



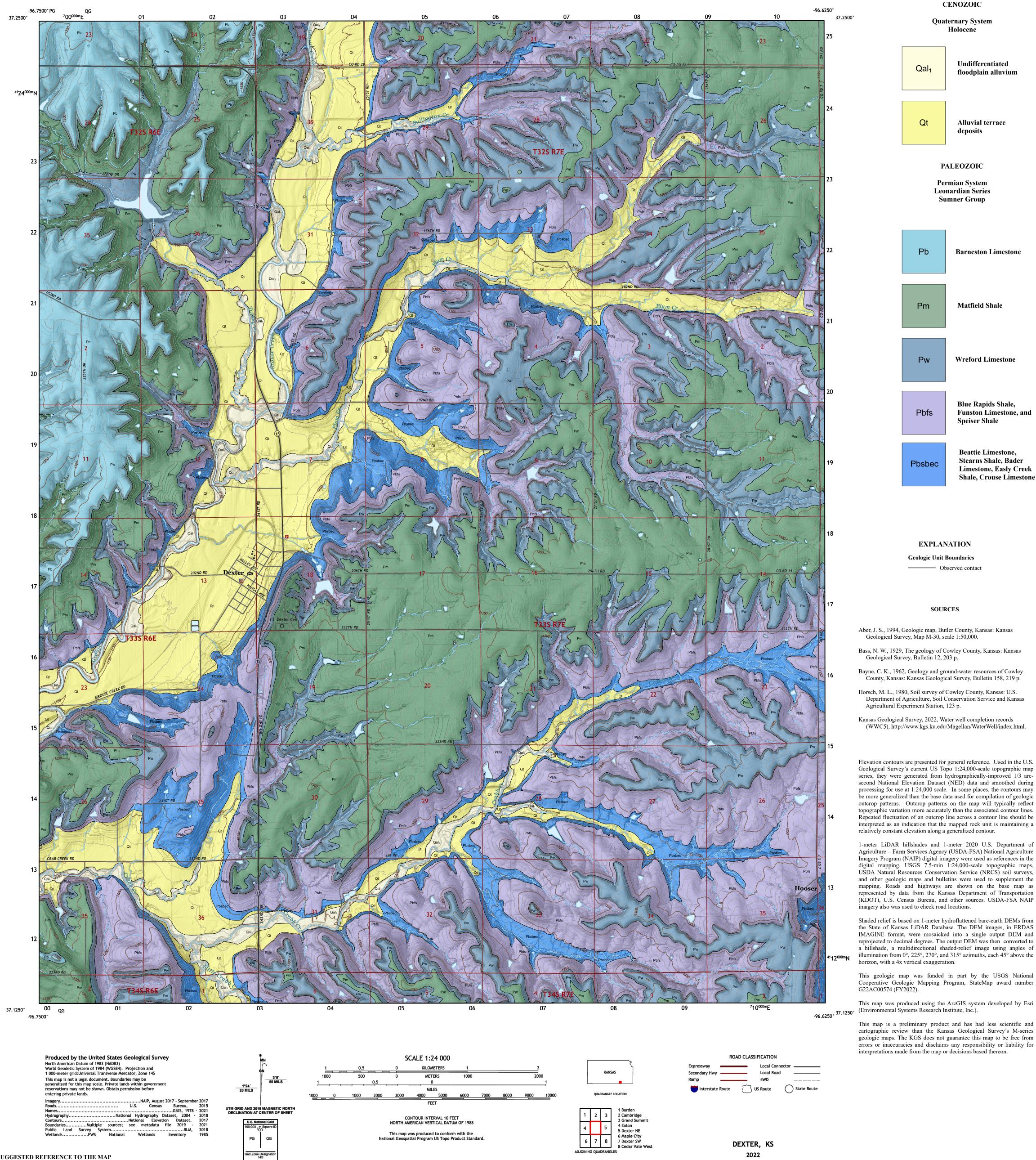
2023

Computer compilation and cartography by Kolbe D. Andrzejewski

The National Map US Topo



U.S. DEPARTMENT OF THE INTERIOR U.S. GEOLOGICAL SURVEY



Shaded relief is based on 1-meter hydroflattened bare-earth DEMs from the State of Kansas LiDAR Database. The DEM images, in ERDAS IMAGINE format, were mosaicked into a single output DEM and reprojected to decimal degrees. The output DEM was then converted to a hillshade, a multidirectional shaded-relief image using angles of illumination from 0°, 225°, 270°, and 315° azimuths, each 45° above the

KANSAS GEOLOGICAL

The University of Kansas

SURVEY

Open-File Report 2023-33

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Geologic Mapping Program

GEOLOGIC UNITS

DEXTER QUADRANGLE

KANSAS - COWLEY COUNTY

7.5-MINUTE SERIES

This geologic map was funded in part by the USGS National Cooperative Geologic Mapping Program, StateMap award number

This map was produced using the ArcGIS system developed by Esri

This map is a preliminary product and has had less scientific and cartographic review than the Kansas Geological Survey's M-series geologic maps. The KGS does not guarantee this map to be free from errors or inaccuracies and disclaims any responsibility or liability for interpretations made from the map or decisions based thereon.

SUGGESTED REFERENCE TO THE MAP

Peterson, A.E., 2023, Preliminary surficial geology of the Dexter quadrangle, Cowley County, Kansas: Kansas Geological Survey, Open-File Report 2023-33, scale 1:24,000, unpublished.