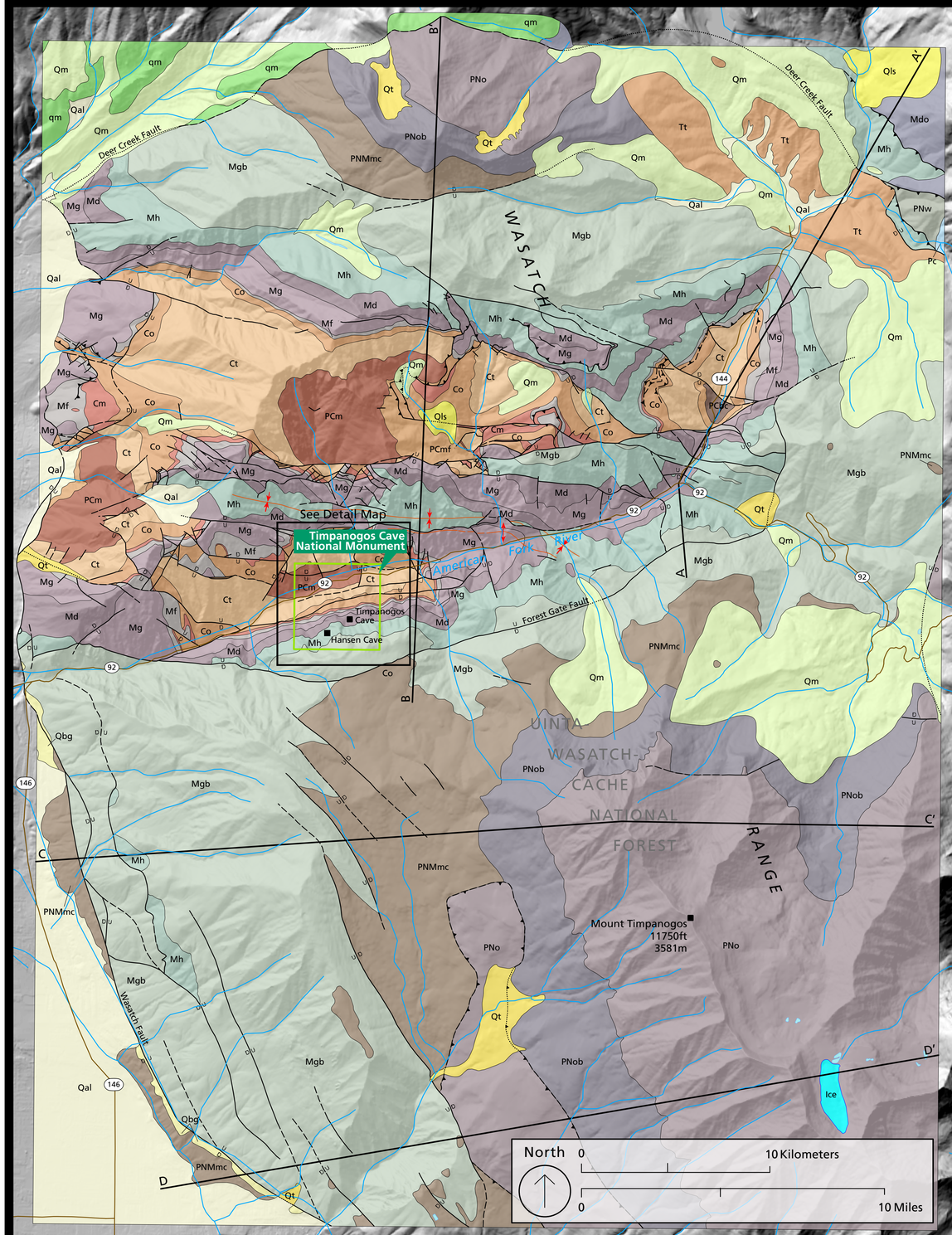
Geologic Map of Timpanogos Cave National Monument

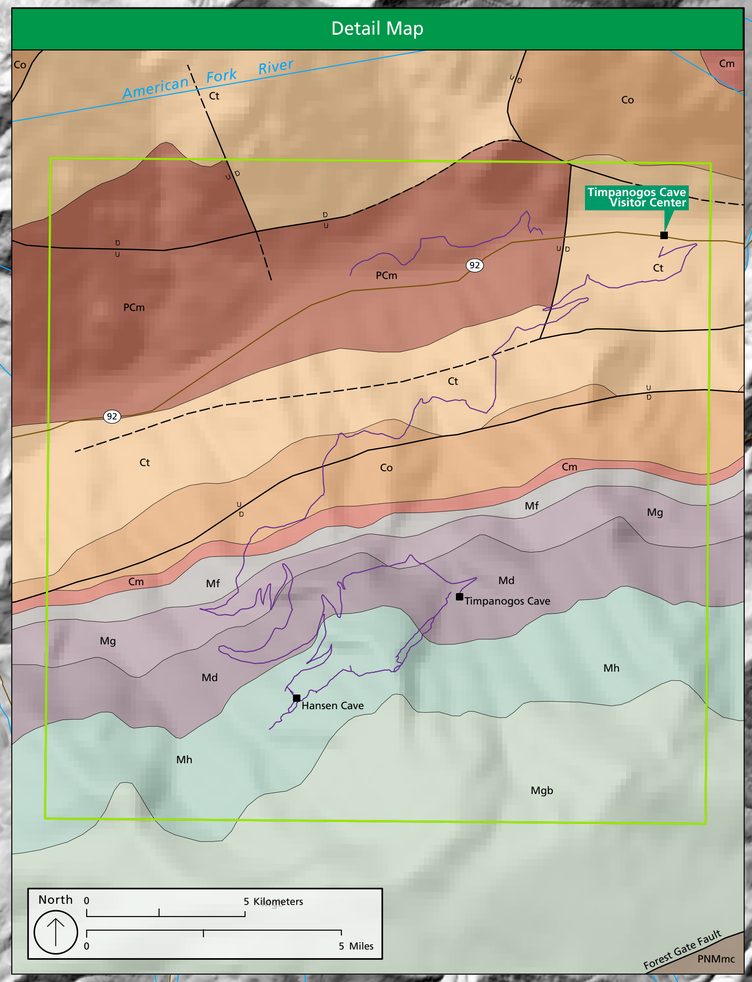
Utah

National Park Service
U.S. Department of the Interior

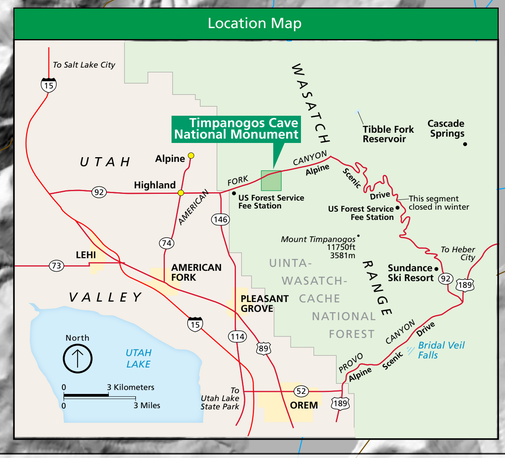
Geologic Resources Inventory
Natural Resource Stewardship and Science



Detail Map



Location Map



This map displays geologic map data compiled by the National Park Service Geologic Resources Inventory.
It is not a substitute for site-specific investigations.

Source Map
A. A. Baker and Crittenden, M. D.1961. Geologic map of the Timpanogos Cave Quadrangle, Utah (scale 1:24,000). Geologic Quadrangle Map GQ-132. U.S. Geological Survey, Reston, Virginia.

Source Scale 1:24,000. According to US National Map accuracy standards, features are within 12 m (40 ft) of their true location.

Poster Layout: Sarah Lowe (Colorado State University) **Poster Date:** August 2018

All Geologic Resources Inventory geologic map data and publications are available at http://go.nps.gov/gripubs.

NPS Boundary

Infrastructure
- Point of Interest
- Roads
- Water
- Cave Trail

Geologic Cross Section Lines

Geologic Contacts
- Ice, approximate
- Solid where known or certain, dashed where approximate, dotted where concealed.

Faults
- "U" upthrown block, "D" downthrown block
- Thrust fault, solid where known or certain, dashed where approximate, dotted where concealed.
- Normal fault, solid where known or certain, dashed where approximate, dotted where concealed.
- Unknown offset/displacement fault, solid where known or certain, dashed where approximate, dotted where concealed.

Folds
- Anticline, solid where known or certain, dashed where approximate.
- Syncline, solid where known or certain, dashed where approximate.

Geologic Units
- Qal Stream gravel, valley fill and low angle alluvial cones (Quaternary)
- Qt Talus and high angle alluvial cones (Quaternary)
- Qls Landslide deposits (Quaternary)
- Qbg Bonneville beach deposits (Quaternary)
- Qm Morraines (Quaternary)
- Tt Tibble Formation (Tertiary)
- qm Quartz monzonite of Little Cottonwood stock (Cretaceous)
- Ppc Park City Formation (Permian)
- PNo Oquirrh Formation (Pennsylvanian)
- PNob Oquirrh Formation, Bridal Veil limestone member (Pennsylvanian)
- PNw Weber Quartzite (Pennsylvanian)
- PNMmc Manning Canyon Shale (Pennsylvanian/Mississippian)
- Mdo Doughnut Formation (Mississippian)
- Mgb Great Blue Limestone (Mississippian)
- Mh Humbug Formation (Mississippian)
- Md Deseret Formation (Mississippian)
- Mg Gardison Limestone (Mississippian)
- Mf Fitchville Formation (Mississippian)
- Cm Maxfield Formation (Cambrian)
- Co Ophir Formation (Cambrian)
- Ct Tintic Quartzite (Cambrian)
- PCm Mutual Formation (Precambrian)
- PCmf Mineral Fork Tillite (Precambrian)
- PCbc Big Cottonwood Formation (Precambrian)
- Ice Glacial Ice