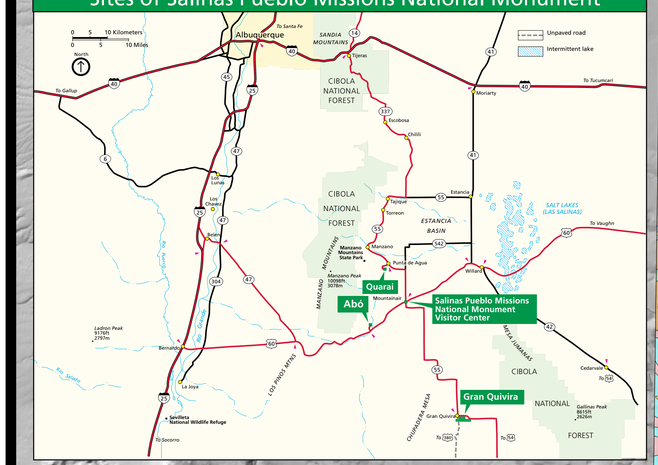
Geologic Map of Salinas Pueblo Missions National Monument

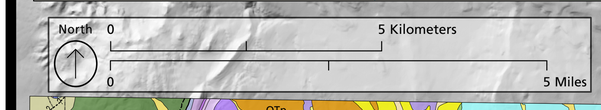
New Mexico

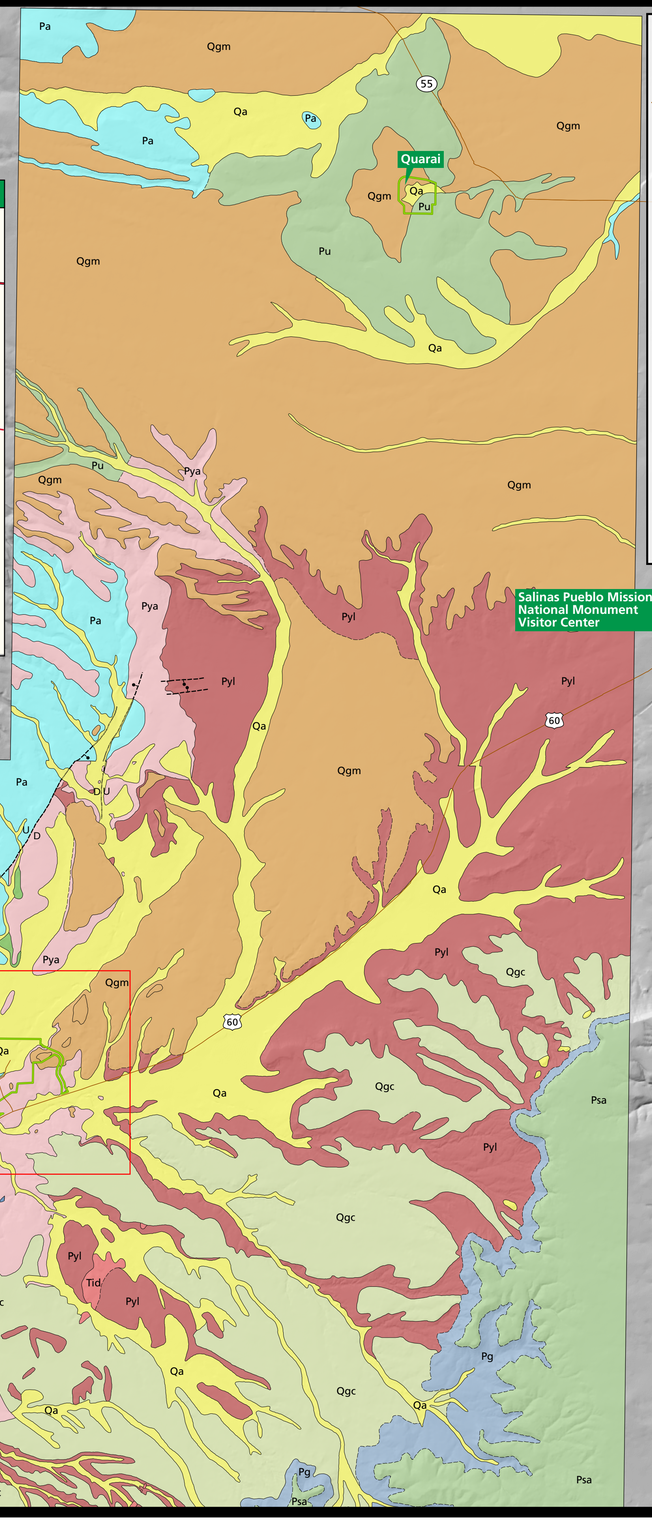
National Park Service
U.S. Department of the Interior

Geologic Resources Inventory
Natural Resource Stewardship and Science

Sites of Salinas Pueblo Missions National Monument







NPS Boundary

Infrastructure
- point of interest
- roads

Point Geologic Units
- Tim - Mafic dike rocks (Tertiary)

Folds
- anticline, approximate
- syncline, approximate

Faults: Dashed where approximate, dotted where concealed, questioned where queried; U indicates upthrown side, D indicates downthrown side, bar and ball on downthrown side
- thrust fault
- reverse fault
- normal fault
- unknown offset/displacement

Geologic Contacts
- known or certain
- approximate
- gradational
- quadrangle boundary

Geologic Units
- Qaf — Artificial fill (Recent)
- Qaa — Abo Arroyo stream terrace, active (upper Holocene to Recent)
- Qa — Stream alluvium, undivided (upper Holocene to Recent)
- Qayy — Stream alluvium, younger subunit (Holocene)
- Qay — Stream alluvium, undivided (uppermost Pleistocene to Holocene)
- Qaay — Abo Arroyo stream terrace, lower deposit (upper Pleistocene to Holocene)
- Qpy — Peidmont alluvium, younger deposits (upper Pleistocene to Holocene)
- Qayo — Stream alluvium, younger subunit (uppermost Pleistocene to Holocene)
- Qae — Stream alluvium and eolian sand (late Pleistocene to late Holocene)
- Qaam — Abo Arroyo stream terrace, intermediate deposit (upper Pleistocene)
- Qgm — Gravel derived from Manzano Mountains sources (Pleistocene)
- Qgc — Gravel derived from Chupadera Mesa sources (Pleistocene)
- Qls — Landslide deposits (Pleistocene)
- Qca — Colluvium and alluvium, undivided (middle to upper Pleistocene)

Stream-valley alluvium
- Qpm — Intermediate deposits (middle to late Pleistocene)
- Qpm3 — Younger subunit (middle to late(?) Pleistocene)
- Qpm2 — Intermediate subunit (middle Pleistocene)
- Qpm1 — Older subunit (middle Pleistocene)
- Qpo — Older deposits (middle Pleistocene)
- Qaao — Abo Arroyo stream terrace, older deposit (middle Pleistocene)
- QTp — Peidmont alluvium, older deposits (upper Pliocene (?) to lower Pleistocene)
- Tid — Diorite in intrusive bodies (Tertiary)
- Tim — Mafic dike rocks (Tertiary)
- Ts — Gravel (Tertiary)
- Psa — San Andres Formation (Lower Permian)
- Pg — Glorieta Sandstone (Lower Permian)

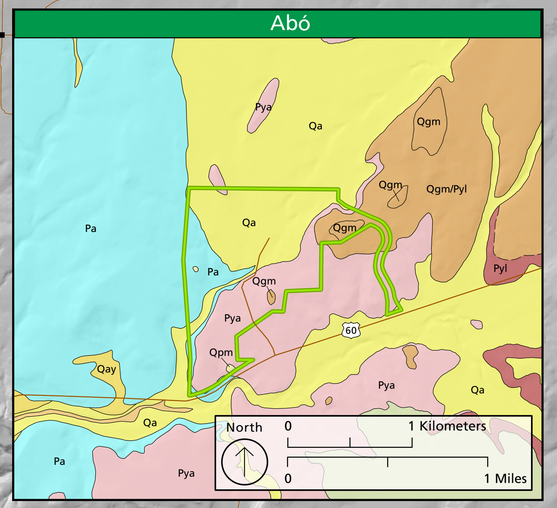
Yeso Group
- Pyl — Los Vallos Formation (Lower Permian (Leonardian))
- Pya — Arroyo de Alamillo Formation (Lower Permian (Leonardian))
- Pu — Arroyo de Alamillo and Abo Formations, undifferentiated (Lower Permian (Leonardian and Wolfcampian))
- Pa — Abo Formation (Lower Permian (Leonardian and Wolfcampian))
- Pal — Abo Formation, lower units (Lower Permian (Leonardian and Wolfcampian))

Yeso Formation
- Pym — Mesa Blanca Member (Lower Permian (Leonardian))
- Pyt — Torres Member (Lower Permian (Leonardian))

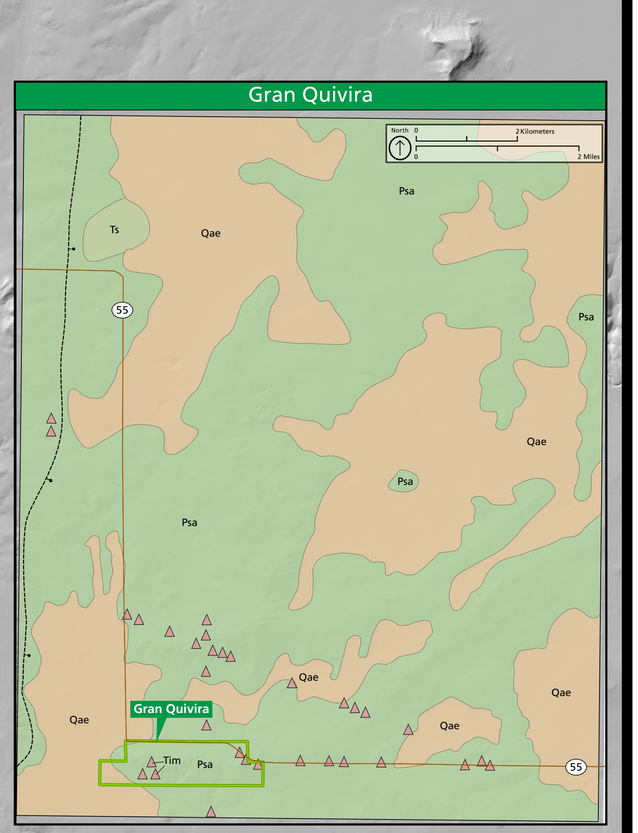
Madera Group
- Pb — Bursum Formation (Lower Permian)
- PNm5 — Wild Cow Formation, middle and upper part of La Casa Member (Upper Pennsylvanian (Virgilian))
- PNm4 — Wild Cow Formation, Pine Shadow Member and lower La Casa Member (Upper Pennsylvanian (Virgilian))
- PNm3 — Wild Cow Formation, upper part of Sol se Mete Member (Upper Pennsylvanian (Missourian))
- PNm2 — Wild Cow Formation, lower portion of Sol se Mete Member (Upper Pennsylvanian (Missourian))
- PNm1 — Los Moyos Limestone (Middle Pennsylvanian (Desmoinesian))
- PNs — Sandia Formation (Middle Pennsylvanian (Desmoinesian))

Blue Springs Schist
- Xbsu — Upper schist (Proterozoic)
- Xbr — Rhyolite (Proterozoic)
- Xbs — (Proterozoic)
- Xbq — Quartzite Member (Proterozoic)
- Xes — Estadio Schist, marker unit (Proterozoic)
- Xsq — Sais Quartzite (Proterozoic)
- Xwq — White Ridge Quartzite (Proterozoic)
- Ypp — Priest Pluton Granite (Proterozoic)

Abó



Gran Quivira



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 Maps

Oviatt, C.G. 2012. Preliminary geologic map of the Gran Quivira 7.5' Quadrangle, Torrance and Socorro Counties, New Mexico (scale 1:24,000). Open-File Geologic Map OF-GM 248. New Mexico Bureau of Geology and Mineral Resources, Socorro, New Mexico.

Oviatt, C.G. 2011. Preliminary geologic map of the Punta de Agua 7.5' Quadrangle, Torrance County, New Mexico (scale 1:24,000). Open-File Geologic Map OF-GM 220. New Mexico Bureau of Geology and Mineral Resources, Socorro, New Mexico.

Oviatt, C.G., 2010, Preliminary geologic map of the 7.5' Abo Quadrangle, Torrance County, New Mexico (scale 1:24,000). Open-File Geologic Map OF-GM 199. New Mexico Bureau of Geology and Mineral Resources, Socorro, New Mexico.

Scott, L.A., M. Erick, S. Connell, and K. Karlstrom. 2005. Preliminary geologic map of the Scholle 7.5' Quadrangle, Valencia, Torrance, and Socorro Counties, New Mexico (scale 1:24,000). Open-File Geologic Map OF-GM 99. New Mexico Bureau of Geology and Mineral Resources, Socorro, New Mexico.

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
Dalton Meyer and Georgia Hybels (Colorado State University)

Poster Date
September 2018

GRI Data Date
February 2010

Source Map Date
2007

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