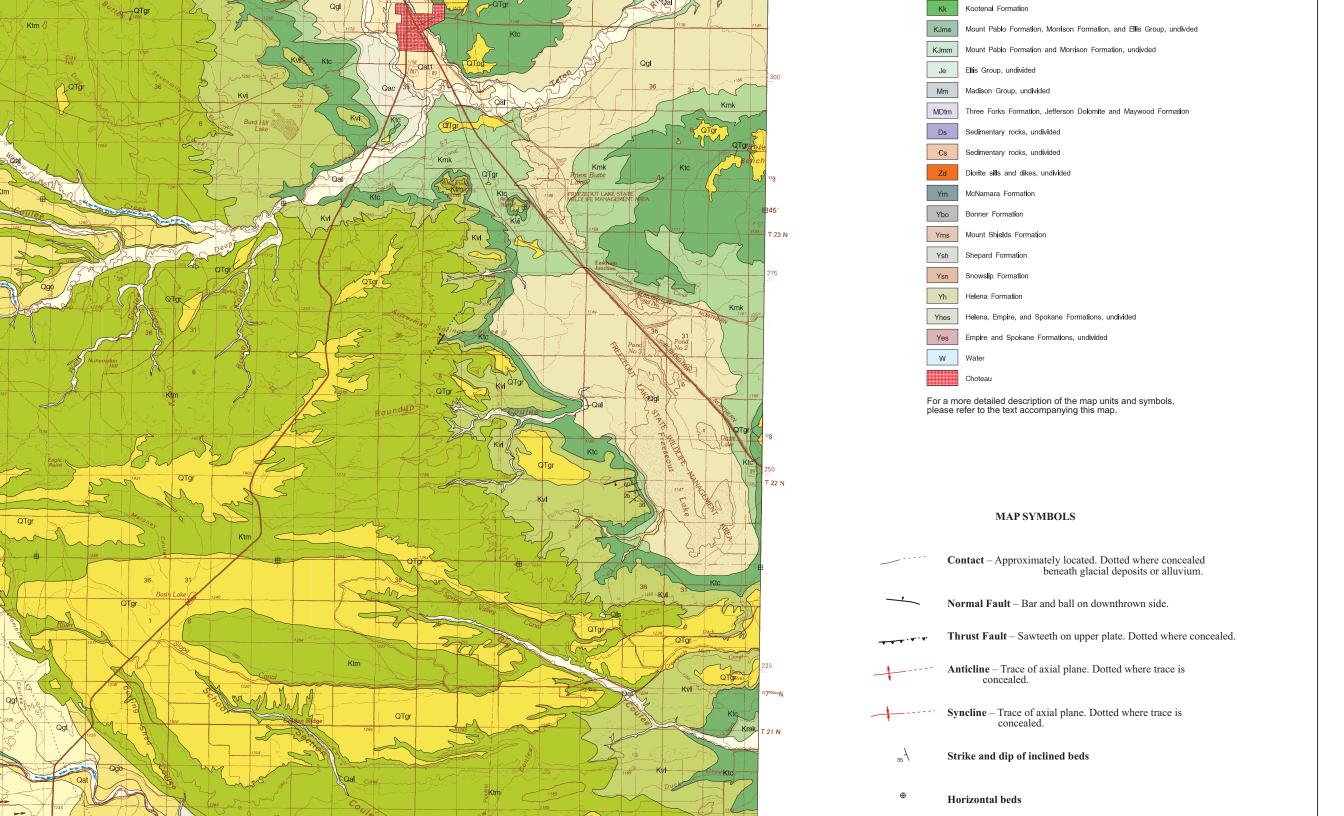
Phone: 406-496-4167 Email: pubsales@mbmg.mtech.edu

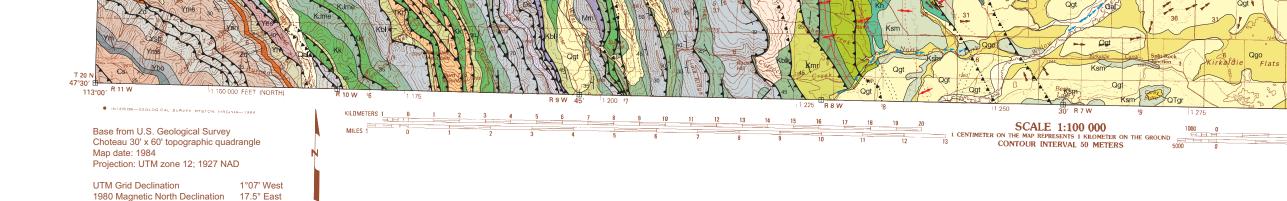
Open File MBMG 571, Plate 1 of 1 Geologic Map of the Choteau 30'x60' Quadrangle

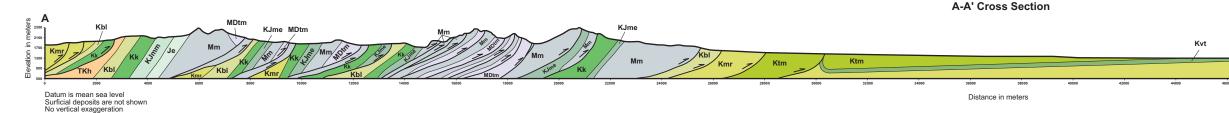












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Cross Section Units

Hypabyssal Intrusive or flows

Ktm Two Medicine Formation

Kvt Virgelle and Telegraph Creek Formations, undivided

Kmr Marias River Formation

Kbl Blackleaf Formation

Kcotenal Formation

Kcotenal Formation, Morrison Formation, and Ellis Group, undivided

KJmm Mount Pablo Formation, and Morrison Formation, undivided

Lelis Group, undivided

Mm Madison Group, undivided

Three Forks Formation, Jefferson Dolomite and Maywood Formation



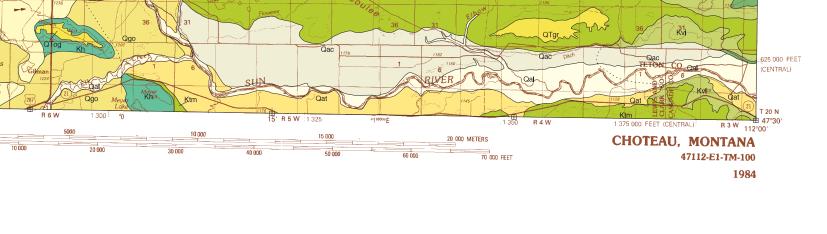
Maps may be obtained from Publications Office Montana Bureau of Mines and Geology 1300 West Park Street, Butte, Montana 59701-8997 Phone: (406) 496-4167 Fax: (406) 496-4451 http://www.mbmg.mtech.edu

7.5' quadrangle index

113°	00'00" 52	30* 4	5' 37	"30"	30' 22	130"	5' 7'	30" 112°	00'00" 48°00'00"
	Porphyry Reef	Mount Wright	Cave Mtn	Twin Lakes	Bynum Reservoir	Bynum	Agawam South	Eyraud Lakes	52'30"
	Gates Park	Our Lakes	Ear Mtn	Lake Theboe	Watson Flats	Teton Buttes	Choteau	Choteau SE	
	Glenn Creek	Arsenic Mountain	Castle Reef	Split Rock Lake	Pishkun Reservoir	Nunemaker Hill	Sevenmile Hill	Freezeout Lake	45'00"
	Pretty Prairie	Patricks Basin	Sawtooth Ridge	Barr Creek	Split Rock Junction	Gilman	Golden Ridge	Lowry	47°30'00"

Research supported by the U.S. Geological Survey, National Cooperative Geologic Mapping contained in this document are those of the authors and should not be interpreted as necessari

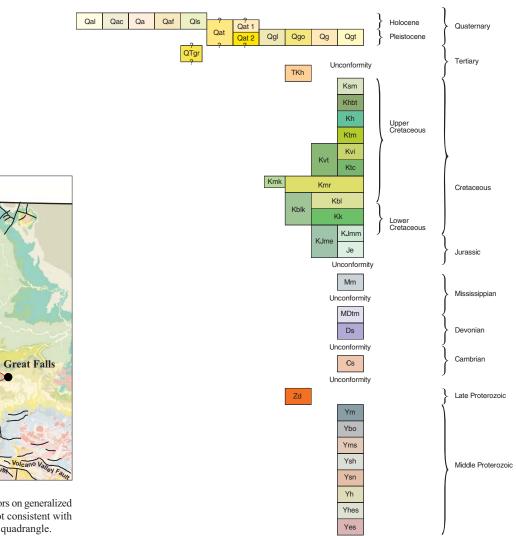
GIS production: Ken Sandau and Paul Thale, MBMG. Map layout: Susan Smith, MBMG



Drumlin and linear features on bedrock attributed to glacial movement

Melt-water channel

Correlation Chart for Choteau 30' x 60' quadrangle





30' x 60' quadrangle index

HUNGRY HORSE RESERVOIR	VALIER	CONRAD
SWAN PEAK	CHOTEAU	GREAT FALLS NORTH
SEELEY LAKE	DEARBORN RIVER	GREAT FALLS SOUTH

oing Program, under USGS award number 07HQAG0080. The views and conclusions sarily representing the official policies, either expressed or implied, of the U.S. Government.

Kmr

Regional faults

Dashed outline is Choteau 30' x 60' quadrangle. Colors on generalized geologic map base (Vuke and others, 2007) are not consistent with those on the 1:100,000-scale map of the Choteau quadrangle.

112°