Overview of Digital Geologic Data for Marsh-Billings-Rockefeller NHP

Map Plate 1: Extent of Data and Map Plates

NAD 83 UTM Zone 18N

0 1 2 3 Kilometers

0 1 2 3 Miles

North

NPS Boundary

Surficial Contacts

- known or certain
- map boundary

Surficial Units

- fi - fill
- pm - peat and muck
- al - alluvium
- af - alluvial fan
- ft - fluvial terrace
- ow - outwash
- ka - kame
- kt - kame terrace
- gm - ground moraine
- ti - till
- tt - thin till
- ro - rock outcrop

Geologic Contacts

- concealed
- map boundary

Linear Geologic Units

- qv - Thick quartz vein
- MZb - Basalt dike
- Dbg - Granite sill

Geologic Units

- Dg - Gile Mountain Formation
- Dgc - Gile Mountain Formation, calc-silicates horizon
- Dgh - Gile Mountain Formation, horneblende fascicle schist
- Ssp - Standing Pond Volcanics
- Sspc - Standing Pond Volcanics, calc-silicates horizon
- Sw - Waits River Formation, > 50% calc-silicates
- Swm - Waits River Formation, Mt Tom Member
- Swmc - Waits River Formation, Mt Tom Member, calc-silicates horizon
- Sws - Waits River Formation, 10 to 50% calc-silicates
- Swr - Waits River Formation, rusty schist
- Sn - Northfield Formation
- Snc - Northfield Formation, calc-silicates horizon
- Ss - Shaw Mountain Formation
- Ob - Barnard Gneiss

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:

DeSimone, David. 2006. Surficial Geologic Map of Woodstock, Vermont (scale 1:24,000). [Digital data - M. Gale].
Open-File Report VG06-5. Vermont Geological Survey.

Thompson, Peter J. 2006. Bedrock Geologic Map of Woodstock, Vermont (scale 1:24,000). [Digital data M. Gale and G. Farrugia].
Open-File Report VG06-4. Vermont Geological Survey.

Digital geologic data and cross sections for Marsh-Billings-Rockefeller National Historical Park, and all other digital geologic data prepared as part of the Geologic Resources Inventory, are available online at the NPS Integrated Resource Management Applications Portal (IRMA): https://irma.nps.gov/App/Reference/Search. (Enter "GRI" as the search text and select Marsh- Billings-Rockefeller National Historical Park from the unit list.)