Bedrock Geologic Map of Gauley River National Recreation Area

West Virginia

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
Hunt, P.J., K.L. Wilson, J.S. McColloch and G.H McColloch. 2010. Gauley River National Recreation Area bedrock geologic map: Ansted and Summersville Dam 7.5' quadrangles, West Virginia (scale 1:24,000). Geologic Quadrangle Maps of West Virginia. OF 1001. West Virginia Geological and Economic Survey, Morgantown, West 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
Dalton Meyer and Georgia Hybels (Colorado State University)

Poster Date
September 2017

GRI Data Date
Febuary 2014

Source Map Date
2010

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

North
0 1 Kilometers
0 1 Miles

NPS Boundary

Infrastructure
- Cities
- Roads
- Public river access
- Picnic area
- Campground
- Dam

Geologic Contacts
- Known or certain, dashed where approximate
- Inferred
- Inferred and queried

Geologic Cross Section Lines
A A'

Folds
- Anticline
- Syncline

Linear Geologic Units: Solid where known or certain, dashed where approximate, dotted where inferred, and "?" indicates queried

PNan5b - Allegheny Formation, No. 5 Block Coal Bed (Middle Pennsylvanian)

Kanawha Formation
- PNkstk -Stockton Coal Bed (Middle Pennsylvanian)
- PNkcbg - Coalburg Coal Bed (Middle Pennsylvanian)
- PNkn2g No. - 2 Gas Coal Bed (Middle Pennsylvanian)
- PNkeag - Eagle Coal Bed (Middle Pennsylvanian)
- PNklwe - Lower War Eagle Coal Bed (Middle Pennsylvanian)

New River Formation
- PNnrsew - Sewell Coal Bed (Lower Pennsylvanian)
- PNnrlrl - Little Raleigh Coal Bed (Lower Pennsylvanian)

Water
- Water
- Rapids

Geologic Units
- PNa Allegheny Formation, undifferentiated (Middle Pennsylvanian)
- PNk Kanawha Formation, undifferentiated (Middle Pennsylvanian)

New River Formation
- PNnrun Upper Nuttall Sandstone (Lower Pennsylvanian)
- PNnrln Lower Nuttall Sandstone (Lower Pennsylvanian)
- PNnr middle members undifferentiated (Lower Pennsylvanian)
- PNnrural Upper Raleigh Sandstone (Lower Pennsylvanian)

See Surficial Layout for Park Location Map