

Montana Bureau of Mines and Geology
Open File No. 429

Geologic Map of the Powderville 30' x 60'
Quadrangle, Eastern Montana

Compiled and mapped by S.M. Vuke, R.L. Heffern
R.N. Bergantino and R.B. Colton

2001

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

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

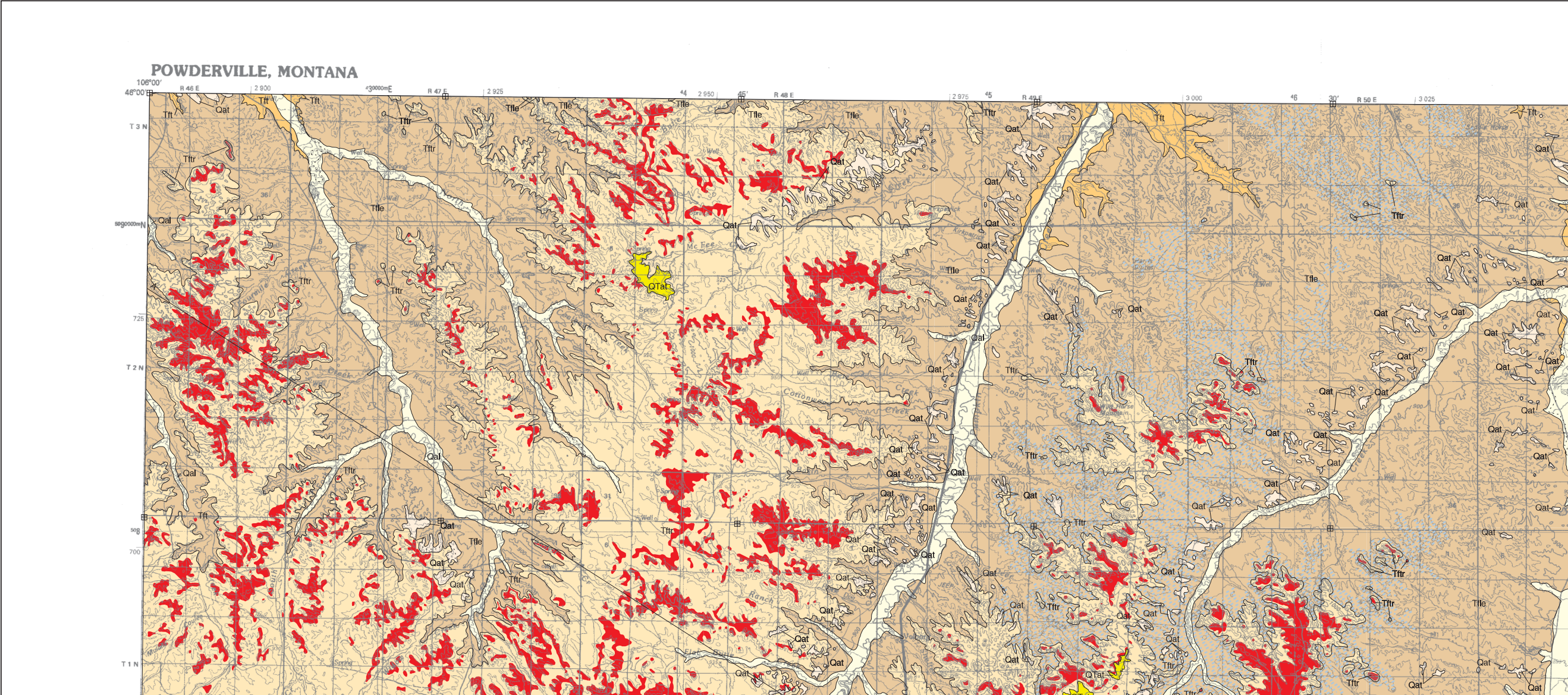
[Digital data link](#)

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.**

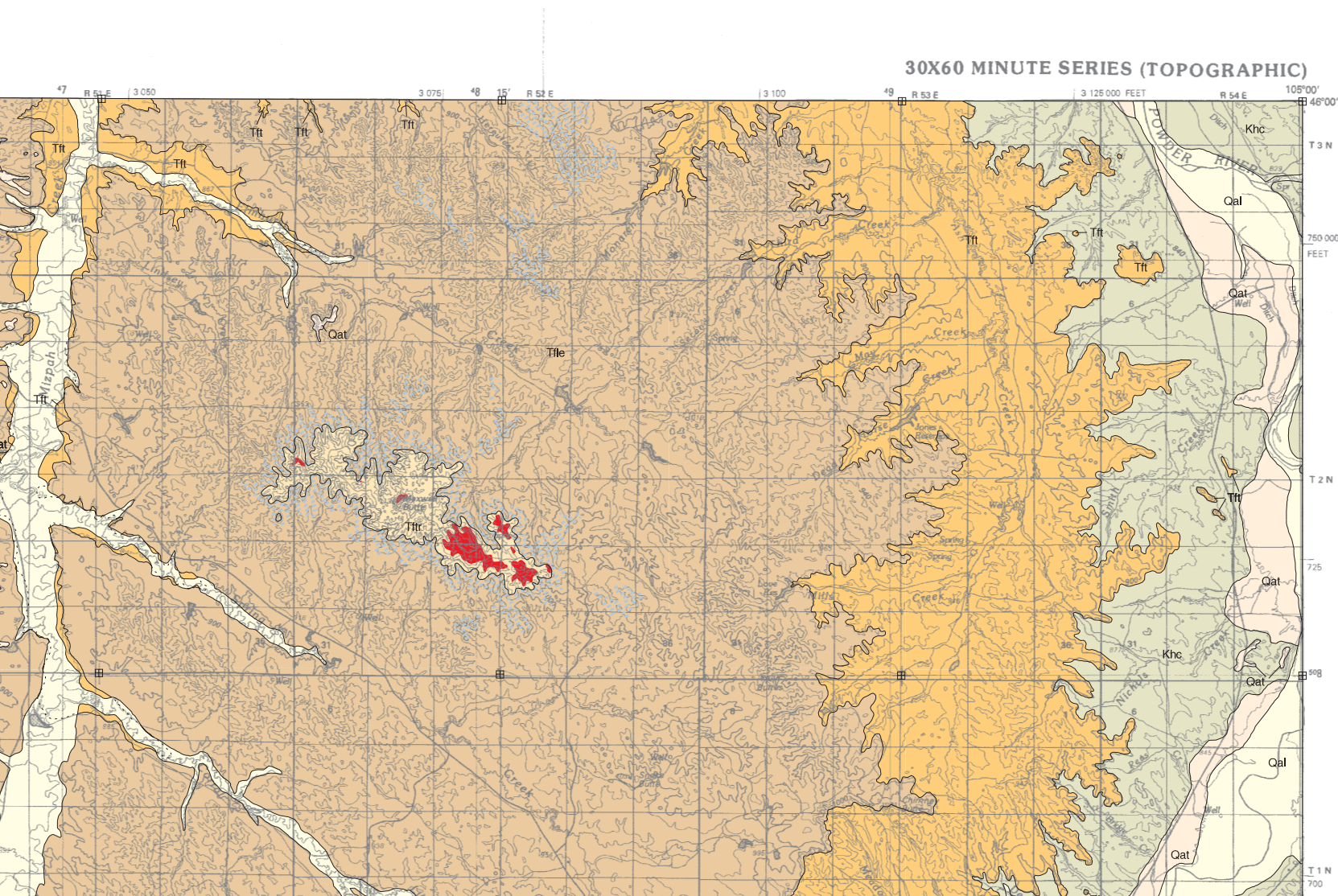
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Geologic Map, Powderville 30'x60' Quadrangle



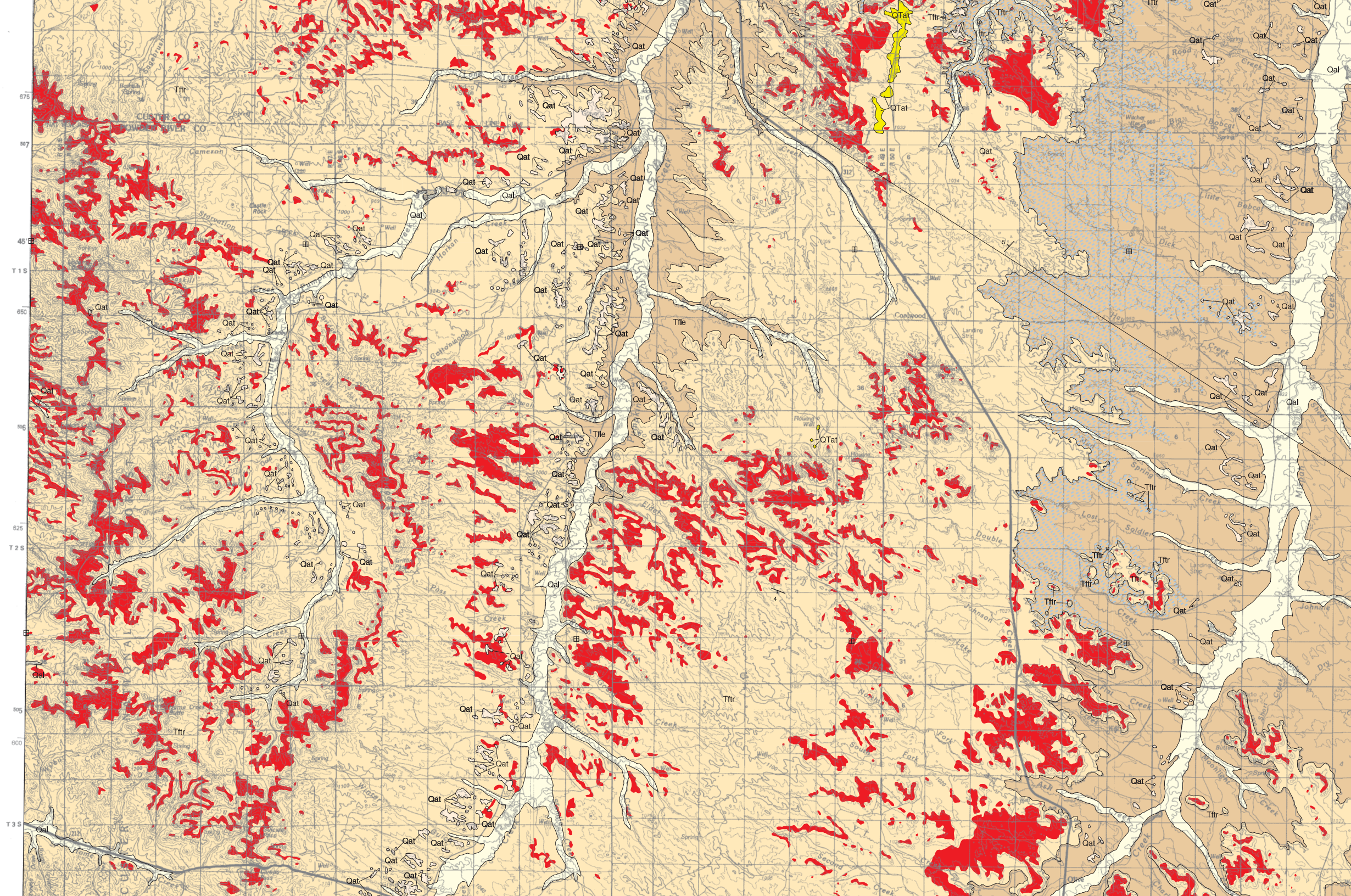
MONTANA BUREAU OF MINES AND GEOLOGY
A Department of Montana Tech of The University of Montana

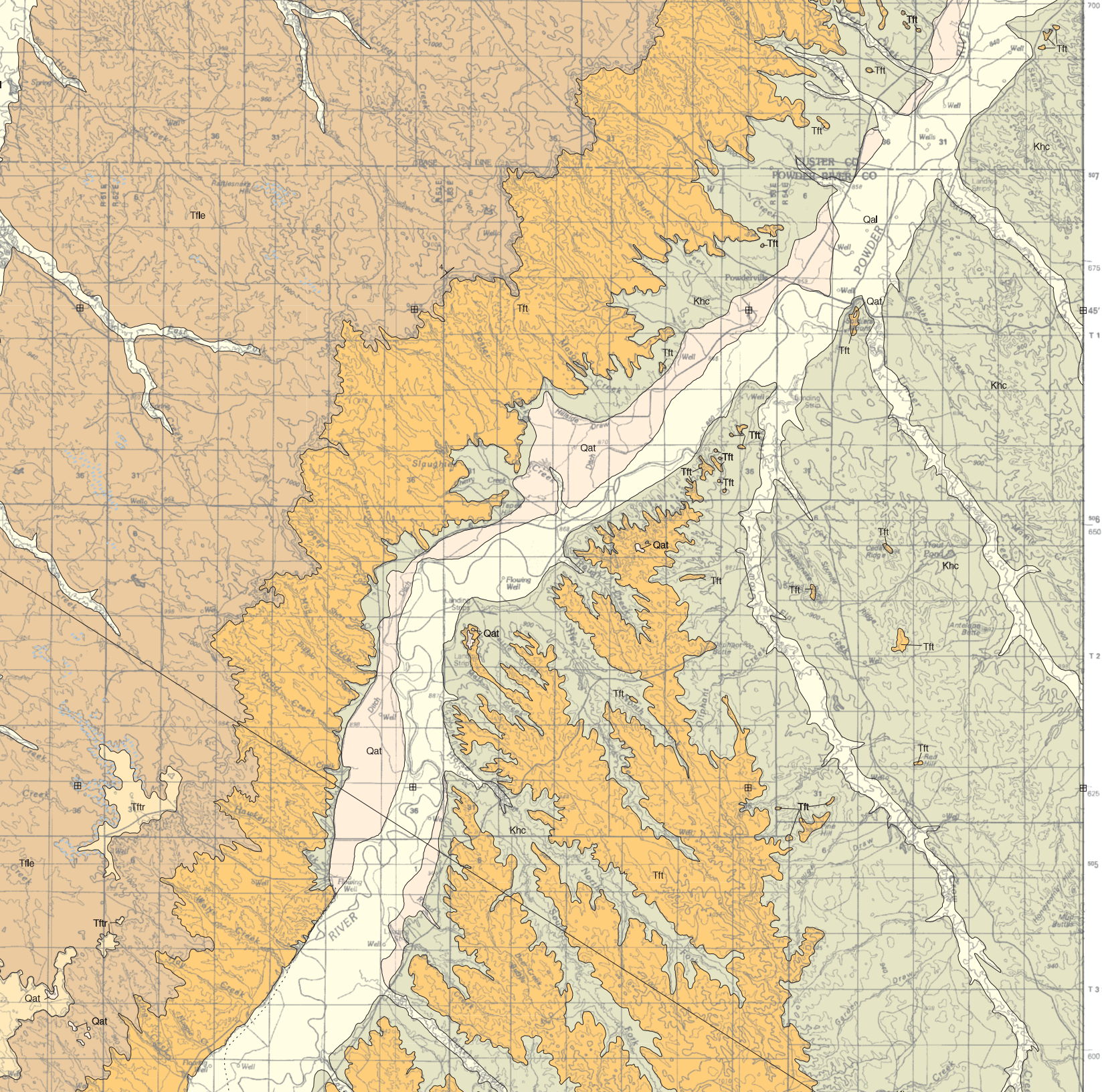


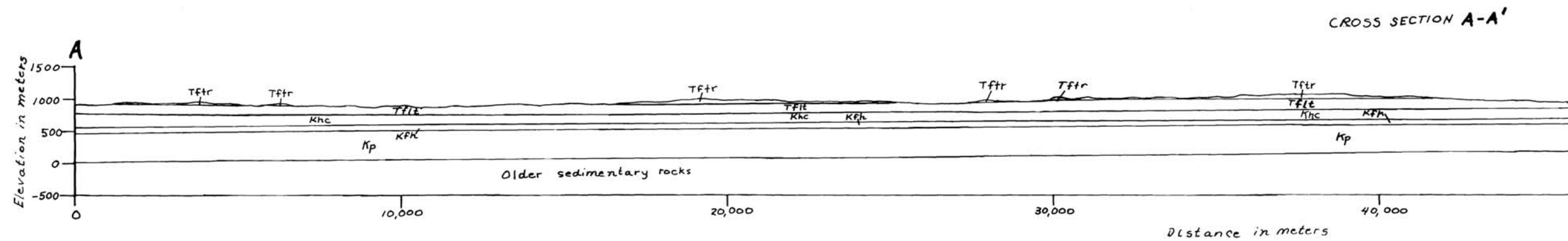
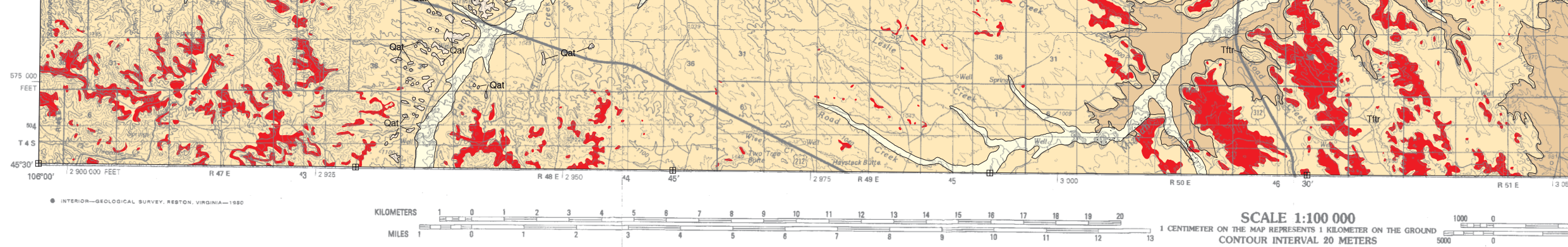
MAP UNITS

Qal	Alluvium of modern channels and flood plains
Qat	Alluvium of alluvial terrace deposit
QTat	Alluvium of alluvial terrace deposit
QTcl	Clinker
Tlfr	Tongue River Member of Fort Union Formation
Tlle	Lebo Member of Fort Union Formation
Tlt	Tullock Member of Fort Union Formation
Khc	Hell Creek Formation

 Paleosol interval







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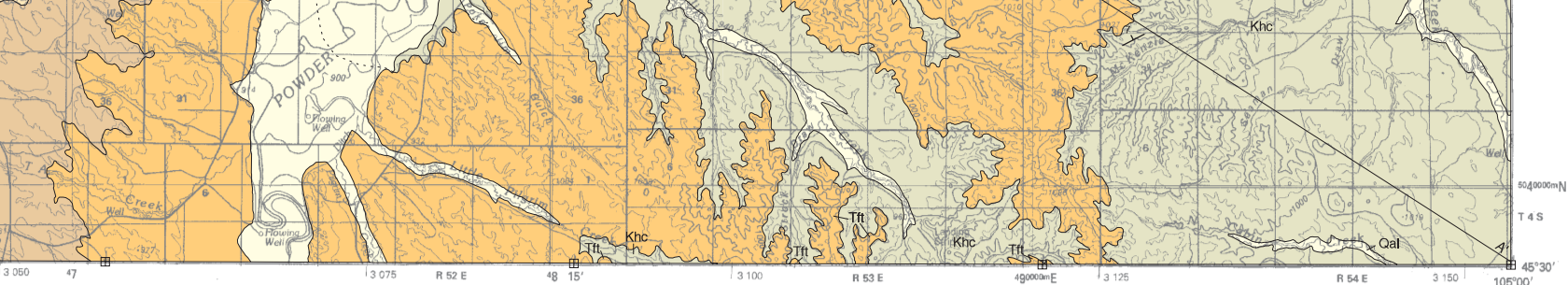
Geologic Map of the Powderville 30' x 60' Quadrangle, Eastern Montana

Compiled and mapped by Susan M. Vuke, Edward L. Heffern,
Robert N. Bergantino, and Roger B. Colton

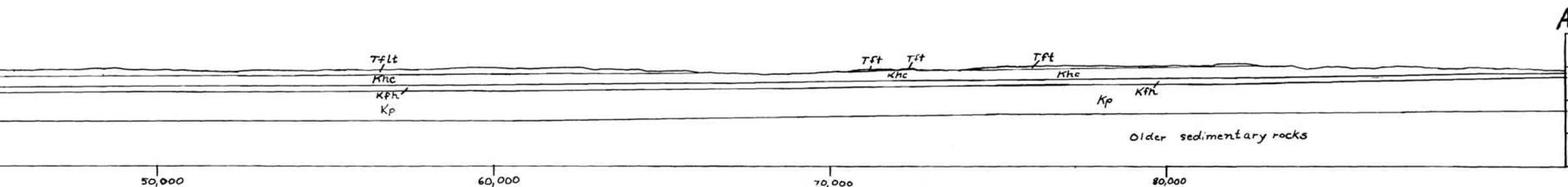
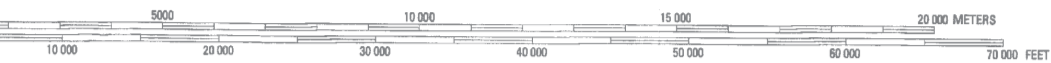
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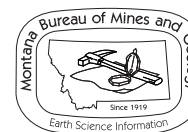


POWDERVILLE, MONTANA
N4530-W10500/30x60
1980



Datum: mean sea level
 Vertical exaggeration: 2x
 Surficial deposits not shown

Explanation
 Tftt **PORT UNION FORMATION**
 Tftt Tongue River Member
 Tftt Le66 & Tullock Members, undivided
 Tft Tullock Member
 Khc **HELL CREEK FORMATION**
 Kfh **FOX HILLS FORMATION**
 Kp **PIERRE SHALE**



Maps may be obtained from
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 Phone: (406) 496-4167 Fax: (406) 496-4451
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G. Map layout: Susan Smith, MBMG.