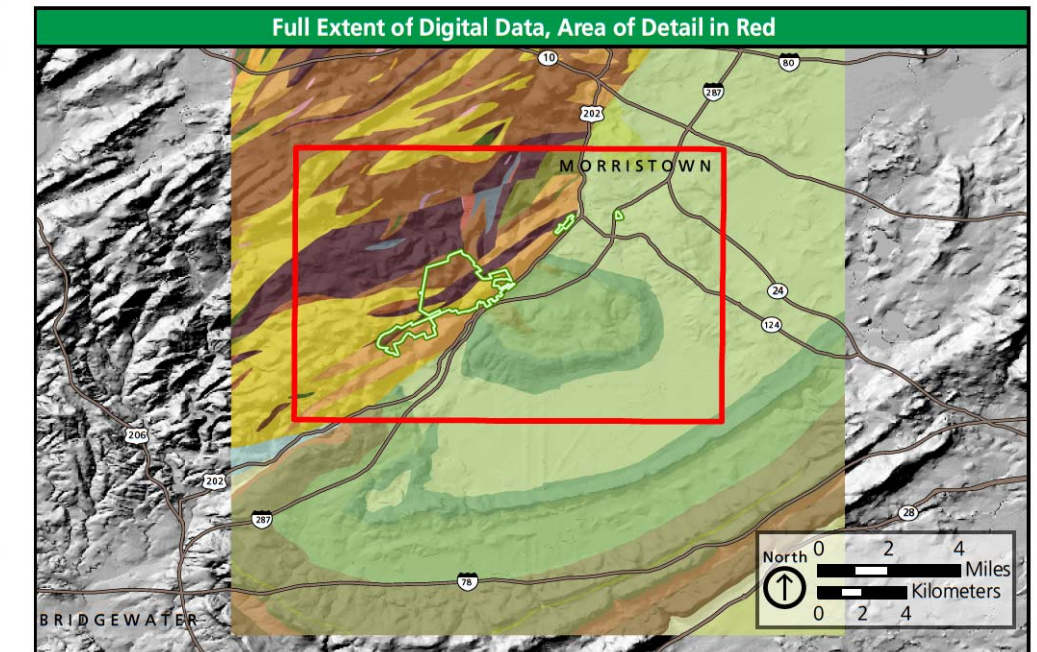
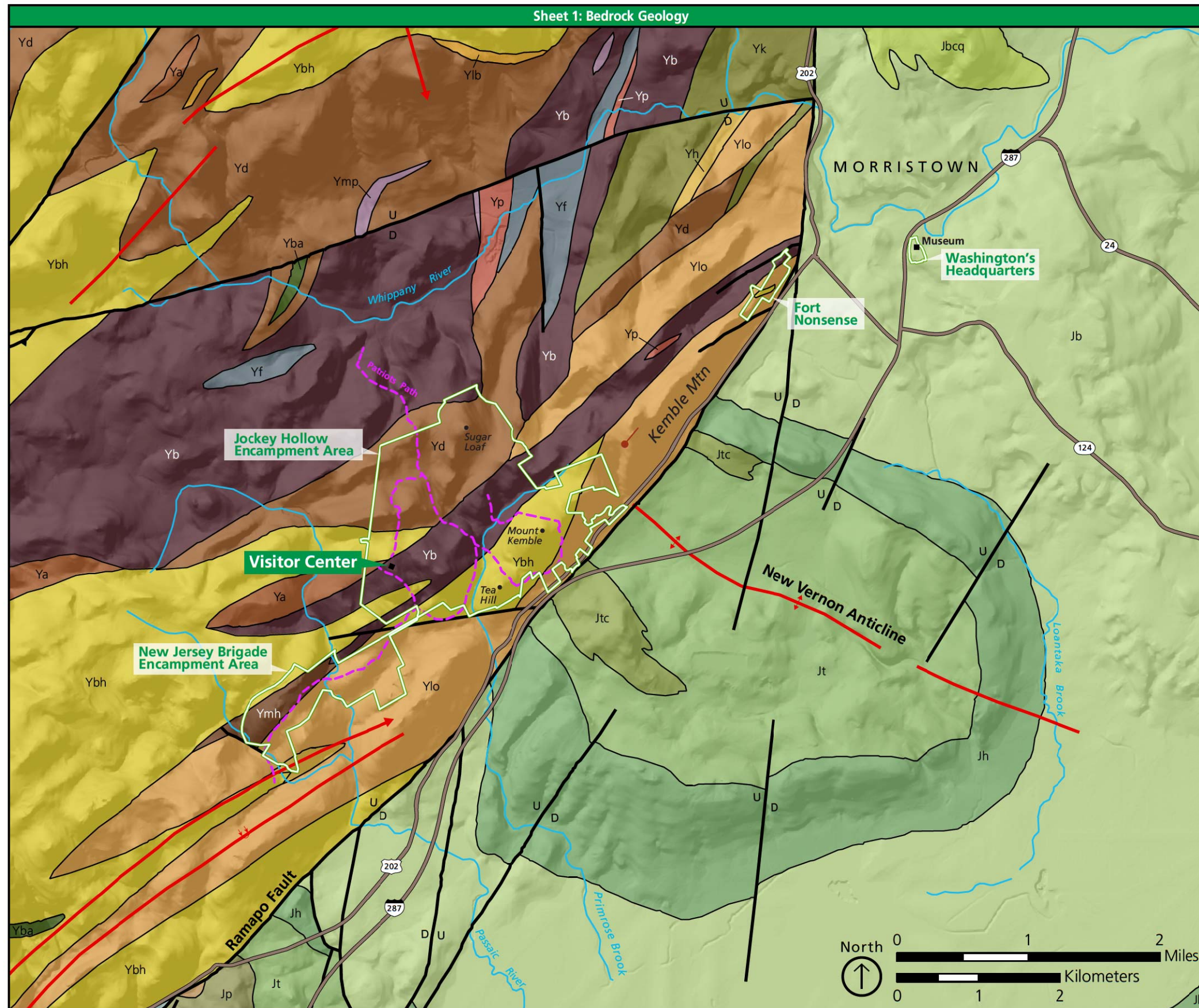




Geologic Map of Morristown National Historical Park, New Jersey



- buildings

- park trails
 highways

Water Features

- rivers

Faults

- U upthrown side
D downthrown side
 reverse fault, known or certain
 normal fault, known or certain

Linear Dikes

- Zd - Diabase dike, known or certain

Folds

-  antidine, known or certain
-  plunging antiform, known or certain
-  overturned antiform, known or certain
-  overturned synform, known or certain
-  plunging synform, known or certain

Bedrock Geologic Contacts

- known or certain

Bedrock Geologic Units

- | | |
|------|---|
| Jb | Boonton Formation |
| Jbcq | Quartz-pebble conglomerate |
| Jh | Hook Mountain Basalt |
| Jt | Towaco Formation |
| Jtc | Towaco Formation, conglomerate and sandstone facies |
| Ya | Amphibolite |
| Yb | Biotite-quartz-feldspar gneiss |
| Yba | Microperthite Alaskite |
| Ybh | Hornblende granite |
| Yd | Diorite |
| Yf | Franklin Marble |
| Yh | Hypersthene-quartz-oligoclase gneiss |
| Yk | Potassic feldspar gneiss |
| Ylb | Biotite-quartz-oligoclase gneiss |
| Ylo | Quartz-oligoclase gneiss |
| Ymh | Hornblende-quartz-feldspar gneiss |
| Ymp | Clinopyroxene-quartz-feldspar gneiss |
| Yp | Pyroxene gneiss |

This figure was prepared as part of the NPS Geologic Resources Division's Geologic Resources Inventory. It is an overview of compiled digital geologic data, and 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 scales (1:24,000 and 1:100,000) and U.S. National Map Accuracy Standards, geologic features represented here are within 12 meters / 40 feet (24k), 50 meters / 166 feet (100k) (horizontally) of their true location.

The source maps used in creation of the digital geologic data product include paper and digital New Jersey Geological Survey publications and paper U.S. Geological Survey Publications (see Geologic Map Data section for specific sources).

All digital geologic data and publications prepared as part of the Geologic Resources Inventory are available at the NPS Integrated Resource Management Applications Portal (IRMA): <https://irma.nps.gov/App/Reference/Search>. Enter "GRI" as the search text and select a park from the unit list.