

Erathem	System	Series	Group	Geologic unit	Principal aquifer or aquifer system		
Cenozoic	Tertiary	Eocene	Wilcox Group	Hatchetigbee Formation	} Lower Wilcox aquifer		
				Tusahoma Formation			
				Nanafalia Formation			
		Paleocene	Midway Group	Naheola Formation			
				Porters Creek Clay			
Mesozoic	Cretaceous	Upper Cretaceous	Selma Group	Prairie Bluff Chalk and Owl Creek Formation	} Ripley aquifer		
				Ripley Formation			
				Demopolis Chalk			
				Coffee Sand Mooreville Chalk			
						Coffee Sand aquifer	} Cretaceous-Paleozoic aquifer system
			Eutaw Group	Eutaw Formation Tombigbee Sand Member McShan Formation	Eutaw-McShan aquifer		
			Tuscaloosa Group	Gordo Formation	Gordo aquifer		
Coker Formation	Coker aquifer						
		Massive sand	Massive sand aquifer				
	Lower Cretaceous		Undifferentiated	Lower Cretaceous aquifer			
Paleozoic	Mississippian			Tuscumbia Formation Fort Payne Formation	Iowa aquifer		
	Devonian			Chattanooga Shale	} Paleozoic aquifer system		
				Harriman Formation			
				Flat Gap Limestone Ross Formation		Devonian aquifer	

Figure 2. Geologic units and principal aquifers in the study area. (Modified from Slack and Darden, 1991; Jennings, 1994.)