

GULF COASTAL PLAINS—MISSISSIPPI EMBAYMENT

PRELIMINARY CHART OF STRATIGRAPHIC NOMENCLATURE OF PALEOCENE-EOCENE LIGNITE-BEARING AND ASSOCIATED STRATA

SERIES	GROUP	TEXAS		LOUISIANA	ARKANSAS	MISSOURI	ILLINOIS	KENTUCKY	TENNESSEE	NORTHERN MISSISSIPPI	EAST-CENTRAL MISSISSIPPI	WESTERN ALABAMA	EASTERN ALABAMA	WESTERN GEORGIA		
		SOUTH OF FRIO RIVER	NORTH OF COLORADO RIVER													
UPPER EOCENE	JACKSON	WHITSETT FM.	WHITSETT FM.	MOSLEY HILL FM.								YAZOO FM. SHUBUTA CLAY MBR.	YAZOO FM. SHUBUTA CLAY MBR.	OCALA LIMESTONE	OCALA LIMESTONE	
		MANNING CLAY	MANNING CLAY	DANVILLE LANDING BEDS	REDFIELD FM.								PACHUTA MARL MBR.	PACHUTA MARL MBR.		
		WELLBORN SANDSTONE	WELLBORN SANDSTONE	YAZOO FM.	WHITE BLUFF FM.	JACKSON FM.	ABSENT	JACKSON FM.	JACKSON FM.	UNDIVIDED			COCOA SAND MBR.	COCOA SAND MBR.		
		CADDELL FM.	CADDELL FM.	MOODYS BRANCH FM.	RISON MBR. CANEY POINT MBR.								NORTH TWISTWOOD CREEK CLAY MBR.	NORTH TWISTWOOD CREEK CLAY MBR.	MOODYS BRANCH FM.	MOODYS BRANCH FM.
MIDDLE EOCENE	CLAIBORNE	YEGUA FM.	YEGUA FM.	COCKFIELD FM.	COCKFIELD FM.	COCKFIELD FM.						COCKFIELD FM.	COCKFIELD FM.			
		LAREDO FM.	COOK MOUNTAIN FM.	COCKFIELD FM.	COCKFIELD FM.	COCKFIELD FM.							COCKFIELD FM.	COCKFIELD FM.		
		EL PICO CLAY	SPARTA SAND	COCKFIELD FM.	COCKFIELD FM.	COCKFIELD FM.							COCKFIELD FM.	COCKFIELD FM.		
		BIGFORD FM.	WECHES FM.	SPARTA SAND	SPARTA SAND	SPARTA SAND	ABSENT	CLAIBORNE FM.	COCKFIELD FM.	COCKFIELD FM.	COCKFIELD FM.	COCKFIELD FM.	COCKFIELD FM.	COCKFIELD FM.		
LOWER EOCENE	WILCOX	CARRIZO SAND	QUEEN CITY SAND	CANE RIVER FM.	CANE RIVER FM.	CANE RIVER FM.										
		REKLAW FM.	REKLAW FM.	CARRIZO SAND	CARRIZO SAND	CARRIZO SAND										
		REKLAW FM.	REKLAW FM.	CARRIZO SAND	CARRIZO SAND	CARRIZO SAND										
		REKLAW FM.	REKLAW FM.	CARRIZO SAND	CARRIZO SAND	CARRIZO SAND										
PALEOCENE	MIDWAY	INDIO FM.	SABINETOWN FM.	PENDLETON FM.	MARTHAVILLE FM.	HALL SUMMIT FM.										
		SIMSBO RO FM.	LIME HILL FM.	CONVERSE FM.	DOLET HILLS FM.	CHEMARD LAKE LENTIL	NABORTON FM.									
		HOOPER FM.	CONVERSE FM.	DOLET HILLS FM.	CHEMARD LAKE LENTIL	NABORTON FM.										
		HOOPER FM.	CONVERSE FM.	DOLET HILLS FM.	CHEMARD LAKE LENTIL	NABORTON FM.										
PALEOCENE	MIDWAY	WILLS POINT FM.	PORTERS CREEK CLAY	PORTERS CREEK CLAY	PORTERS CREEK CLAY	PORTERS CREEK CLAY										
		KINCAID FM.	PORTERS CREEK CLAY	PORTERS CREEK CLAY	PORTERS CREEK CLAY	PORTERS CREEK CLAY										
		KINCAID FM.	PORTERS CREEK CLAY	PORTERS CREEK CLAY	PORTERS CREEK CLAY	PORTERS CREEK CLAY										
		KINCAID FM.	PORTERS CREEK CLAY	PORTERS CREEK CLAY	PORTERS CREEK CLAY	PORTERS CREEK CLAY										
PALEOCENE	MIDWAY	WILLS POINT FM.	PORTERS CREEK CLAY	PORTERS CREEK CLAY	PORTERS CREEK CLAY	PORTERS CREEK CLAY										
		KINCAID FM.	PORTERS CREEK CLAY	PORTERS CREEK CLAY	PORTERS CREEK CLAY	PORTERS CREEK CLAY										
		KINCAID FM.	PORTERS CREEK CLAY	PORTERS CREEK CLAY	PORTERS CREEK CLAY	PORTERS CREEK CLAY										
		KINCAID FM.	PORTERS CREEK CLAY	PORTERS CREEK CLAY	PORTERS CREEK CLAY	PORTERS CREEK CLAY										

This chart shows the lower Tertiary geologic names currently in use in the Mississippi embayment. It is not intended to show precise correlations between states, although very general correlations are inferred. The compilers wish to express their thanks for helpful comments and suggestions to N.O. Fredericksen, T.G. Gibson, J.E. Hazel, W.W. Olive, W.S. Parks, and Juergen Reinhardt, all of the U.S. Geological Survey. Thanks are also due the following geologists in alphabetical order: W.V. Bush of the Arkansas Geological Survey; J.C. Cobb of the Kentucky Geological Survey; C.W. Copeland of the Arkansas Geological Survey; W.R. Kaiser of the Texas Bureau of Economic Geology; and D.E. Pope of the Louisiana Geological Survey.

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