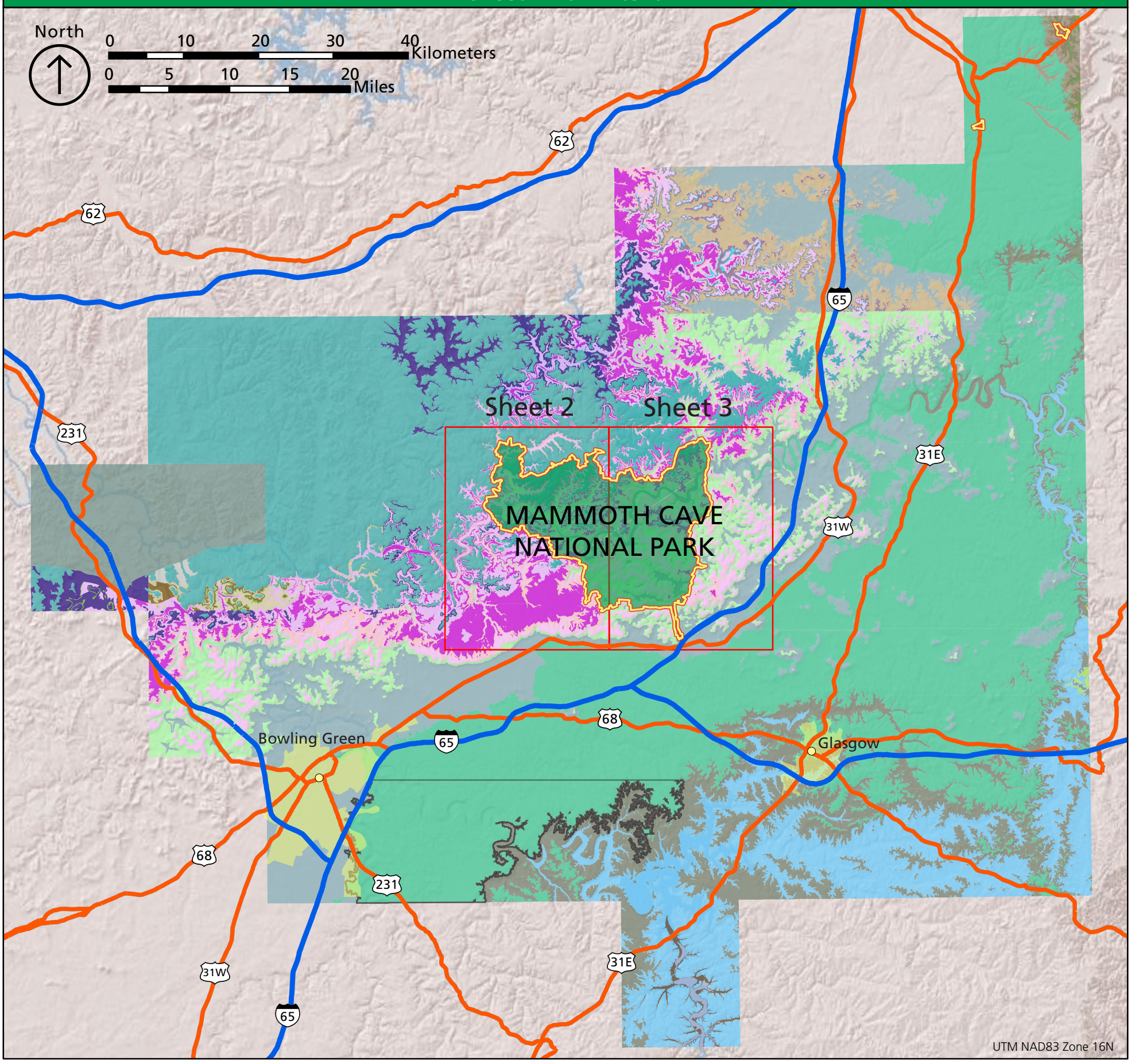
Overview of Digital Geologic Data for Mammoth Cave National Park

Sheet 1: Full Extent



NPS Boundary

Faults

- normal fault, approximate, D is downthrown side
- normal fault, concealed D is downthrown side

Surficial Contacts

- approximate
- concealed

Geologic Contacts

- approximate
- concealed
- inferred
- quadrangle boundary
- subaqueous (inferred)

Surficial Units

- Qaf - Artificial fill
- Qal - Alluvium
- QTg - Terrace gravels

Geologic Units

- PNtc - Tradewater and Caseyville Formations
- PNca - Caseyville Formation
- Ml - Leitchfield Formation
- Mv - Vienna Limestone
- Mts - Tar Springs Sandstone
- Mgd - Glen Dean Limestone
- Mh - Hardinsburg Sandstone
- Mgh - Haney Limestone Member, Golconda Formation
- Mgb - Big Clifty Sandstone Member, Golconda Formation
- Mg - Girkin Limestone
- Msg - Ste. Genevieve Limestone
- Msl - St. Louis Limestone

This figure was prepared as part of the NPS Geologic Resources Division's Geologic Resources Inventory. It is an overview of compiled digital geologic data, and not a substitute for site-specific investigations.

Minor inaccuracies may exist regarding the location of geologic features relative to other geologic or geographic features on the figure. Based on the source map scales (1:24,000 and 1:100,000) and U.S. National Map Accuracy Standards, geologic features represented here are within 12 meters / 40 feet (24k), 50 meters / 166 feet (100k) (horizontally) of their true location.

The source maps used in creation of the digital geologic data product include digital Kentucky Geological Survey publications (including some unpublished sources) and paper U.S. Geological Survey Publications (see literature cited section for specific sources).