

| 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) Qb Qtm Qsw Qavs | | | |
| | Pleistocene | Qv Van Sciver Lake Beds (SG) ¹ | Qp Parsonsburg Sand (SG) ³ | | |
| | | Qcms Cape May Fm. Undivided (SG) ^{1,2} | Qk Kent Island Fm. (M) ⁴ Qsc Scotts Corner Fm. (M) ⁶ Qs Sinepuxent Fm. (SG) ⁴ Qwa Wachapreague Fm. (SG) ^{5,7} Qj Joynes Neck Sand (SG) ^{5,7} | Qk Kent Island Fm. (M) ⁴ Qt Tabb Fm. (M) ⁵ | Qt Tabb Fm. (M) ⁵ Wando Fm. (M) ⁸ |
| | | Qsl Spring Lake Beds (SG) ^{1,2} | Qlh Lynch Heights Fm. (M) ⁶ Qn Nassawadox Fm. Undivided (SG) ^{5,7} Qo Omar Fm. (M) ⁷ | Qsh Shirley Fm. (M) ⁵ | Socastee Fm. (M) ⁸ |
| | | Qcm Cape May 2, 3 Fms. (SG, M—see plate 3) ¹ | | Qcc Charles City Fm. (M) ⁵ | Penholoway Fm. (M) ⁸ |
| | | | Qtc Columbia Fm. (SG) ³⁵ | Qtw Windsor Fm. (M) ⁵ Waccamaw Fm. (SG) ⁸ | |
| | | | Tbd Beaverdam Fm. (SG) ^{10,11} | Tbc Bacons Castle Fm. (CS, SG—see plate 3) ^{17,18} Bear Bluff Fm. (M) ⁸ | |
| | | | | Tpsg Pliocene Sands and Gravels (SG) ⁵ | |
| | | | Yorktown Fm. (fine member) (SG) ¹⁶ | Td Duplin Fm. (SG) ⁸ Yorktown Fm. (fine member) (CS) ¹⁶ Yorktown Fm. (coarse member) (SG) ¹⁶ | |
| | | Tp Pensauken Fm. (SG) ^{1,2} | | | |
| Tertiary | Pliocene | | Manokin B Fm. (SG) ^{12,13} Manokin A Fm. (CS) ^{12,13} | Post-Choptank Chesapeake Grp. (M) | |
| | | Tbt Bridgeton Fm. (SG) ¹ | | | |
| | Miocene | Tbm Bryn Mawr Gravels (SG) ⁹ | St Marys Fm. (CS) ^{14,15} | Tccs St. Marys, Choptank, and Calvert Fms., Undivided (CS) ^{19,20,21} | Tb Tba St. Marys Fm. (CS) ¹⁴ Brandywine Fm. (SG) ^{22,23} Bon Air Gravels (SG) ²⁴ |
| | | Tch Cohanse Fm. (SG) ^{1,34} | Choptank Fm. (SG) ^{14,15} | | Tmsg Miocene Sands and Gravels (SG) ^{5,25} |
| | | Tkw Kirkwood Fm. (SG) ^{1,30} | Calvert Fm. (CS) ^{14,15,31} | | Pungo River Fm. (CS) ²⁶ |
| Oligocene | | | | Belgrade Fm. (SG) ²⁵ River Bend Fm. (L) ²⁵ | |
| Paleocene | Shark River Fm. (SG) ³² | | Tpa Pamunkey Grp. (M) ¹⁵ | Nanjemoy Fm. (CS) ²¹ Aquia Fm. (SG) ^{14,15} | |
| | Manasquan Fm. (M) ^{26,32} | | | Castle Hayne Fm. (L) ²⁵ | |
| | Vincetown Fm. (SG) ^{28,32} Homerstown Fm. (M) ^{28,32} | Vincetown Fm. (SG) ²⁸ Homerstown Fm. (SG) ²⁸ | | | |
| 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} | Mt. Laurel Fm. (SG) ²⁸ | Monmouth Fm. (SG) ^{14,15} | |
| | Lower | Marshalltown Fm. (M) ²⁸ | Marshalltown Fm. (M) ²⁸ | Matawan Fm. (SG) ^{14,15} | |
| | | Englishtown Fm. (M) ²⁸ | Englishtown Fm. (M) | | |
| | | Woodbury Clay (CS) ²⁷ | | | |
| | | Merchantville Fm. (CS) ^{28,32} | Merchantville Fm. (CS) ²⁸ | | |
| | Kpmr Potomac Grp. Raritan and Magothy Fms., Undivided (SG) ³⁰ | Magothy Fm. (SG) ¹⁵ Raritan Fm. (SG) ²⁷ | Magothy Fm. (SG) ^{14,15} Potomac Grp. (SG) ^{15,27} | Magothy Fm. (SG) ^{14,15} Potomac Grp. (SG) ^{15,27,29} | |
| | Kp Potomac Grp. (SG) ^{27,30} | | | Patapsco Fm. (SG) ^{15,27} Arundel Fm. (CS) ^{15,27} Patuxent Fm. (SG) ^{15,27} | |
| | | | | Peedee Fm. (M) ²⁵ Peedee Fm. Black Creek Grp. Middendorf Fm. Cape Fear Fm. Undivided (M) ^{25,33} Black Creek Grp. (CS) ^{25,33} Middendorf Fm. (SG) ²⁵ Cape Fear Fm. (SG) ²⁵ | |
| Pre-Cretaceous | PDMNT Undifferentiated Consolidated Rocks of the Piedmont Province (X) | | | | |

Map explanation modified from Reference 2.5.1-11

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| PSEG Power, LLC PSEG Site ESPA Part 2, Site Safety Analysis Report |
| Site Regional Geologic Map of the Coastal Plain Explanation FIGURE 2.5.1-3b |
| Rev 0 |