

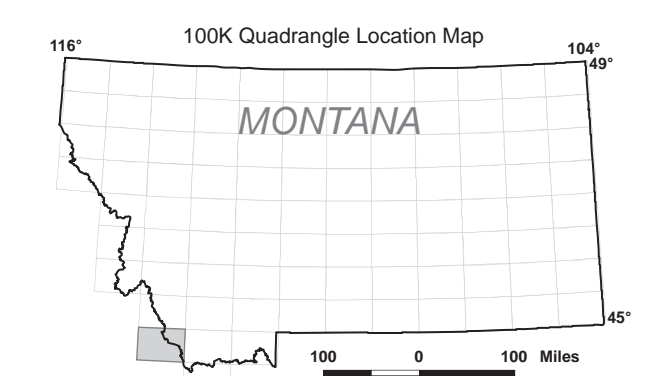
MAP UNITS

- Qal Alluvium of modern channels and flood plains
- Qls Landslide deposit
- Qaf Alluvial fan deposit
- Qg Glacial deposit, undivided
- Qtl_s Sediment, undivided
- Ts Sediment or sedimentary rocks, undivided
- The Hot springs deposit
- Tcv Chalk Volcanics Group
- Tml_v Medicine Lodge Volcanics
- Tqdm Quartz dike and quartz monzonite
- Td Dinwoody Formation
- Pp Phosphoria Formation
- Pt Gradstein Formation
- PMab Snake Canyon and Bluebird Mountain Formations, undivided
- PMs Sedimentary rocks, undivided
- MDJ Three Forks and Jefferson Formations, undivided
- DDCs Sedimentary rocks, undivided
- SCm Saturday Mountain Formation
- SOg Granite
- Os Sedimentary rocks, undivided
- Ok Kinkaid Quartzite
- Yaw Swaugar Formation
- Yms Mount Shields Formation
- Yl Lemhi Group
- Ygs Gunsight Formation of Lemhi Group
- Ybc Big Creek Formation of Lemhi Group
- Yy Yellowjacket Formation
- Adfg Quartzofeldspathic gneiss

For a more detailed description of the map units and symbols, please refer to the text accompanying this map.

MAP SYMBOLS

- Contact: dotted where concealed
- Fault: ball and bar on downthrown side; dotted where concealed
- Strike-slip fault: arrows indicate direction of relative lateral movement; dotted where concealed
- Thrust fault: sawtooth on upper plate; dotted where concealed
- Anticlinal fold showing trace of axial plane; dotted where concealed
- Synclinal fold showing trace of axial plane; dotted where concealed
- Overturned synclinal fold showing trace of axial plane



30' x 60' Quadrangle index

BIGHORN CANYON	SALMON	GILLOV
CHALLIS	LEADORE	LIMA (INBAG 308)
WHITE CLOUD PEAKS	BORAH PEAK	DUBOIS (INBAG 400)

Base from U.S. Geological Survey
 Leadore 30' x 60' topographic quadrangle
 Map date: 1980
 Projection: UTM zone 12; 1927 NAD
 UTM grid declination 1°46' West
 1980 Magnetic North Declination 18° East

Montana Bureau of Mines and Geology
 Open File 372

**Geologic Map of the Eastern Part of the
 Leadore 30' x 60' Quadrangle
 Montana and Idaho**

Edward T. Ruppel

1998 (Revised 2014)

Revised	Date
Text	1999
Map and text	2014

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Maps may be obtained from:
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