



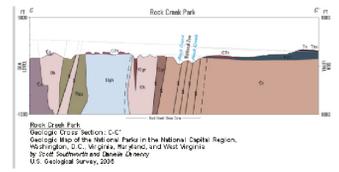
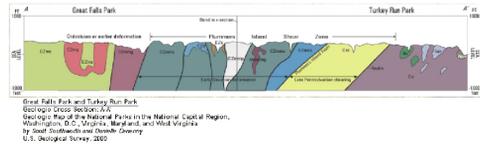
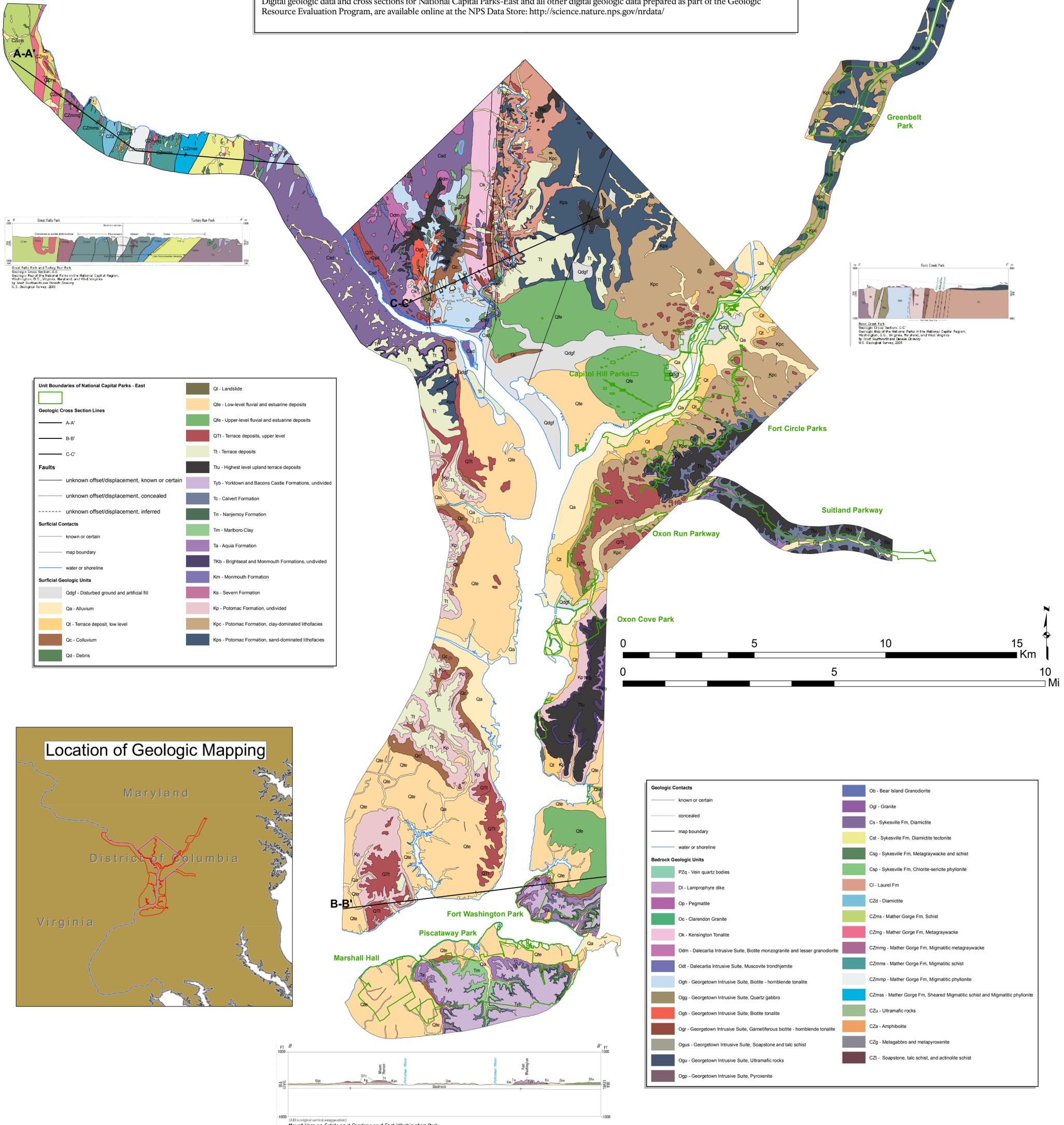
# Geologic Map of National Capital Parks-East

National Capital Parks-East is a collection of parks and sites that encompass over 8,000 acres of protected land in the Washington, D.C., area. The group includes Greenbelt Park, Anacostia Park, Kenilworth Park and Aquatic Gardens, Kenilworth Marsh, Mary McLeod Bethune Council House National Historic Site, Frederick Douglass National Historic Site, Capitol Hill Parks, Fort Circle Parks also known as the Civil War Defenses of Washington (including several Civil War forts, Fort Foote, Fort Stanton, Fort Dupont, etc.), Fort Washington Park, Shepherd Parkway, Oxon Cove Park and Oxon Hill Farm, Oxon Run Parkway, Sewall-Belmont House National Historic Site, Baltimore-Washington Parkway, Suitland Parkway, Piscataway Park (with Hard Bargain and National Colonial Farms), Harmony Hall, and others located over 98 sites.

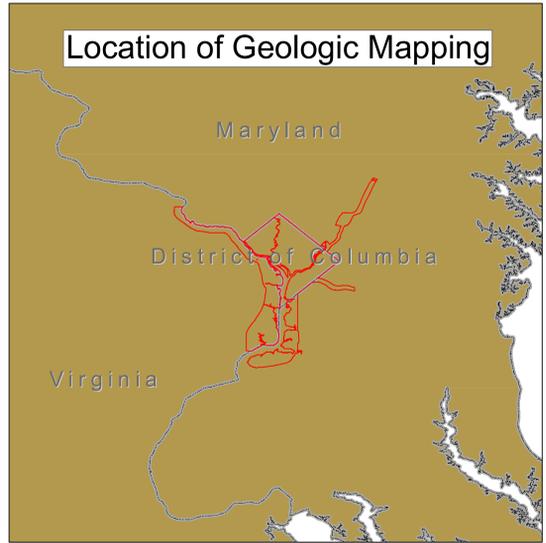
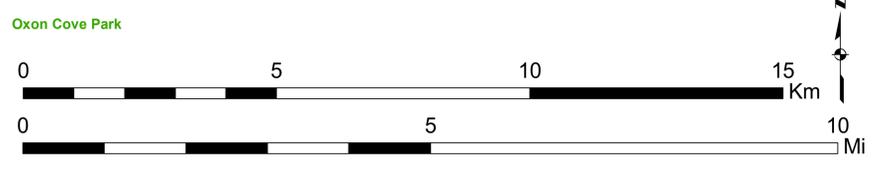
This map graphically presents digital geologic data prepared as part of the NPS Geologic Resources Division's Geologic Resource Evaluation Program. The source map used in creation of the digital geologic data product was:

Southworth, S. and D. Denenny. 2006. Geologic Map of the National Parks in the National Capital Region, Washington D.C., Virginia, Maryland and West Virginia. Scale 1:24,000. U.S. Geological Survey. Open-File Report: OF 2005-1331.

Digital geologic data and cross sections for National Capital Parks-East 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/nrdata/>



Unit Boundaries of National Capital Parks - East	
	Geologic Cross Section Lines
	A-A'
	B-B'
	C-C'
Faults	
	unknown offset/displacement, known or certain
	unknown offset/displacement, concealed
	unknown offset/displacement, inferred
Surficial Contacts	
	known or certain
	map boundary
	water or shoreline
Surficial Geologic Units	
	Qdgl - Disturbed ground and artificial fill
	Qa - Alluvium
	Qt - Terrace deposit, low level
	Qc - Colluvium
	Qd - Debris
	Ql - Landslide
	Qle - Low-level fluvial and estuarine deposits
	Qte - Upper-level fluvial and estuarine deposits
	QT1 - Terrace deposits, upper level
	Tt - Terrace deposits
	Ttu - Highest level upland terrace deposits
	Tyb - Yorktown and Bacons Castle Formations, undivided
	Tc - Calvert Formation
	Tn - Nanjemoy Formation
	Tm - Marlboro Clay
	Ta - Aquia Formation
	TKb - Brightseat and Monmouth Formations, undivided
	Kn - Monmouth Formation
	Ks - Severn Formation
	Kp - Potomac Formation, undivided
	Kpc - Potomac Formation, clay-dominated lithofacies
	Kps - Potomac Formation, sand-dominated lithofacies



Geologic Contacts	
	known or certain
	concealed
	map boundary
	water or shoreline
Bedrock Geologic Units	
	PZq - Vein quartz bodies
	Di - Lamprophyre dike
	Op - Pegmatite
	Oc - Clarendon Granite
	Ok - Kensington Tonalite
	Odm - Dalecarlia Intrusive Suite, Biotite monzogranite and lesser granodiorite
	Odt - Dalecarlia Intrusive Suite, Muscovite trondhjemite
	Ogh - Georgetown Intrusive Suite, Biotite - hornblende tonalite
	Ogg - Georgetown Intrusive Suite, Quartz gabbro
	Ogb - Georgetown Intrusive Suite, Biotite tonalite
	Ogr - Georgetown Intrusive Suite, Garnetiferous biotite - hornblende tonalite
	Ogus - Georgetown Intrusive Suite, Soapstone and talc schist
	Ogu - Georgetown Intrusive Suite, Ultramafic rocks
	Ogp - Georgetown Intrusive Suite, Pyroxenite
	Ob - Bear Island Granodiorite
	Og - Granite
	Cs - Sykesville Fm. Diamicite
	Cst - Sykesville Fm. Diamicite tectonite
	Csg - Sykesville Fm. Metagraywacke and schist
	Csp - Sykesville Fm. Chlorite-sericite phyllonite
	Cl - Laurel Fm
	CZd - Diamicite
	CZms - Mather Gorge Fm. Schist
	CZmg - Mather Gorge Fm. Metagraywacke
	CZmng - Mather Gorge Fm. Migmatic metagraywacke
	CZmms - Mather Gorge Fm. Migmatic schist
	CZmmp - Mather Gorge Fm. Migmatic phyllonite
	CZmss - Mather Gorge Fm. Sheared Migmatic schist and Migmatic phyllonite
	CZu - Ultramafic rocks
	CZa - Amphibolite
	CZg - Metagabbro and metapyroxenite
	CZi - Soapstone, talc schist, and actinolite schist

