WESTERN ALABAMA

Erathem	System	Series		Group	Formations		Aquifer Systems
CENOZOIC	Quaternary	Holocene and Pleistocene			Alluvium and terrace deposits		GULF COASTAL LOWLANDS
	Tertiary	Pliocene			Citronelle Formation		
		Miocene			Undifferentiated deposits Catahoula Sandstone		
		Oligocene			Paynes Hammock Formation Chickasawhay Formation		
				Vicksburg	Bucatunna Formation Byram Formation Glendon Formation Marianna Formation and Mint Springs Formation		FLORIDIAN
				Jackson	Forest Hill Formation and Red Bluff Formation		
		Eocene	upper		Yazoo Clay	Shubuta Member Pachuta Marl Member Cocoa Sand Member North Twistwood Creek Clay Member	
					Moodys Branch Formation		
			middle	Claiborne	Gosport Sand and Lisbon Formation, undivided Tallahatta Formation		
			lower	Wilcox	Hatchetigbee Formation and Bashi Formation		
					Tuscahoma Formation		
		Paleocene			Nanafalia Formation	Grampian Hills Member unnamed member Gravel Creek Sand Member	
					Salt Mountain Limestone		
				Midway	Naheola Formation	Coal Bluff Marl Member Oak Hill Member	
					Porters Creek Formation	Matthews Landing Marl Member	
					Clayton Formation	McBryde Limestone Member Pine Barren Member	
MESOZOIC	Cretaceous	Upper Cretaceous		Selma	Prairie Bluff Chalk		SOUTHEASTERN COASTAL PLAIN
					Ripley Formation	unnamed member	
					Demopolis Chalk		
					Mooreville Chalk	Arcola Limestone Member	
					Eutaw Formation	Tombigbee Sand Member	
				Tuscaloosa	Gordo Formation Coker Formation		
		Lower Cretaceous			Undifferentiated rocks		
PALEOZOIC	Jurassic				Undifferentiated rocks		
	Triassic				Undifferentiated rocks		
	Pennsylvanian				Undifferentiated rocks		
	Ordovician				Undifferentiated rocks		

Hydrogeologic Units

Gulf Coastal Lowland Aquifer (A1)
Floridian Aquifer (A1)
Confining Unit (C1)
Lisbon Aquifer (A2)
Confining Unit (C2)
Nanafalia-Clayton Aquifer (A3)
Confining Unit (C3)
Providence-Ripley Aquifer (A4)
Confining Unit (C4)
Eutaw Aquifer (A5)
Confining Unit (C5)
Tuscaloosa Aquifer (A6)
Confining Unit (C6)

EASTERN ALABAMA

Series and System		Group	Formations	
Holocene and Pleistocene			Alluvium and terrace deposits	
Miocene			Undifferentiated deposits	
Oligocene		Vicksburg	Marianna Formation Bumpnose Formation	
Eocene	upper	Jackson	Ocala Limestone Moodys Branch Formation	
	middle	Claiborne	Lisbon Formation Tallahatta Formation	
	lower	Wilcox	Hatchetigbee Formation Bashi Formation	
Paleocene			Tuscahoma Formation Nanafalia Formation and Baker Hill Formation	
		Midway	Clayton Formation	
Upper Cretaceous		Selma	Providence Sand	unnamed member Perote Member
			Ripley Formation	unnamed member Cusseta Sand Member
			Blufftown Formation	
			Eutaw Formation	Tombigbee Sand Member
		Tuscaloosa	Gordo Formation Coker Formation	
Lower Cretaceous			Undifferentiated rocks	
Jurassic			Undifferentiated rocks	
Triassic			Undifferentiated rocks	
Paleozoic			Undifferentiated rocks	
Precambrian and Paleozoic			Undifferentiated metamorphic and igneous rocks	

PLATE 16.--GENERALIZED CORRELATION CHART SHOWING STRATIGRAPHIC AND HYDROGEOLOGIC UNITS IN THE COASTAL PLAIN OF ALABAMA.