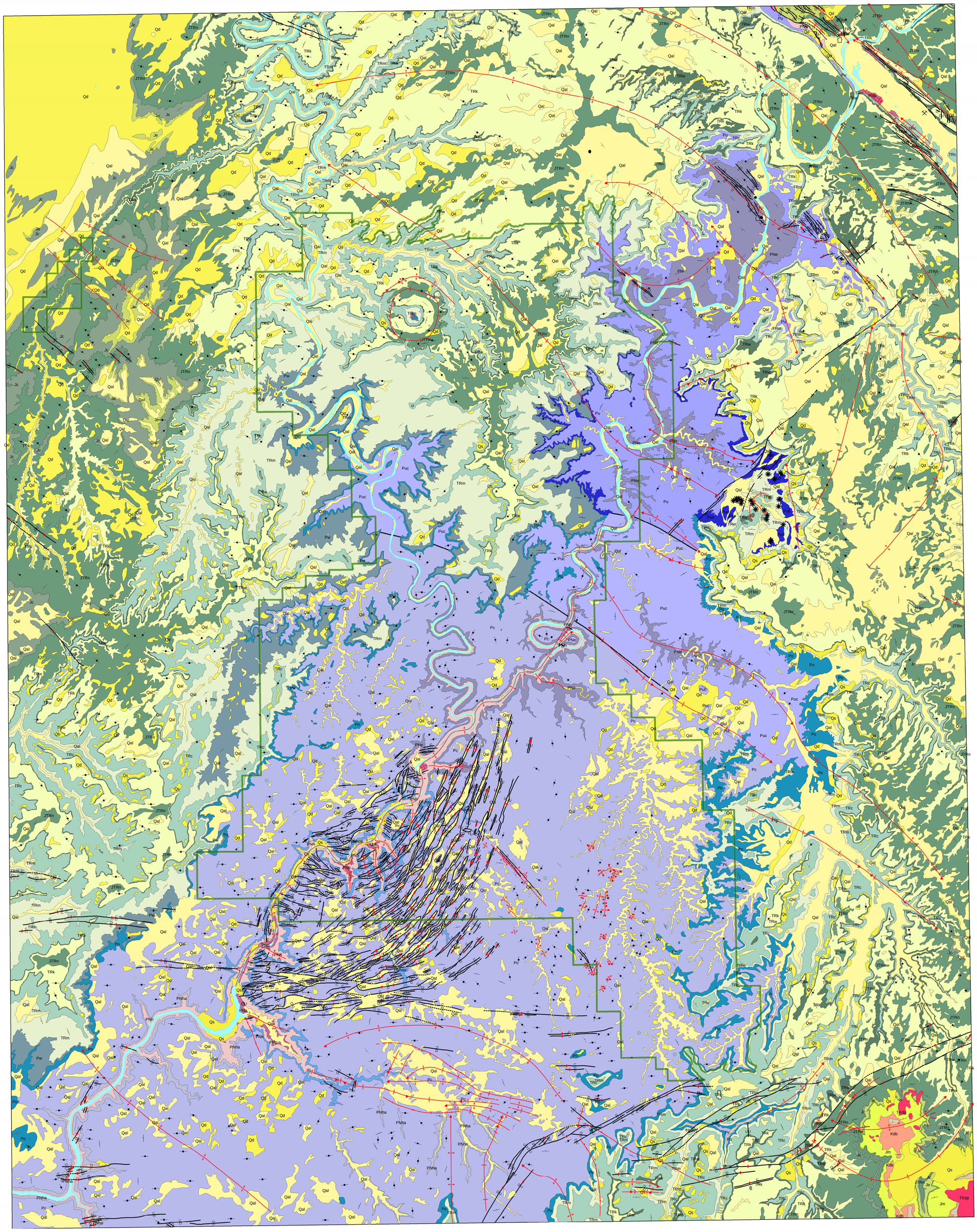
Geologic Map



NPS Boundaries

- Canyonlands National Park

Geologic Units

- Qal - alluvium and terrace gravel
- Qd - dune sand
- Qs - landslide deposits
- TKdp - quartz diorite porphyry
- Km - Mancos Shale
- Kdb - Dakota Sandstone & Burro Canyon Fm.
- Jm - Morrison Fm.
- Js - Summerville Fm.
- Je - Entrada Sandstone
- Jk - Carmel Fm.
- JTRn - Navajo Sandstone
- TRk - Kayenta Fm.
- TRw - Wingate Sandstone
- TRc - Chinle Fm.
- TRm - Moenkopi Fm.
- Pu - Cutler Group, undivided
- Pw - White Rim Sandstone
- Po - Organ Rock Shale
- Puo - Undivided Cutler Group - Organ Rock Shale transition
- Pc - Cedar Mesa Sandstone
- Puc - Undivided Cutler - Cedar Mesa Sandstone transition
- PNe - Elephant Canyon Fm.
- PNhae - Halgaito Shale - Elephant Canyon Fm. transition
- PNha - Halgaito Shale
- PNh - Honaker Trail Fm.
- PNp - Paradox Fm.
- Water

Geologic Contacts

- known or certain
- gradational
- quadrangle/map boundary
- shoreline

Geologic Attitude Observations

- strike and dip of beds
- strike of vertical joints
- fold plunge arrow head
- upthrown side of fault
- downthrown side of fault
- anticline
- syncline
- monocline, maximum inflection of dip
- fault displacement amount, in feet
- structural basin
- salt dome
- dip of fold limb

Mine Point Features

- gravel pit
- ore production plant
- oil well

Unique Geologic Point Features

- natural arch
- natural bridge
- collapse structure

Folds

- known or certain
- approximate
- concealed

Faults

- known or certain
- approximate
- concealed

N

0 2.5 5 10 Miles

0 5 10 20 Kilometers

The original map digitized by NPS staff to create this product was:

Billingsley, George H., Block, Debra L and Felgar, Tracey J., 2002, Surficial geologic map of The Loop and Druid Arch Quadrangles, Canyonlands National Park, Utah, U.S. Geological Survey, MF-2411, 1:24000 scale.

Digital geologic data and cross sections for Canyonlands National Park, and all other data produced as part of the NPS geologic Resources Divisions Geologic Resource Evaluation are available through the NPS Natural Resource –GIS metadata and data store: http://science.nature.nps.gov/nrdata

Produced by Geologic Resources Division

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