Overview of Digital Geologic Data for Fossil Butte National Monument

Full Extent of Digital Data



NPS Boundary

Folds

- syncline, known or certain
- syncline, concealed
- anticline, known or certain
- anticline, approximate
- anticline, concealed
- overturned anticline, known or certain

Faults

- thrust fault, concealed, teeth on upthrown side
- high-angle fault, known or certain
- high-angle fault, approximate
- high-angle fault, concealed

Geologic Contacts

- known or certain
- approximate

Geologic Units

- Qal - Alluvium
- Qas - Secondary-stream alluvium
- Qls - Landslide deposits
- Qtg - Terrace deposits
- Qty - Younger terrace deposits
- Qd - Talus and rubbly slope deposits
- Qg - Gravel
- Tw - Wasatch Formation main body
- Twt - Tunp Member of the Wasatch Formation
- Twb - Bullpen Member of the Wasatch Formation
- Tgr - Green River Formation, undifferentiated
- Tga - Angelo Member of the Green River Formation
- Tgfb - Fossil Butte Member of the Green River Formation
- Twms - Southern mudstone tongue of the Wasatch Formation
- Tgrh - Road Hollow Member of the Green River Formation
- Twl - Lower Member of the Wasatch Formation
- Twc - Basal Conglomerate Member of the Wasatch Formation
- Te - Upper Unit of the Evanston Formation
- Jt - Twin Creek Limestone
- Jtg - Gypsum Spring Member of the Twin Creek Limestone
- JTRn - Nugget Sandstone
- TRa - Ankareh Red Beds
- TRt - Thaynes Limestone
- TRd - Dinwoody Formation
- Ppu - Phosphoria Formation, Upper Part
- PlPw - Wells Formation
- Pwl - Wells Formation Limestone

This figure is an overview of compiled digital geologic data. It is 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 scale (1:24,000) and U.S. National Map Accuracy Standards, geologic features represented here are within 12 meters / 40 feet (horizontally) of their true location.

This figure was 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:

Buchheim, Paul. 2005. Geologic Map of Fossil Butte National Monument and Vicinity, Wyoming (1:24,000 scale). Unpublished. Loma Linda University.

Digital geologic data and cross sections for Fossil Butte National Monument, and all other digital geologic data prepared as part of the Geologic Resources Inventory, are available online at the NPS Integrated Resource Management Applications Portal (IRMA): https://irma.nps.gov/App/Reference/Search. (Enter "GRI" as the search text and select Fossil Butte National Monument from the unit list.)