

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

Map explanation modified from Reference 2.5.1-11

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