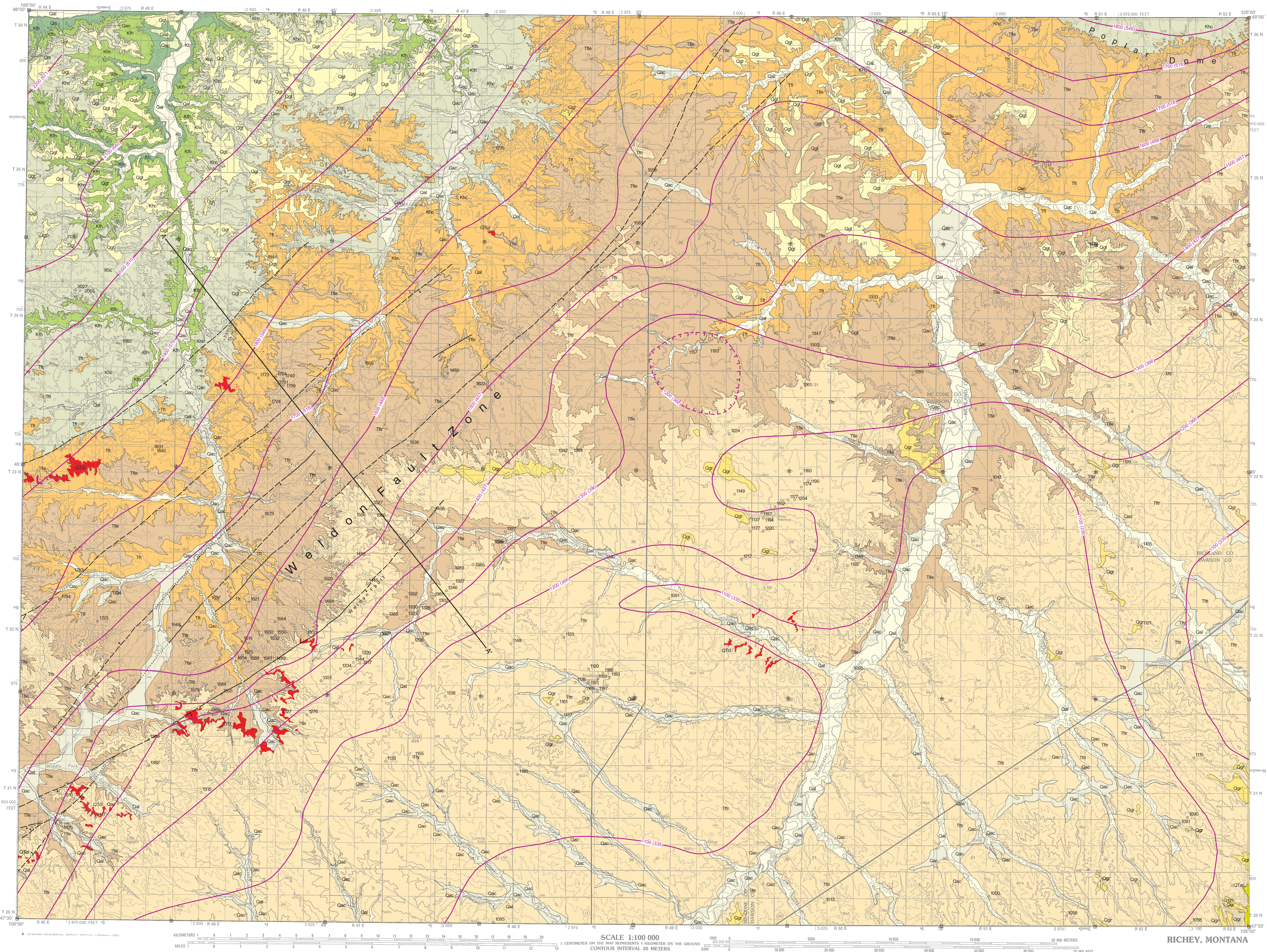
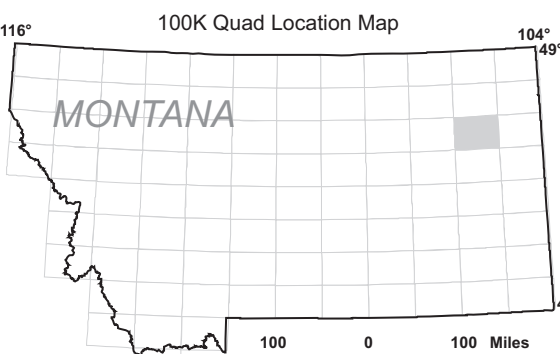




MAP UNITS

Qal	Alluvium of modern channels and flood plains
Qac	Alluvium-colluvium
Qao	Alluvium, older, undiked
Qls	Landslide deposit
Qgr	Gravel
Qgl	Clacial till
Qcl	Clay
Qta	Alluvium of alluvial terrace deposit
Ttr	Tongue River Member of Fort Union Formation
Tls	Lebo Member of Fort Union Formation
Tt	Tubock Member of Fort Union Formation
Khc	Hall Creek Formation
Kh	Fox Hills Formation
Kb	Bearpaw Shale



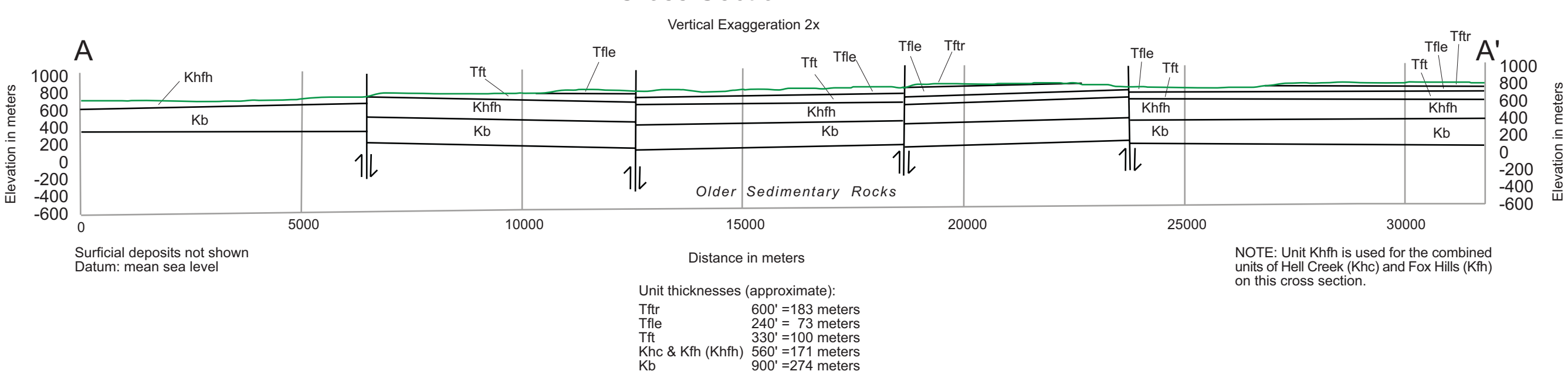
Quad index

GLASGOW	WOLF POINT	CLASBERRY
FORT PECK LAKE EAST	RICHEY	SIDNEY
JORDAN	ORFELD	GLENDENE

Map Symbols

- Contact. Dotted where concealed.
- Normal fault. Dashed where approximately located; dotted where concealed; ball and bar on downthrown side
- Well location and elevation of top of Pierre (Bearpaw) Shale; elevation in feet above mean sea level
Note: Well log elevation data in feet. To convert to meters divide by 3.28.
- Structure contour on top of Pierre (Bearpaw) Shale; contour interval 100 feet (30.5 meters).
Datum: mean sea level
- Outline of interpreted structural depression on top of Pierre (Bearpaw) Shale

Cross Section A-A'



Montana Bureau of Mines and Geology
Open File No. 475

Geologic and Structure Contour Map
of the Richey 30' x 60' Quadrangle
Eastern Montana

Edith M. Wilde and Larry N. Smith

2003

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Maps may be obtained from
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