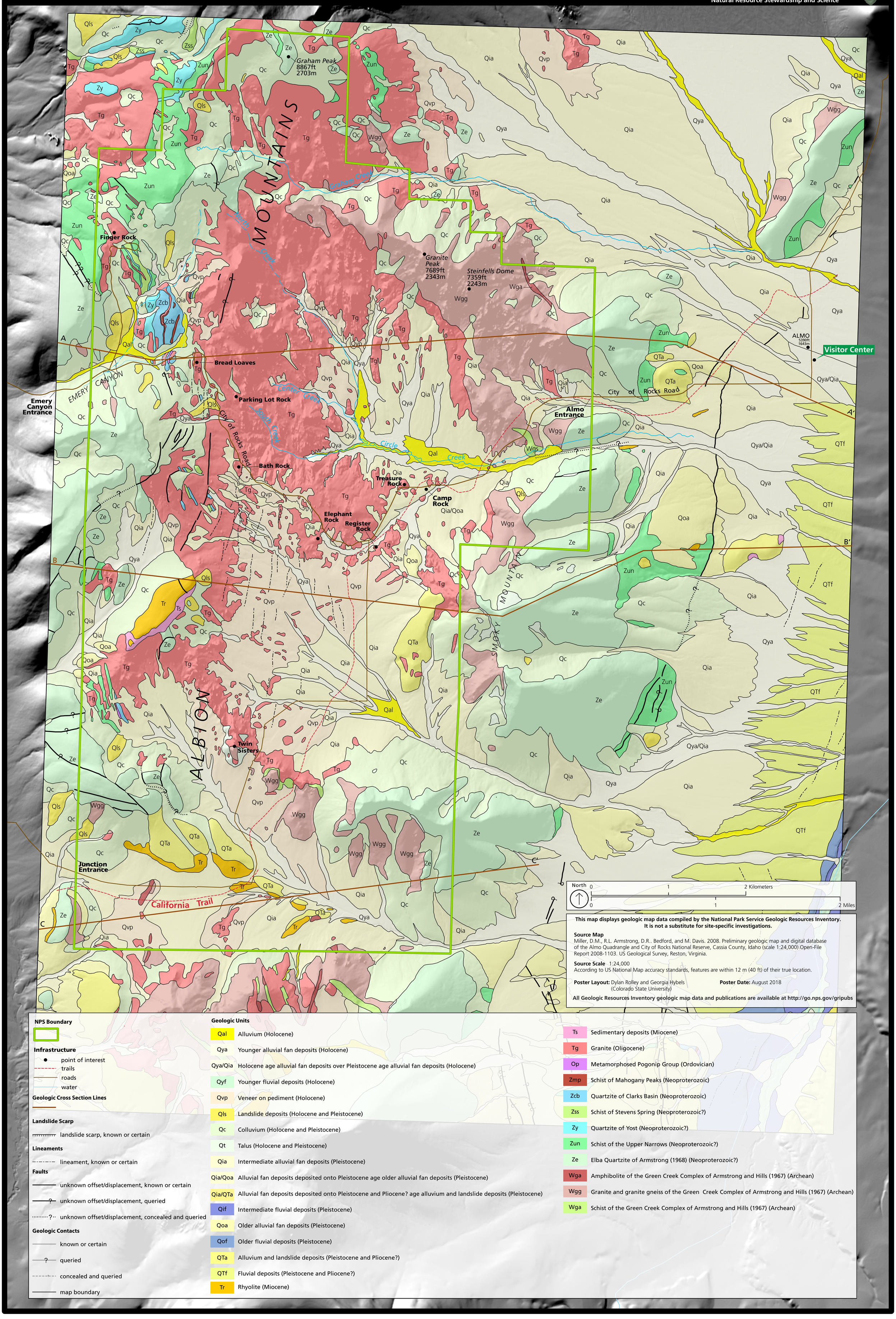
# Geologic Map of City of Rocks National Reserve

## Idaho

National Park Service
U.S. Department of the Interior

Geologic Resources Inventory
Natural Resource Stewardship and Science




**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**
Miller, D.M., R.L. Armstrong, D.R.. Bedford, and M. Davis. 2008. Preliminary geologic map and digital database of the Almo Quadrangle and City of Rocks National Reserve, Cassia County, Idaho (scale 1:24,000).Open-File Report 2008-1103. US 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:** Dylan Rolley and Georgia Hybels (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
- trails
- roads
- water

**Geologic Cross Section Lines**

**Landslide Scarp**
- landslide scarp, known or certain

**Lineaments**
- lineament, known or certain

**Faults**
- unknown offset/displacement, known or certain
- unknown offset/displacement, queried
- unknown offset/displacement, concealed and queried

**Geologic Contacts**
- known or certain
- queried
- concealed and queried
- map boundary

**Geologic Units**

| | |
|---|---|
| Qal | Alluvium (Holocene) |
| Qya | Younger alluvial fan deposits (Holocene) |
| Qya/Qia | Holocene age alluvial fan deposits over Pleistocene age alluvial fan deposits (Holocene) |
| Qyf | Younger fluvial deposits (Holocene) |
| Qvp | Veneer on pediment (Holocene) |
| Qls | Landslide deposits (Holocene and Pleistocene) |
| Qc | Colluvium (Holocene and Pleistocene) |
| Qt | Talus (Holocene and Pleistocene) |
| Qia | Intermediate alluvial fan deposits (Pleistocene) |
| Qia/Qoa | Alluvial fan deposits deposited onto Pleistocene age older alluvial fan deposits (Pleistocene) |
| Qia/QTa | Alluvial fan deposits deposited onto Pleistocene and Pliocene? age alluvium and landslide deposits (Pleistocene) |
| Qif | Intermediate fluvial deposits (Pleistocene) |
| Qoa | Older alluvial fan deposits (Pleistocene) |
| Qof | Older fluvial deposits (Pleistocene) |
| QTa | Alluvium and landslide deposits (Pleistocene and Pliocene?) |
| QTf | Fluvial deposits (Pleistocene and Pliocene?) |
| Tr | Rhyolite (Miocene) |
| Ts | Sedimentary deposits (Miocene) |
| Tg | Granite (Oligocene) |
| Op | Metamorphosed Pogonip Group (Ordovician) |
| Zmp | Schist of Mahogany Peaks (Neoproterozoic) |
| Zcb | Quartzite of Clarks Basin (Neoproterozoic) |
| Zss | Schist of Stevens Spring (Neoproterozoic?) |
| Zy | Quartzite of Yost (Neoproterozoic?) |
| Zun | Schist of the Upper Narrows (Neoproterozoic?) |
| Ze | Elba Quartzite of Armstrong (1968) (Neoproterozoic?) |
| Wga | Amphibolite of the Green Creek Complex of Armstrong and Hills (1967) (Archean) |
| Wgg | Granite and granite gneiss of the Green Creek Complex of Armstrong and Hills (1967) (Archean) |
| Wga | Schist of the Green Creek Complex of Armstrong and Hills (1967) (Archean) |