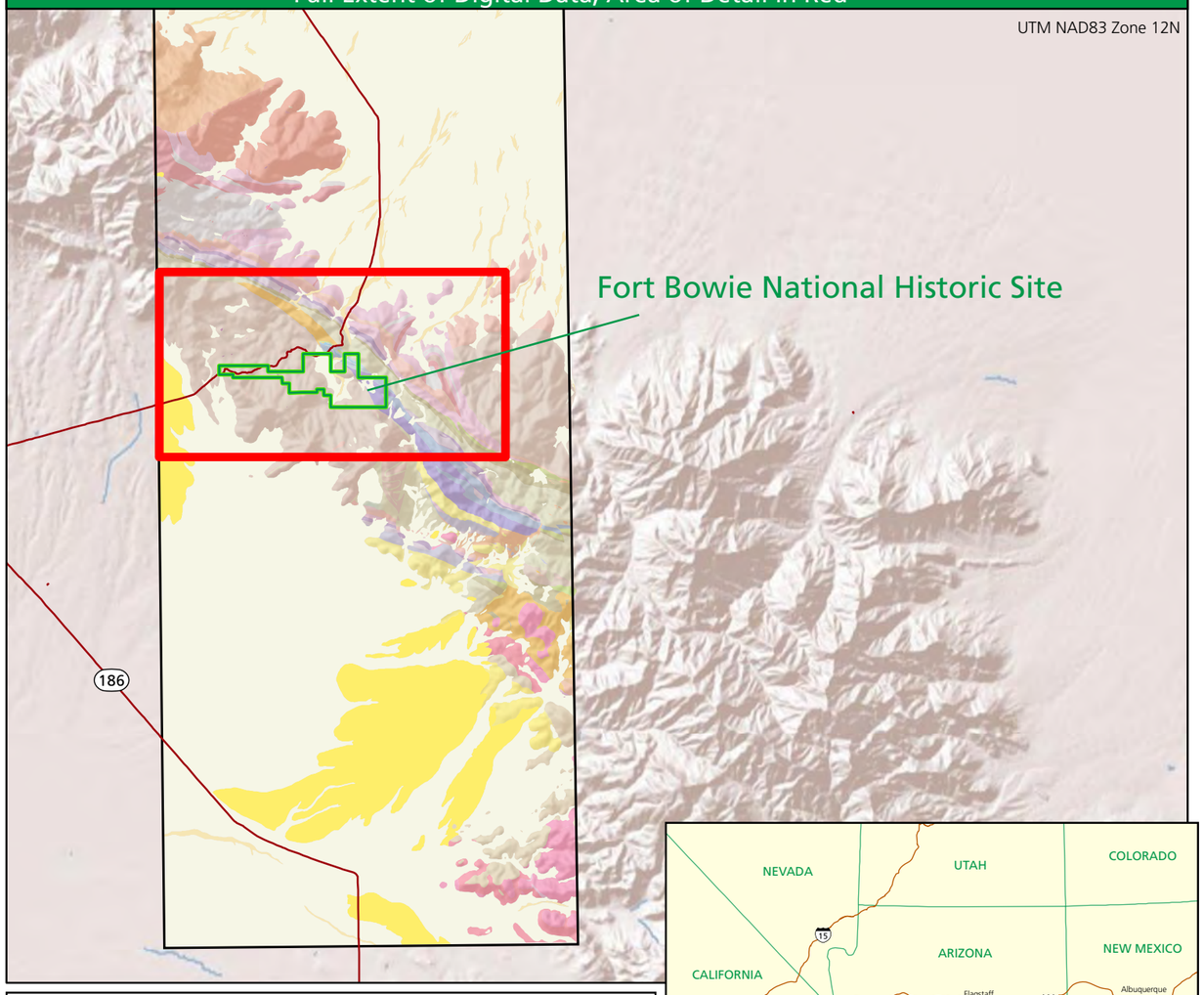
Overview of Digital Geologic Data for Fort Bowie NHS

Full Extent of Digital Data, Area of Detail in Red





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 maps used in creation of the digital geologic data product were:

Drewes, H. 1981. Geologic Map and Sections of Bowie Mountain South Quadrangle, Cochise County, Arizona (scale 1:24,000), Miscellaneous Investigations Series Map. I-1363. U.S. Geological Survey.

Drewes, H. 1984. Geologic Map and Sections of Bowie Mountain North Quadrangle, Cochise County, Arizona (scale 1:24,000), Miscellaneous Investigations Series Map. I-1492. U.S. Geological Survey.

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

NPS Boundary

Roads

Trails

Linear Geologic Units

- Ksvs - Sedimentary and volcanic rocks, marker bed of sandstone, known or certain
- Kcs - Cintura Formation, marker bed, sandstone unit, known or certain
- Kcs - Cintura Formation, marker bed, sandstone unit, queried
- Kmuc - Mural Limestone, marker bed, conglomerate unit, known or certain
- Mew - Escabrosa Limestone, marker horizon, white to light gray beds, known or certain
- Meg - Escabrosa Limestone, marker horizon, gray beds, known or certain
- Ccs - Coronado Sandstone, marker bed, sandstone unit, known or certain

Linear Dikes

- Tr - Rhyolite and latite porphyry, known or certain
- Tr - Rhyolite and latite porphyry, concealed
- Tr - Rhyolite and latite porphyry, inferred and queried
- q - Quartz, known or certain

Folds

- overturned syncline, known or certain

Faults

- thrust fault, known or certain
- thrust fault, concealed
- thrust fault, inferred and queried
- reverse fault, known or certain
- thrust left-lateral strike-slip fault, known or certain
- normal fault, known or certain
- normal fault, concealed
- normal fault, queried

Surficial Contacts

- known or certain

Surficial Units

- Qg - Gravel, sand and silt
- Qgt - Gravel, sand and silt
- QTg - Gravel and sand

Geologic Contacts

- known or certain
- concealed
- queried
- concealed and queried
- inferred and queried

Geologic Units

- Tc - Conglomerate
- Tct - Conglomerate, tuffaceous sandstone member
- Trus - Rhyolite Canyon Formation, upper rhyolite ash-flow tuff
- Tr - Rhyolite and latite porphyry
- Tff - Faraway Ranch Formation, rhyodacite lava flow
- Tfi - Faraway Ranch Formation, intrusive rhyodacite
- Tft - Faraway Ranch Formation, tuffaceous rock
- Tsf - Formation of Silver Spur Ranch, andesitic lava flows
- Tsv - Formation of Silver Spur Ranch, sedimentary and volcanic rocks
- Tsi - Formation of Silver Spur Ranch, intrusive breccia
- Trd - Rhyodacite
- Tga - Aplite
- Tg - Granodiorite and quartz monzonite
- TKa - Andesite
- Ksv - Sedimentary and volcanic rocks
- Ksvr - Sedimentary and volcanic rocks, rhyolite ash-flow tuff
- Kbu - Bisbee Group, upper part, undivided shale, siltstone, and sandstone
- Kc - Cintura Formation
- Kmu - Mural Limestone
- Km - Morita Formation
- Kg - Glance Conglomerate
- Pcn - Concha Limestone
- Ps - Scherrer Formation
- Pc - Colina Limestone
- Pe - Epitaph Formation
- Pea - Earp Formation
- PPNh - Horquilla Limestone, undivided
- PNhu - Horquilla Limestone, upper member
- PNhl - Horquilla Limestone, lower member
- Mp - Paradise Formation
- Me - Escabrosa Limestone
- Dp - Portal Formation of Sabins, 1957b
- Oe - El Pase Limestone
- Cc - Coronado Sandstone
- Ccq - Coronado Sandstone, quartzite member
- Yg - Granodiorite
- Yga - Aplite
- Ygg - Gneissic quartz monzonite
- Xa - Amphibolite
- Xp - Pinal Schist
- Xpq - Pinal Schist, quartzite member
- Xpp - Phyllite
- Xpv - Metavolcanic rock
- q - Quartz (Tertiary? to Precambrian?)