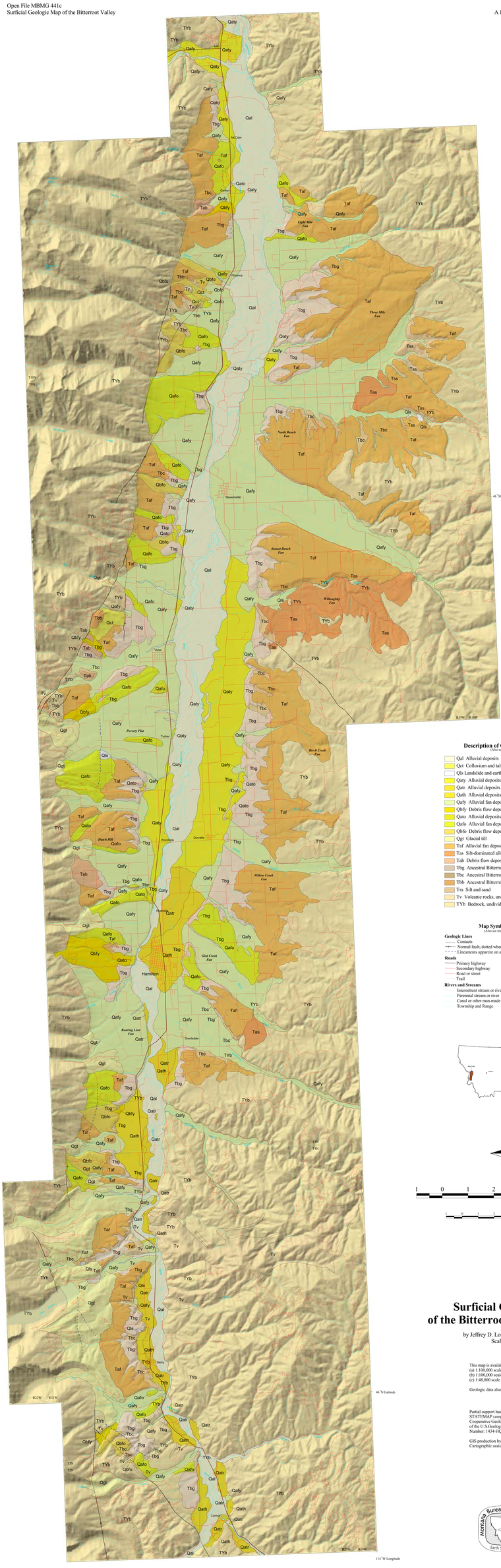
MONTANA BUREAU OF MINES AND GEOLOGY
A Department of Montana Tech of The University of Montana



Description of Geologic Units

(Also see text)

- Qal Alluvial deposits
- Qct Colluvium and talus deposits
- Qls Landslide and earthflow deposits
- Qaty Alluvial deposits of younger terraces, undivided
- Qatr Alluvial deposits of the Riverside Terrace
- Qath Alluvial deposits of the Hamilton Terrace
- Qafy Alluvial fan deposits, younger
- Qbfy Debris flow deposits, younger
- Qato Alluvial deposits of older terraces
- Qafo Alluvial fan deposits, older
- Qbfo Debris flow deposits, older
- Qgt Glacial till
- Taf Alluvial fan deposits
- Tas Silt-dominated alluvial fan deposits
- Tab Debris flow deposits
- Tbg Ancestral Bitterroot River gravel
- Tbc Ancestral Bitterroot River clay
- Tbb Ancestral Bitterroot River boulder gravel
- Tss Silt and sand
- Tv Volcanic rocks, undivided
- TYb Bedrock, undivided

Map Symbols

(Also see text)

Geologic Lines

- Contacts
- Normal fault; dotted where concealed; ball and bar on downthrown side
- Lineaments apparent on aerial photos

Roads

- Primary highway
- Secondary highway
- Road or street
- Trail

Rivers and Streams

- Intermittent stream or river
- Perennial stream or river
- Canal or other man-made water feature
- Township and Range

1 0 1 2 3 4 5 Miles

1 0 1 2 3 4 5 Kilometers

Surficial Geologic Map of the Bitterroot Valley, Montana

by Jeffrey D. Lonn and James W. Sears

Scale 1:48,000

2001

This map is available in three forms:
(a) 1:100,000 scale geologic data on topographic base with 50-meter contours;
(b) 1:100,000 scale geologic data with shaded relief; no elevation control;
(c) 1:48,000 scale geologic data with shaded relief; no elevation control.

Geologic data also available electronically.

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