

	Principal lithology	Hydrogeologic nomenclature	
	Sand and gravel	Surficial aquifer	system
	Clay and silty clay	Confining unit	
	Sand	Chesapeake aquifer	
	Silt and clay		
	Sand, locally phosphatic		
	Clay and sandy clay	Confining unit	
	Limestone and fine to coarse, glauconitic sand	Castle Hayne–Aquia aquifer	Plain
	Silt and clay		
	Fine to coarse, glauconitic or shelly sand		
	Silt and clay	Confining unit	Coastal
	Fine to medium, glauconitic sand	Severn–Magothy aquifer	Atlantic
	Clay and silt		
	Fine to medium, clayey sand		
	Clay and silty clay		
	Fine to medium sand		
	Clay and sandy clay		
	Fine to medium sand	Potomac aquifer	Northern
	Clay and sandy clay		
	Fine to coarse sand		
	Clay and silt	Confining unit	

Modified from Trapp & Horn, 1997, HA 730-L.

Figure 1-4. Although a large number of local aquifers and confining units have been identified in the sediments of the Northern Atlantic Coastal Plain, these hydrogeologic units can be grouped into six regional aquifers separated by four confining units. The gray areas represent missing rocks.