

Table 3. Rock-stratigraphic and hydrogeologic units of the Maryland Coastal Plain (upper Eastern Shore).

[Fm, Formation]

System	Series	Rock-stratigraphic units		Hydrogeologic units	
Quaternary	Holocene	alluvium		Surficial aquifer (called the Columbia aquifer in Delaware and Eastern Shore of Maryland by some authors)	
Tertiary	— ? —	Pensauken Formation			
	Pliocene(?) and/or Upper Miocene(?)	Old Church(?) Formation			
	Paleocene	Aquia Formation		Aquia aquifer (Rancocas in Delaware)	
		Horerstown Formation			
Cretaceous	Upper Cretaceous	Monmouth Group	Severn Formation	Severn confining unit	
			Mt. Laurel Formation	Monmouth aquifer (Mt. Laurel in Delaware)	
		Matawan Group	Marshalltown Fm	Matawan confining unit	
			Englishtown Fm	Matawan aquifer? (Englishtown in Delaware)	
			Merchantville Fm	Matawan-Magothy confining unit	
		Magothy Formation		Magothy aquifer	
		Raritan(?) Formation		Magothy-Patapsco confining unit	
		Lower Cretaceous	Potomac Group	Elk Neck Beds	Upper Patapsco aquifer system
	Patapsco Formation			Patapsco confining unit	
				Lower Patapsco aquifer system	
				Arundel Clay	Arundel Clay confining unit
	Patuxent Formation			Patuxent aquifer system	
	Basement complex consisting of undifferentiated crystalline and sedimentary rocks ranging from Precambrian to Paleozoic age				