

Geologic Map of George Washington Birthplace Nat'l Monument

Virginia

National Park Service
U.S. Department of the Interior

Geologic Resources Inventory
Natural Resource Stewardship and Science



LEGEND

NPS boundary

Water

Highway

Road

Trail

General direction of transport of deposits

Geologic Contacts

Known or certain

Approximate

Inferred

Geologic Units

Qaf	Artificial fill (Recent)
Qm	Marsh deposits (Holocene)
Qsw	Swamp deposits (Holocene)
Qb	Beach deposits (Holocene)
Qco	Holocene colluvium (Holocene)
Qal	Alluvium (Holocene and Pleistocene)
Qtl	Tabb Formation, Lynnhaven Member (upper Pleistocene)
Qst	Youngest Pleistocene colluvium (upper Pleistocene)
Qts	Tabb Formation, Sedgfield Member (upper Pleistocene)
Qtssg	Tabb Formation, Sedgfield Member, sand and gravel deposits (upper Pleistocene)
Qssh	Older Pleistocene colluvium (upper Pleistocene)
Qsh	Shirley Formation (middle Pleistocene)
Qshsg	Shirley Formation, sand and gravel deposits (middle Pleistocene)
Qsc	Oldest Pleistocene colluvium (middle Pleistocene)
Qcc	Charles City Formation (lower Pleistocene)
Qccsg	Charles City Formation, sand and gravel deposits (lower Pleistocene)
Tuc	Upper Chesapeake Group (upper Pliocene)
Tb	Bacons Castle Formation (upper Pliocene)
Tmc	Middle Chesapeake Group (Pliocene and upper Miocene)
Ty	Yorktown Formation (upper and lower(?) Pliocene)
Tlc	Lower Chesapeake Group (Miocene)

North

0

1 Kilometer

0

1 Mile

Location Map

Source Maps:

This map displays geologic map data compiled by the National Park Service Geologic Resources Inventory. It is not a substitute for site-specific investigations. All GRI products are available at <https://go.nps.gov/gripubs>.

Source Maps:

Newell, Wayne L., O. P. Bricker, and M. S. Robertson. 2005. Geologic Map of the Colonial Beach South 7.5 Quadrangle, Virginia (scale 1:24,000). Open-File Report OF 2005-1025. U.S. Geological Survey, Reston, Virginia.

Mixon, Robert B., L. Pavlides, D. D. Powars, A. J. Froelich, R. E. Weems, J. S. Schindler, W. L. Newell, L. E. Edwards, and L. W. Ward. 2000. Geologic Map of the Fredericksburg 30' x 60' Quadrangle, Virginia and Maryland (scale 1:100,000). Geologic Investigations Series Map I-2607. U.S. Geological Survey, Reston, Virginia.

McCartan, Lucy, W. L. Newell, J. P. Owens, and G. M. Bradford. 1995. Geologic Map and Cross Sections of the Leonardtown 30' x 60' Quadrangle, Maryland and Virginia (scale 1:100,000). Open-File Report OF 95-665. U.S. Geological Survey, Reston, Virginia.

Source Scales:

1:24,000 - According to US National Map accuracy standards, features are within 12 m (40 ft) of their true location.

1:100,000 - According to US National Map accuracy standards, features are within 51 m (166 ft) of their true location.

Poster Layout: Thom Curdts and Shea Slonkosky (Colorado State University)