TERTIARY STRATIGRAPHIC CHART

ERATHEM	SYSTEM	SERIES	GROUP	FORMATION / MBR SURFACE / UPDIP	FORMATION / MBR SUBSURFACE /DOWNDIP		REMARK	
Cenozoic	Quat.	Pleist.		[refer to Quaternary chart]	(Unnamed)		Base of Upland Allogroup equivalent is not definitely known in the subsurface.	
	Tertiary	Pliocene		Upland Allogroup	(Unnamed)			
		Miocene		Blounts Creek Castor Creek	Upper		Fleming Formation and constituent members are recognized in west-central Louisiana; Pascagoula	
				Williamson Creek Dough Hills	Middle Harang Lower - emiline Harang		Clay (equivalent to upper Fleming) underlies Quaternary terrace-associated deposits of the Florida Parishes, but exposures are too localized to depict on the Geologic Map of Louisiana (1984).	
				Carnahan Bayou Lena				
		Oligocene			Anahuac	Plan	Catahoula may be Miocene in part in subsurface.	
				Catahoula	Frio	Hackberry	The lower Miocene, the Anahuac, and the upper Frio intervals include well-developed reef and reef- associated interbedded limestone units in the subsurface of southeastern Louisiana.	
			Vicksburg	Nash Creek (w) Rosefield (e) Sandel	(Undifferentiated except paleontologically)			
		Eocene	Jackson	Mosley Hill Danville Landing	(Undifferentiated except paleontologically)		Predominantly shaly lithofacies with interbedded limestones in Louisiana, and in many places, a basal marl.	
				Yazoo Clay Moodys Branch				
			Claiborne	Cockfield	Cockfield		Well-developed diagenetic ironstone occurs locally at surface and in shallow subsurface, north Louisiana.	
				Cook Mountain	Cook Mountain Sparta			
				Sparta				
				Cane River	Cane River			
				Carrizo	Carrizo 1	Unit I ²	Well developed interbedded lignite units from	
		Paleocene	Wilcox	Sabinetown Pendleton	Upper	Unit II	surface to deep subsurface. Some authors place Carrizo in Claiborne group based on mineralogical and/or sequence-stratigraphic criteria; long-	
				Marthaville	"Big Shale"		standing informal usage places it in Wilcox based on gross e-log facies and gross lithofacies.	
				Hall Summit	Middle	Unit III	gross e-tog factes and gross innotactes.	
				Lime Hill		Cint III	1) Classification of Echols (unpublished data,	
				Converse	Lower	Unit IV	modified after Echols 1991)	
				Cow Bayou			2) Classification of Tye et al. (1991)	
				Dolet Hills		Unit V		
			Midway	Naborton Porters Creek Clay	(undifferentiated except paleontologically)		Local surface exposure only in Caddo Parish.	
				Kincaid				
Mesozoic	Cretaceous		Navarro	Arkadelphia	Arkadelphia			