Overview of Digital Geologic Data for Buck Island Reef NM

NPS Boundary

BUIS - Faults

- thrust fault, dashed where inferred, dotted where concealed, teeth on upthrown side
- normal fault, dashed where inferred, dotted where concealed (U = up, D = down)
- left-lateral strike-slip fault, dashed where inferred,dotted where concealed

BUIS - Folds

- anticline, inferred, dotted where concealed
- syncline, inferred, dotted where concealed
- overturned anticline, inferred, dotted where concealed
- overturned syncline, inferred, dotted where concealed

BUIS - Geologic Contacts

- known or certain, dashed where inferred, dotted where concealed
- water or shoreline, dashed where approximate
- subaqueous (inferred)

BUIS - Geologic Units

- Water
- Qal, Surficial deposits
- Mlkh, Kingshill Marl
- OLj, Jealousy Formation
- TKdi, Southgate Diorite
- Kg, Fountain Gabbro
- Kj, Judith Fancy Formation
- Kjr, Judith Fancy Formation, Recovery Hill Member
- Kjb, Judith Fancy Formation, Blue Mountain Member
- Kjc, Judith Fancy Formation, Clairmont Member
- Kcvs, Cane Valley Formation, Springfield Member
- Kcvr, Cane Valley Formation, Robe Hill Member
- Kcvh, Cane Valley Formation, Hope Member
- Ka, Allandale Formation
- Kc, Caledonia Formation
- Kce, Caledonia Formation, East End Member

CARIBBEAN SEA

SALT RIVER BAY NATIONAL HISTORICAL PARK AND ECOLOGICAL PRESERVE

CHRISTIANSTED NATIONAL HISTORIC SITE

ST. CROIX

BUCK ISLAND REEF NM BOUNDARY

BUCK ISLAND

BUCK ISLAND CHANNEL

Hovensa Refinery (not in map data)

CARIBBEAN SEA

North

0 1 2 3 Kilometers

0 1 2 3 Miles

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 (1:21,680) and U.S. National Map Accuracy Standards, geologic features represented here are within 11 meters /36 feet (horizontally) of their true location.

This figure was prepared as part of the NPS Geologic Resources Division's Geologic Resources Inventory. The source map used in creation of the digital geologic data product was:

Whetten, J.T. 1966. Geology of St. Croix, U.S. Virgin Islands (scale 1:21,680). Memoir 98. Geological Society of America.

Digital geologic data and cross sections for Buck Island Reef National Monument, 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 Buck Island Reef National Monument from the unit list.)