CORRELATION OF STRATIGRAPHIC UNITS

[Fm., Formation; Grp., Group; CS, clay and silt; L, limestone; M, mixed; MP, mixed, with peat; SG, sand and gravel; X, crystalline]

Series		Formations and informal stratigraphic units (predominant sediment texture)			
		New Jersey and Pennsylvania	Delmarva Peninsula	Maryland and Virginia, west of Chesapeake Bay and south to Northern North Carolina	Southern North Carolina, south of Albemarle Sound
Quaternary	Holocene	Coextensive surficial deposits: Beach (SG), Tidal Marsh (MP), Swamp (MP), and Alluvial Valley Swamp (MP)			
	Pleistocene	Cape May Fm. Undivided (SG)[1,2]; Van Sciver Lake Beds (SG)[1]; Cape May 1 Fm. (SG, M–see plate 3)[1]; Spring Lake Beds (SG)[1,2]; Cape May 2, 3 Fms. (SG, M–see plate 3)[1]	Parsonsburg Sand (SG)[3]; Kent Island Fm. (M)[4]; Scotts Corner Fm. (M)[6]; Sinepuxent Fm. (SG)[4]; Wachapreague Fm. (SG)[5,7]; Joynes Neck Sand (SG)[5,7]; Lynch Heights Fm. (M)[6]; Nassawadox Fm. Undivided (SG)[5,7]; Omar Fm. (M)[7]	Kent Island Fm. (M)[4]; Tabb Fm. (M)[5]; Shirley Fm. (M)[5]	Tabb Fm. (M)[5]; Wando Fm. (M)[8]; Socastee Fm. (M)[8]
			Columbia Fm. (SG)[35]	Charles City Fm. (M)[5]; Windsor Fm. (M)[5]	Penholoway Fm. (M)[8]; Waccamaw Fm. (SG)[8]
Tertiary	Pliocene		Beaverdam Fm. (SG)[10,11]; Yorktown Fm. (fine member)(SG)[16]	Bacons Castle Fm. (CS, SG–see plate 3)[17,18]; Pliocene Sands and Gravels (SG)[5]; Yorktown Fm. (fine member) (CS)[16]; Yorktown Fm. (coarse member) (SG)[16]	Bear Bluff Fm. (M)[8]; Duplin Fm. (SG)[8]; Yorktown Fm. (fine member) (CS)[16]; Yorktown Fm. (coarse member) (SG)[16]
	Miocene	Pensauken Fm. (SG)[1,2]; Bridgeton Fm. (SG)[1]; Bryn Mawr Gravels (SG)[9]; Cohansey Fm. (SG)[1,34]; Kirkwood Fm. (SG)[1,30]	Manokin B Fm. (SG)[12,13]; Manokin A Fm. (CS)[12,13]; Post-Choptank Chesapeake Grp. (M); St Marys Fm. (CS)[14]; Choptank Fm. (SG)[14,15]; Calvert Fm. (CS)[14,15,31]	Chesapeake Grp. (M)[5]; Eastover Fm. (M)[16]; St. Marys, Choptank, and Calvert Fms., Undivided (CS)[19,20,21]; St. Marys Fm. (CS)[14]; Choptank Fm. (SG)[14,15]; Brandywine Fm. (SG)[22,23]; Bon Air Gravels (SG)[24]; Calvert Fm. (CS)[14,15]	Miocene Sands and Gravels (SG)[5,25]; Pungo River Fm. (CS)[26]
	Oligocene				Belgrade Fm. (SG)[25]; River Bend Fm. (L)[25]
	Eocene	Shark River Fm. (SG)[32]; Manasquan Fm. (M)[27,32]		Pamunkey Grp. (M)[15]; Lower Tertiary Fms. Undivided (SG)[5]; Nanjemoy Fm. (CS)[21]	Castle Hayne Fm. (L)[25]
	Paleocene	Vincentown Fm. (SG)[28,32]; Hornerstown Fm. (M)[28,32]	Vincentown Fm. (SG)[28]; Hornerstown Fm. (SG)[28]	Aquia Fm. (SG)[14,15]	
Cretaceous	Upper	Tinton Fm. (SG)[32]; Red Bank Fm. Undivided (SG)[27,32]; Navesink Fm. (M)[27,32]; Wenonah and Mt. Laurel Fms. (SG)[27,28]; Marshalltown Fm. (M)[28]; Englishtown Fm. (M)[28]; Woodbury Clay (CS)[27]; Merchantville Fm. (CS)[28,32]; Potomac Grp.; Magothy Fm. (SG)[15]	Mt. Laurel Fm. (SG)[28]; Marshalltown Fm. (M)[28]; Englishtown Fm. (M)[28]; Merchantville Fm. (CS)[28]; Magothy Fm. (SG)[14,15]	Monmouth Fm. (SG)[14,15]; Matawan Fm. (SG)[14,15]; Magothy Fm. (SG)[14,15]	Peedee Fm. Black Creek Grp. Middendorf Fm. Cape Fear Fm. Undivided (M)[25,33]; Peedee Fm. (M)[25]; Black Creek Grp. (CS)[25,33]; Middendorf Fm. (SG)[25]
	Lower	Raritan and Magothy Fms., Undivided (SG)[30]; Raritan Fm. (SG)[27]; Potomac Grp. (SG)[27,30]	Potomac Grp. (SG)[15,27]	Potomac Grp. (SG)[15,27,29]; Patapsco Fm. (SG)[15,27]; Arundel Fm. (CS)[15,27]; Patuxent Fm. (SG)[15,27]	Cape Fear Fm. (SG)[25]
Pre-Cretaceous		Undifferentiated Consolidated Rocks of the Piedmont Province (X)			

[1] Newell and others, 1995
[2] Owens and Minard, 1979
[3] Denny and others, 1979
[4] Owens and Denny, 1985
[5] Mixon and others, 1989
[6] Ramsey, 1992
[7] Mixon, 1985
[8] Owens, 1989
[9] Pazzaglia, 1993
[10] Owens and Denny, 1978
[11] Owens and Denny, 1979
[12] Andres and Ramsey, 1995
[13] Ramsey and Schenk, 1990
[14] Cleaves and others, 1968
[15] Vroblesky and Fleck, 1991
[16] Ward and Blackwelder, 1980
[17] Ramsey, 1988
[18] Oaks and Coch, 1973
[19] McCartan, 1989a
[20] McCartan, 1989b
[21] Hansen, 1986
[22] Hack, 1955
[23] Glaser, 1971
[24] Goodwin, 1980
[25] North Carolina Geological Survey, 1985
[26] Winner and Coble, 1996
[27] Owens, 1957
[28] Benson and Spoljaric, 1966
[29] Cooke and others, 1952
[30] Zapecza, 1989
[31] Glaser, 1976
[32] Owens and others, 1999
[33] Sohl and Owens, 1991
[34] Newell and others, 2000
[35] Benson, 1990; Groot and Jordan, 1999

Correlation modified from Jordan and Smith, 1983; Meng and Harsh, 1988; Zapecza, 1989; Vroblesky and Fleck, 1991; Trapp, 1992; Winner and Coble, 1996.