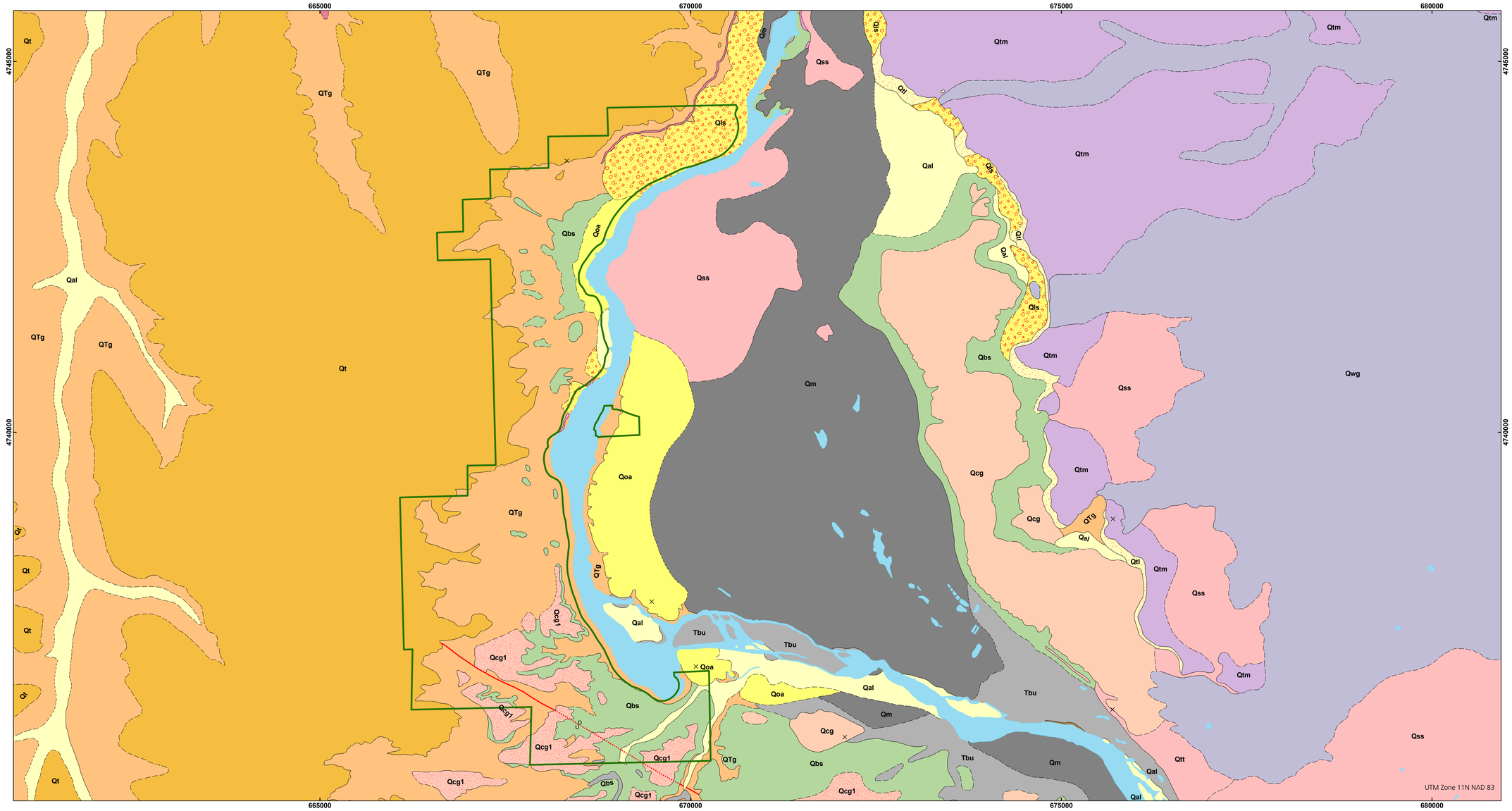
Geologic Map of Hagerman Fossil Beds National Monument



NPS Boundary

Mine Point Features

- dry hole
- gravel pit

Geologic Measurement Localities

- pebble count

Fault Symbology

- up-thrown side of fault
- down-thrown side of fault

Faults

- known or certain
- concealed

Alteration and Metamorphic Lines

- metamorphic feature, known or certain

Linear Geologic Units

- Qbg - pebble gravel, know or certain
- QTgp - basaltic tuff, known or certain
- QTgp - basaltic tuff, approximate

Volcanic Ash Contacts

- known or certain
- approximate
- water or shoreline

Geologic Contacts

- known
- approximate
- approximate and queried
- concealed
- map boundary
- water or shoreline

0 1 2 Kilometers

0 1 2 Miles

N

Volcanic Ash Units

- Tblp - Branbury Basalt, vent deposits

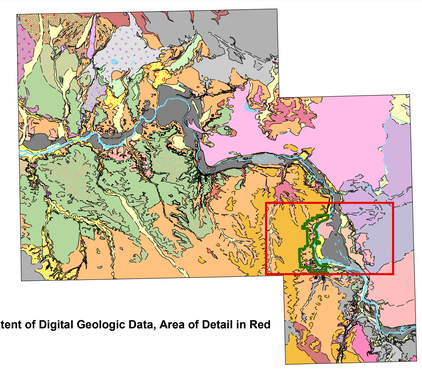
Geologic Units

- WATER
- Qal-alluvium
- Qtl-talus
- Qls-landslide debris
- Qoa-older alluvium
- Qfg-alluvial fan deposits
- Qm-Melon Gravel
- Qmk-McKinney Basalt-lava flow of porphyritic plagioclase-olivine basalt
- Qmk1-McKinney Basalt- pillow lava facies
- Qwg-Wendell Grade Basalt
- Qss-Sand Springs Basalt
- Qcg-Crowsnest Gravel
- Qcg1-Crowsnest Gravel-erosion surface cut on older rocks
- Qtt-Thousand Springs Basalt-lava flows of porphyritic plagioclase-olivine basalt
- Qtm-Thousand Springs Basalt-Malad Member
- Qsb-Sugar Bowl Gravel
- Qma-Madson Basalt
- Qbm-Black Mesa Gravel
- Qbs-Bruneau Formation-sedimentary material
- Qbf-Bruneau Formation-fan gravel
- Qbg-Bruneau Formation-pebble gravel
- Qbu-Bruneau Formation-basaltic lava flows
- Qbb-Bruneau Formation-Berry Ranch lava flow
- Qbk-Bruneau Formation-King Hill lava flows
- Qbr-Bruneau Formation-Morrow Reservoir lava flows
- Qbc-Bruneau Formation-Cold Springs Creek lava flow
- Qbh-Bruneau Formation-Hammett lava flows
- Qbd-Bruneau Formation-Deadman Canyon lava flow
- Qt-Tuana Gravel
- QTg-Glenns Ferry Formation-lake and stream deposits
- QTgp-Glenns Ferry Formation-basaltic tuff
- QTgl-Glenns Ferry Formation-Lucerne School lava flow
- QTgd-Glenns Ferry Formation-Deer Gulch lava flow
- QTgs-Glenns Ferry Formation-Shoestring Creek lava flow
- QTgc-Glenns Ferry Formation-Clover Creek lava flow
- QTgz-Glenns Ferry Formation-Devils Playground lava flow
- Tbu-Banbury Basalt-basalt of upper part
- Tbs-Banbury Basalt-sedimentary deposits of middle part
- Tbl-Banbury Basalt-basalt of lower part
- Tbls-Banbury Basalt-stream deposits
- Tiv-Idavada Volcanics

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:

Malde, H.E. and H.A. Powers. 1972. Geologic Map of the Glenns Ferry-Hagerman Area, West-Central Snake River Plain, Idaho. Scale 1:48,000. U.S. Geological Survey, Miscellaneous Geologic Investigations Map I-696.

Digital geologic data and cross sections for Hagerman Fossil Beds 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/



Full Extent of Digital Geologic Data, Area of Detail in Red