PRELIMINARY SURFICIAL GEOLOGY OF THE
WICHITA EAST QUADRANGLE, SEDGWICK COUNTY, KANSAS
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Cartographic assistance by Emily G. Bush

EXPLANATION

Sampled unit color code:

- Dark Yellow - Carbonate

- Red - Alluvial

- Blue - Loess

- Green - Lacustrine sediment

- Brown - Parent material

- Gray - Organics

- Light Yellow - Surficial bedrock

- Orange - Weathered bedrock

- Black - Obsidian

- White - Unmapped

- Purple - Water body

- Gray - Water body

- Light Gray - Road

- Black - Shaded Relief

- Green - Hydrography

- Orange - Topography

- Blue - Index map

- Purple - Observed contact

SUGGESTED REFERENCE TO THE MAP


This geologic map was produced as part of the United States Geological Survey (USGS) National Cooperative Geologic Mapping Program, award number 03-GHS00011.

On the map: No northing or easting values are provided. This map is best viewed using the U.S. Geological Survey’s 1:24,000-scale quadrangle series as a background.

The digital data are designed for electronic display and print production. This map is intended for use by students, geologists, and the general public. The Kansas Geological Survey does not warrant the use of this map for any purpose, including legal use, without the express permission of the Kansas Geological Survey.

The topographic contours shown on the map are based on 1-foot contours from the Kansas GIS database created by the Kansas Geological Survey. The official elevations were adjusted by subtracting 8 feet from the elevations to accommodate expected changes in the regional elevation due to tectonic subsidence that has occurred since the creation of the Kansas GIS database. The adjusted contours were then used to produce the surficial geologic map. The Kansas Geological Survey is not responsible for the accuracy of the topographic data used to produce the contour lines shown on this map.

The surficial geologic map unit data were generated using the ArcGIS software program. The surficial geologic map unit attribute data were compiled from the Kansas Geological Survey’s surficial geologic database. The surficial geologic maps were compiled in accordance with the guidelines of the USGS National Cooperative Geologic Mapping Program. This map is intended for use by students, geologists, and the general public.

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