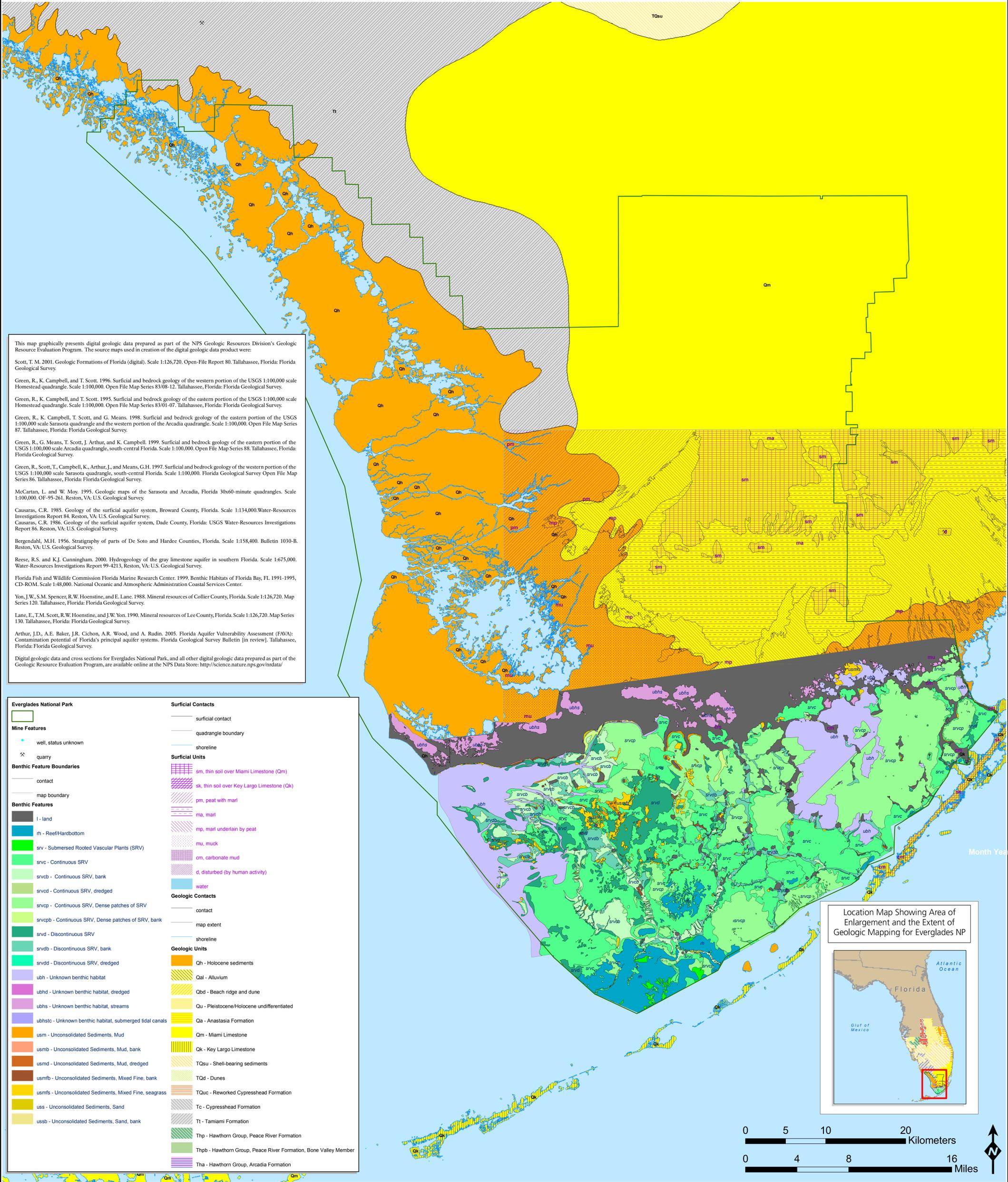




Geologic Map of Everglades National Park



This map graphically presents digital geologic data prepared as part of the NPS Geologic Resources Division's Geologic Resource Evaluation Program. The source maps used in creation of the digital geologic data product were:

Scott, T. M. 2001. Geologic Formations of Florida (digital). Scale 1:126,720. Open-File Report 80. Tallahassee, Florida: Florida Geological Survey.

Green, R., K. Campbell, and T. Scott. 1996. Surficial and bedrock geology of the western portion of the USGS 1:100,000 scale Homestead quadrangle. Scale 1:100,000. Open File Map Series 83/08-12. Tallahassee, Florida: Florida Geological Survey.

Green, R., K. Campbell, and T. Scott. 1995. Surficial and bedrock geology of the eastern portion of the USGS 1:100,000 scale Homestead quadrangle. Scale 1:100,000. Open File Map Series 83/01-07. Tallahassee, Florida: Florida Geological Survey.

Green, R., K. Campbell, T. Scott, and G. Means. 1998. Surficial and bedrock geology of the eastern portion of the USGS 1:100,000 scale Sarasota quadrangle and the western portion of the Arcadia quadrangle. Scale 1:100,000. Open File Map Series 87. Tallahassee, Florida: Florida Geological Survey.

Green, R., G. Means, T. Scott, J. Arthur, and K. Campbell. 1999. Surficial and bedrock geology of the eastern portion of the USGS 1:100,000 scale Arcadia quadrangle, south-central Florida. Scale 1:100,000. Open File Map Series 88. Tallahassee, Florida: Florida Geological Survey.

Green, R., Scott, T., Campbell, K., Arthur, J., and Means, G.H. 1997. Surficial and bedrock geology of the western portion of the USGS 1:100,000 scale Sarasota quadrangle, south-central Florida. Scale 1:100,000. Florida Geological Survey Open File Map Series 86. Tallahassee, Florida: Florida Geological Survey.

McCartan, L. and W. Moy. 1995. Geologic maps of the Sarasota and Arcadia, Florida 30x60-minute quadrangles. Scale 1:100,000. OF-95-261. Reston, VA: U.S. Geological Survey.

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Reese, R.S. and K.J. Cunningham. 2000. Hydrogeology of the gray limestone aquifer in southern Florida. Scale 1:675,000. Water-Resources Investigations Report 99-4213. Reston, VA: U.S. Geological Survey.

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Yon, J.W., S.M. Spencer, R.W. Hoenstine, and E. Lane. 1988. Mineral resources of Collier County, Florida. Scale 1:126,720. Map Series 120. Tallahassee, Florida: Florida Geological Survey.

Lane, E., T.M. Scott, R.W. Hoenstine, and J.W. Yon. 1990. Mineral resources of Lee County, Florida. Scale 1:126,720. Map Series 130. Tallahassee, Florida: Florida Geological Survey.

Arthur, J.D., A.E. Baker, J.R. Cichon, A.R. Wood, and A. Rudin. 2005. Florida Aquifer Vulnerability Assessment (FAVA): Contamination potential of Florida's principal aquifer systems. Florida Geological Survey Bulletin [in review]. Tallahassee, Florida: Florida Geological Survey.

Digital geologic data and cross sections for Everglades National Park, and all other digital geologic data prepared as part of the Geologic Resource Evaluation Program, are available online at the NPS Data Store: <http://science.nature.nps.gov/hrdata/>

Everglades National Park

Mine Features

- well, status unknown
- quarry

Benthic Feature Boundaries

- contact
- map boundary

Benthic Features

- l - land
- rh - Reef/Hardbottom
- srv - Submersed Rooted Vascular Plants (SRV)
- svrc - Continuous SRV
- svrcb - Continuous SRV, bank
- svrcd - Continuous SRV, dredged
- svrcp - Continuous SRV, Dense patches of SRV
- svrcpb - Continuous SRV, Dense patches of SRV, bank
- svrdd - Discontinuous SRV
- svrdb - Discontinuous SRV, bank
- svrdd - Discontinuous SRV, dredged
- ubh - Unknown benthic habitat
- ubhd - Unknown benthic habitat, dredged
- ubhs - Unknown benthic habitat, streams
- ubhstc - Unknown benthic habitat, submerged tidal canals
- usm - Unconsolidated Sediments, Mud
- usmb - Unconsolidated Sediments, Mud, bank
- usmd - Unconsolidated Sediments, Mud, dredged
- usmfb - Unconsolidated Sediments, Mixed Fine, bank
- usmfs - Unconsolidated Sediments, Mixed Fine, seagrass
- uss - Unconsolidated Sediments, Sand
- usdb - Unconsolidated Sediments, Sand, bank

Surficial Contacts

- surficial contact
- quadrangle boundary
- shoreline

Surficial Units

- sm, thin soil over Miami Limestone (Qm)
- sk, thin soil over Key Largo Limestone (Qk)
- pm, peat with marl
- ma, marl
- mp, marl underlain by peat
- mu, muck
- cm, carbonate mud
- d, disturbed (by human activity)
- water

Geologic Contacts

- contact
- map extent
- shoreline

Geologic Units

- Qh - Holocene sediments
- Qal - Alluvium
- Qbd - Beach ridge and dune
- Qu - Pleistocene/Holocene undifferentiated
- Qa - Anastasia Formation
- Qm - Miami Limestone
- Qk - Key Largo Limestone
- TQsu - Shell-bearing sediments
- TQd - Dunes
- TQuc - Reworked Cypresshead Formation
- Tc - Cypresshead Formation
- Tl - Tamiami Formation
- Thp - Hawthorn Group, Peace River Formation
- Thpb - Hawthorn Group, Peace River Formation, Bone Valley Member
- Tha - Hawthorn Group, Arcadia Formation

