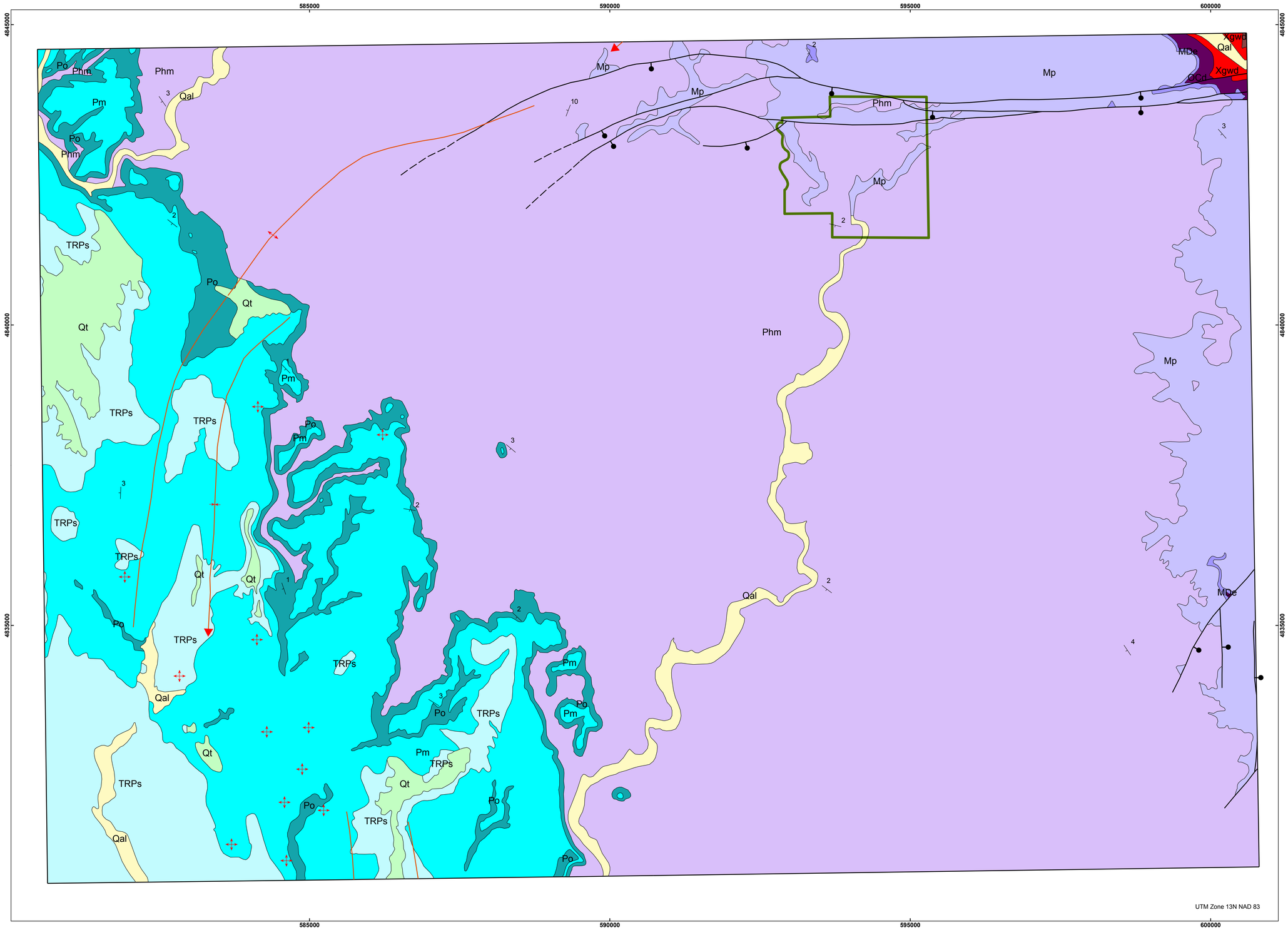
Jewel Cave National Monument
South Dakota

National Park Service
U.S. Department of the Interior

Geologic Map of Jewel Cave National Monument



NPS Boundary

Geologic Attitude Observation Localities

- strike and dip of beds
- fold plunge arrow head
- fault down-thrown block indicator
- anticline
- syncline
- dome

Folds

- know or certain
- approximate

Normal Faults

- known or certain
- approximate

Geologic Contacts

- known or certain
- quadrangle boundary

Geologic Units

- Qal - Alluvial deposits
- Qt - Terrace gravel and alluvial-fan deposits
- TRPs - Spearfish Formation
- Pm - Minnekahta Limestone
- Po - Opeche Shale
- Phm - Minnelusa Formation
- Mp - Pahasapa Limestone
- MDe - Englewood Limestone
- Oed - Deadwood Formation
- Xgb - Metagabbro
- Xgwd - Distal metagraywacke

N

0 1 2 4 6 Kilometers

0 1 2 3 4 Miles

This map graphically presents digital geologic data prepared as part of the NPS Geologic Resources Division's Geologic Resources Inventory. The source map used in creation of the digital geologic data product was:

DeWitt, Ed. 2004. Geologic map of the Mount Rushmore and Rapid City 60' x 60' Quadrangle, South Dakota. Scale 1:100,000. USGS unpublished mylar maps.

Digital geologic data and cross sections for Jewel Cave National Monument, and all other digital geologic data prepared as part of the Geologic Resources Inventory, are available online at the NPS Data Store: http://science.nature.nps.gov/nrdata/

Produced by the Geologic Resources Inventory

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