

Montana Bureau of Mines and Geology
Open File No. 308

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

Karen W. Porter and Edith M. Wilde

1999

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

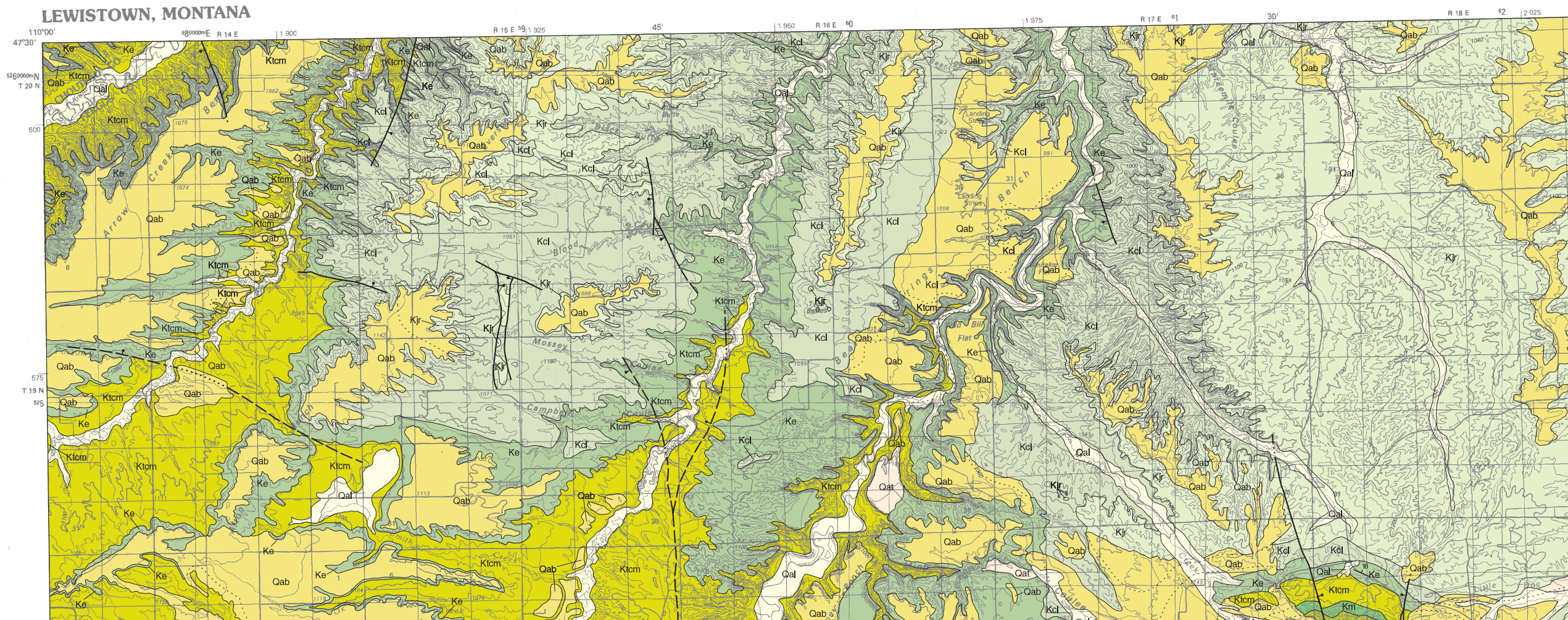
For the text files with the map information, [click here](#).

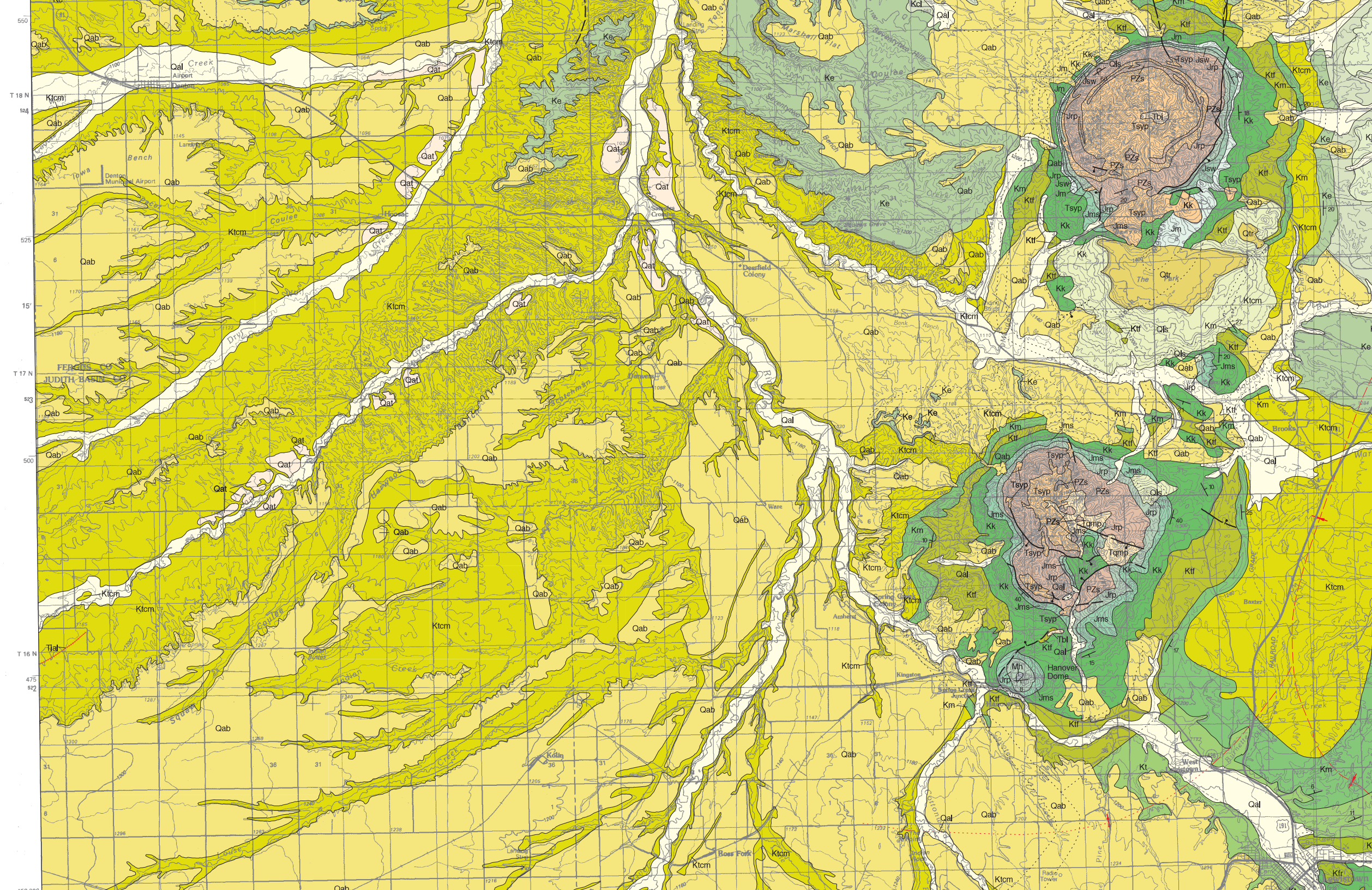
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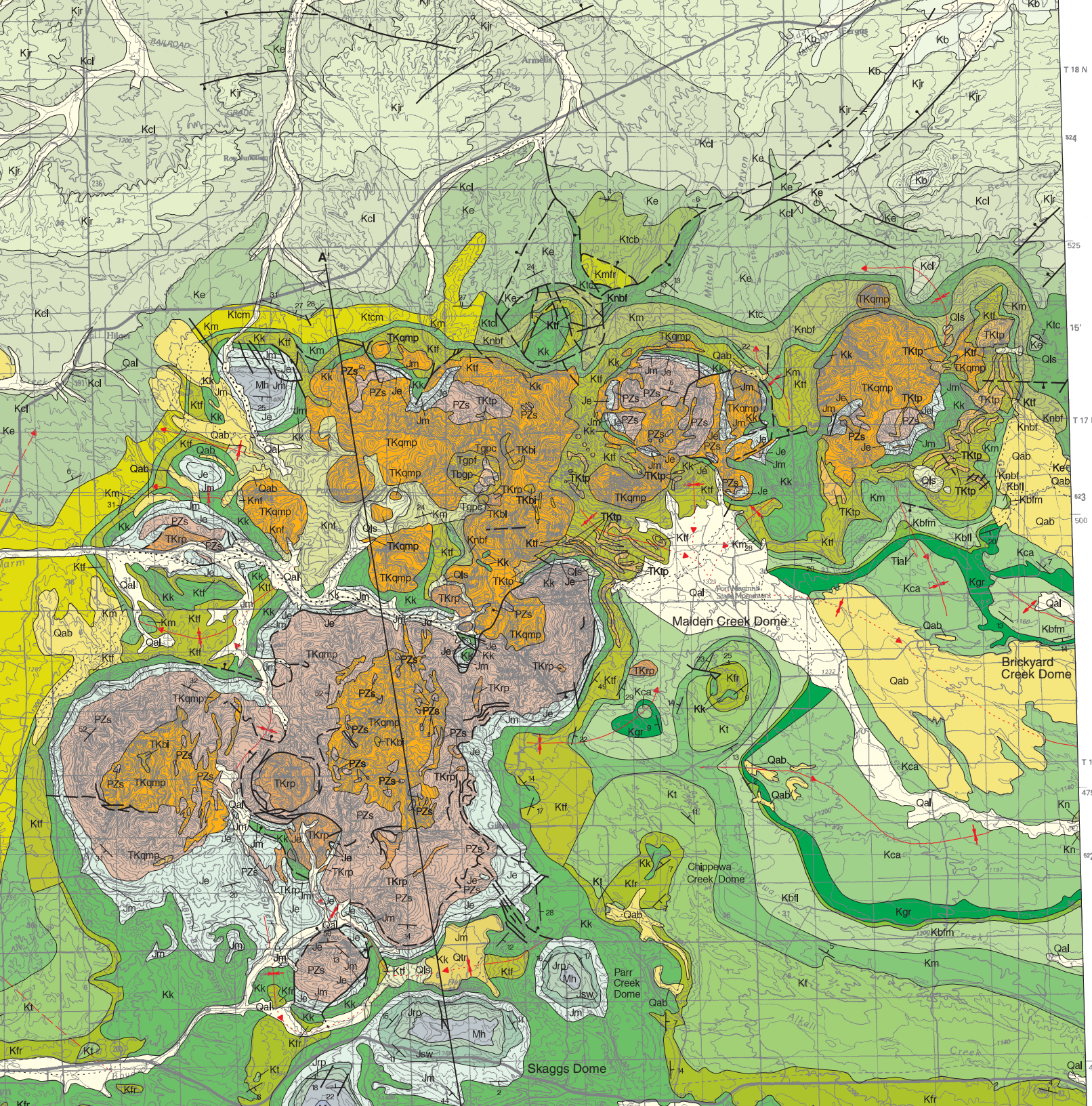
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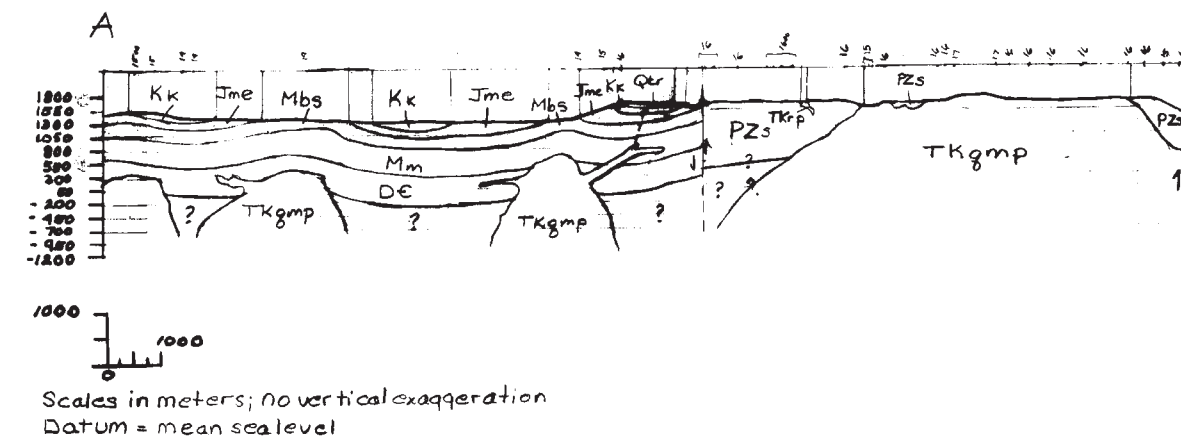
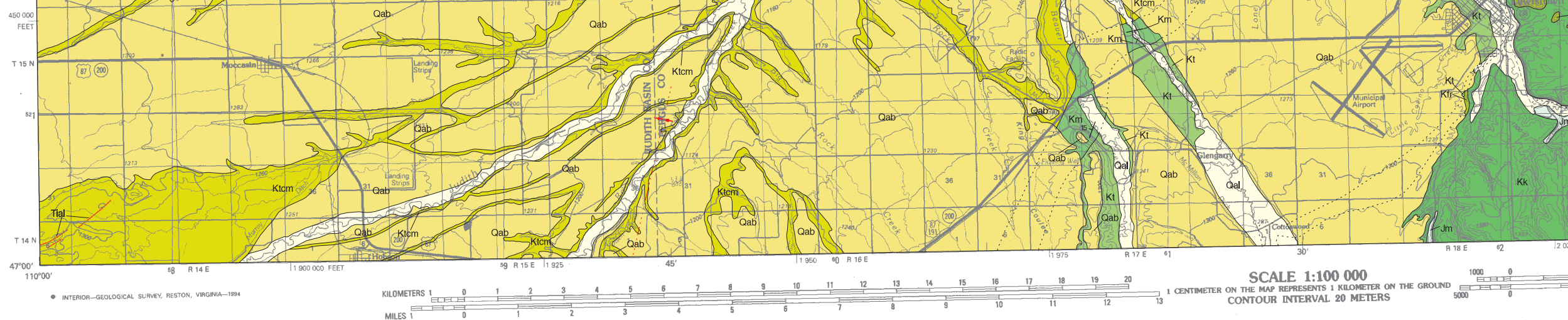




- Ktc Telegraph Creek Formation
- Ktcm Telegraph Creek Formation and Marlas River Formation, undivided
- Ktcb Telegraph Creek Formation through Belle Fourche Formation, undivided
- Kn Niobrara Formation
- Knbf Niobrara Formation through Belle Fourche Formation, undivided
- Knf Niobrara Formation through Fall River Formation, undivided
- Kca Carille Formation
- Kgr Greenhorn Formation
- Kbfl Lower member of Belle Fourche Shale, informal
- Kbfm Mosby Sandstone Member of Belle Fourche Shale
- Km Mowry Shale
- Kmfr Mowry Formation through Fall River Formation, undivided
- Kt Thermopolls Formation
- Ktf Thermopolls Formation and Fall River Formation, undivided
- Kfr Fall River Formation
- Kk Kootenai Formation
- Jm Morrison Formation
- Jms Morrison Formation and Swift Formation, undivided
- Je Ellis Group, undivided
- Jsw Swift Formation
- Jrp Rierdon Formation and Piper Formation, undivided
- PZs Paleozoic Sedimentary rocks, undivided
- Mh Heath Formation
- Mo Otter Formation

Tial / Alkalic intrusive rocks





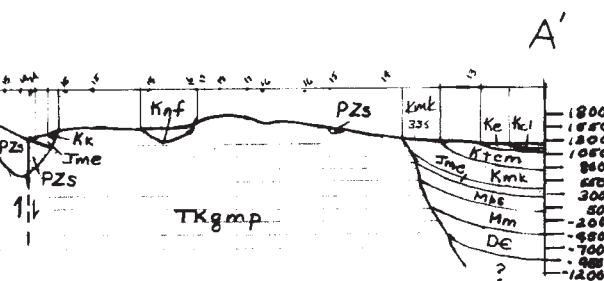
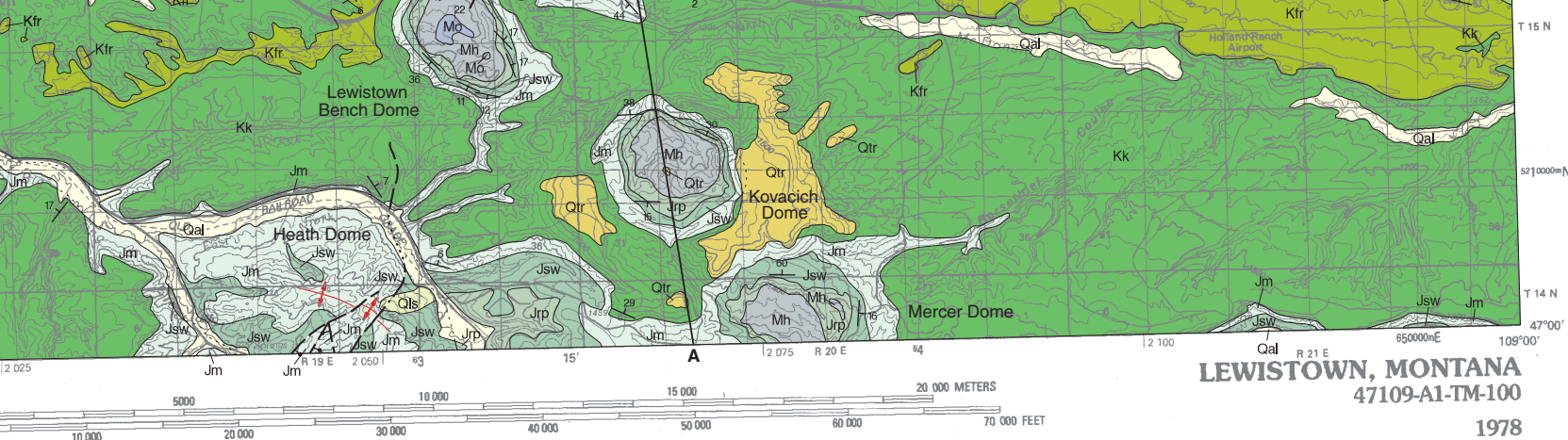
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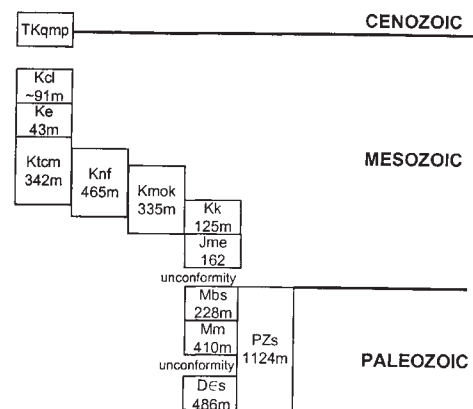
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CROSS SECTION A-A' FOR GEOLOGIC MAP

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AGE CORRELATION AND UNIT THICKNESSES, CROSS SECTION ONLY
(Thickness data from Goddard, 1988)

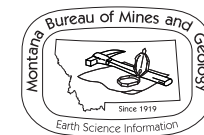


(See text for discussion of units combined in these cross section units)

- TKgmp Quartz monzonite porphyry
- Kcl Claggett Shale
- Ke Eagle Sandstone
- Ktem Telegraph Creek Formation through Marias River Formation, undivided
- Kmc Niobrara Formation through Fall River Formation, undivided
- Kmk Mowry Shale through Kootenai Formation, undivided
- Kk Kootenai Formation
- Jme Morrison Formation through Ellis Group (Piper, Rierdon, and Heath formations),
- PZs Paleozoic sedimentary rocks, undivided
- Mbs Big Snowy Group (Kibby, Otter, and Heath formations)
- Mm Madison Group
- DEs Devonian through Cambrian sedimentary rocks, undivided

MAP OF THE LEWISTOWN 30' x 60' QUADRANGLE

Edith M. Wilde



Maps may be obtained from
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Montana Bureau of Mines and Geology
1300 West Park Street, Butte, Montana 59701-8997
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