U.S. DEPARTMENT OF THE INTERIOR
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Summary of nomenclature—PLATE 8
Renken, R.A., 1996, Hydrogeology of the Southeastern Coastal Plain aquifer system in Mississippi, Alabama, Georgia, and South Carolina

SURFACE NOMENCLATURE

Series	Provincial Series	Alabama Hilgard (1860)	Alabama Safford (1864), Smith and Johnson (1887), and Smith and others (1894)	Mississippi Stephenson and Monroe (1940)	Western Alabama Monroe, Conant, and Eargle (1946)	Western Alabama Drennen (1953)	Western Alabama Monroe (1964)	Georgia Cooke (1943)	Georgia Eargle (1955)
Upper Cretaceous	Gulfian	Rotten Limestone	Selma Chalk	Selma Chalk	Selma Group	Selma Group	Selma Group	Blufftown Formation	Blufftown Formation
		Tombigbee Sand	Tombigbee Sand Member	Tombigbee Sand Member	Tombigbee Sand Member	Eutaw Formation	Eutaw Formation	Eutaw Formation Tombigbee Sand Member	Eutaw Formation
		Eutaw Sand	Eutaw Formation	Eutaw Formation	Eutaw Formation			Absent	Absent
			Tuscaloosa Formation	(Mississippi only) / (Alabama only)	McShan Formation	McShan Formation	McShan Formation		
				Tuscaloosa Formation	Tuscaloosa Group: Gordo Formation	Tuscaloosa Group: Gordo Formation	Tuscaloosa Group: Gordo Formation	Tuscaloosa Formation	Tuscaloosa Formation
					Coker Formation	Coker Formation: Upper member	Coker Formation: Upper member		
					Eoline Formation	Coker Formation: Eoline Member	Coker Formation: Eoline Member		
					Cottondale Formation	Vick Formation (Bibb County, Alabama, only)			Absent
Lower Cretaceous	Comanchean	Absent	Absent	Absent	Absent	Absent	Absent Vick Formation	Absent	

SUBSURFACE NOMENCLATURE

Mississippi McGlothlin (1944)	Mississippi Mississippi Geological Society (1957)	Mississippi W.H. Moore (1962)	Southwestern Alabama Alverson (1970)	Southeastern Alabama, southern Georgia, and Florida Applin and Applin (1967)	Southwestern Alabama and Florida Winter (1954)	Central Gulf Coast Koons and others (1974)	
						Outcrop	Subsurface
Selma Group	Selma Group	Not described	Selma Group	Rocks of Austin age	Selma	Not described	
Eutaw Formation (upper)	Eutaw Formation		Eutaw Formation and Upper Tuscaloosa Formation undifferentiated	Atkinson Formation: Upper member	Eutaw	Eutaw Group: McShan	Eutaw Group: Eagleford
Lower Eutaw (transition unit)	Eagle Ford Formation (Lower Eutaw Formation) Christmas Sand						
Upper Tuscaloosa Chicken-Feed Chert Zone	Upper Tuscaloosa	Upper Tuscaloosa			Upper Tuscaloosa / Miller Sand Member	Tuscaloosa Group: Gordo	Tuscaloosa Group: Upper
Lower Tuscaloosa: Shale and sand section	Marine Tuscaloosa	Middle Tuscaloosa	Middle Tuscaloosa Formation		Marine Tuscaloosa	Coker: "Coker"	Marine
Lower Tuscaloosa: Marine section	Lower Tuscaloosa: Stringer Member including the McComb, Denkman, and Rollins Sands (Karges, 1962)	Lower Tuscaloosa	Lower Tuscaloosa Formation	Atkinson Formation: Lower member	Lower Tuscaloosa / Pilot Sand Member	Coker: Eoline	Lower: Stringer
Lower Tuscaloosa: Massive sand section	Lower Tuscaloosa: Massive member				Massive sand member	Coker: Cottondale	Lower: Massive
Washita-Fredericksburg undifferentiated	Washita-Fredericksburg undifferentiated	Washita-Fredericksburg undifferentiated	Lower Cretaceous Series	Rocks of Early Cretaceous age	Lower Cretaceous undifferentiated	Not described	

SUMMARY OF NOMENCLATURE SCHEMES APPLIED TO THE TUSCALOOSA GROUP OR FORMATION AND ATKINSON FORMATION

By
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