FIGURES

PERIOD	EPOCH	STAGE or GROUP	FORMATION	ENVIRONMENTAL DEPOSITIONAL LITHOLOGY	REGULATORY ZONES (relative positions)
QUATERNARY	HOLOCENE	UNDIFFERNTIATED		Fluvial deposits. Medium bedded sandstones and shales.	
	PLEISTOCENE	HOUSTON L. WISCONSIN WISCONSIN E. WISCONSIN SANGAMON ILLINOIAN	BEAUMONT	Fluvial and deltaic deposits.	
		PRE-SANGAMON E. ILLINOIAN YARMOUTH KANSAN	LISSIE	Medium bedded sandstones and shales.	
		AFTONIAN NEBRASKAN	WILLIS		
TERTIARY	PLIOCENE	CITRONELLE GROUP	GOLIAD	Fluvial, deltaic and marginal marine deposits. Medium to thinnly bedded sandstones and shales.	
	MIOCENE	FLEMING GROUP	LAGARTO	Transitional and shallow marine deposits. Medium to massively bedded shales with thin to medium bedded sandstones.	BASE OF LOWER MOST USDW
			OAKVILLE	Barrier/strandplain and shallow marine deposits. Massive to medium bedded sandstones and shales.	
	OLIGOCENE	CATAHOULA GROUP	ANAHUAC	Outer shelf and slope deposits. Massive shale with thin basal sandstones and thin localized limestone.	CONFINING ZONE
			FRIO	Aggradational shoreface and beach deposits. Massive bedded sandstones and shales.	INJECTION ZONE INJECTION INTERVALS
		VICKSBURG GROUP	VICKSBURG	Deltaic, outer shelf and slope deposits. Massive bedded shales and medium bedded sandstones.	

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Figure 4-1 Stratigraphic Column of the Texas Gulf Coast

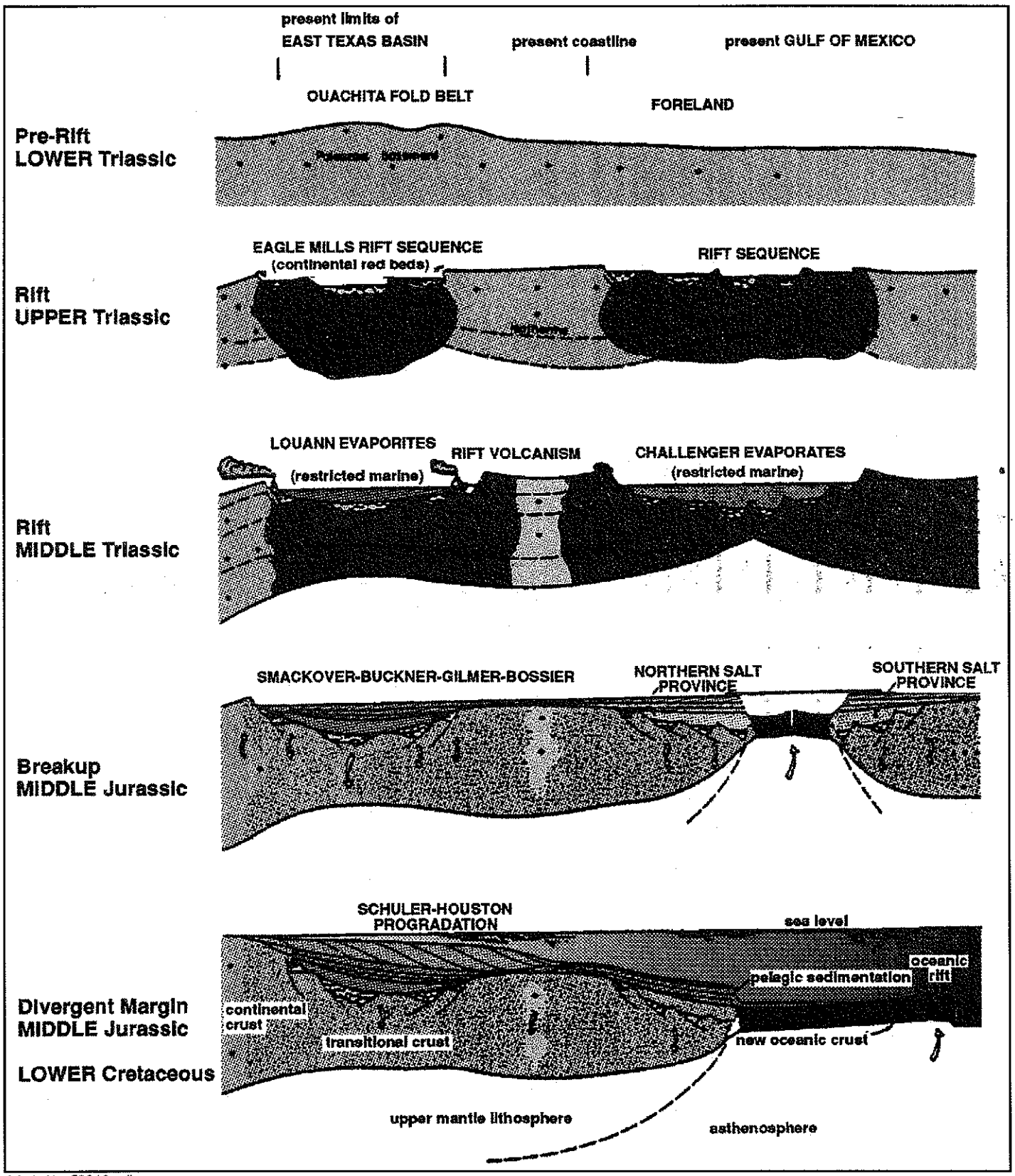

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Figure 4-2 Schematic northwest-southeast cross sections showing evolutionary stages in the formation of the northern Gulf of Mexico and East Texas Basin (from Jackson and Galloway, 1984)

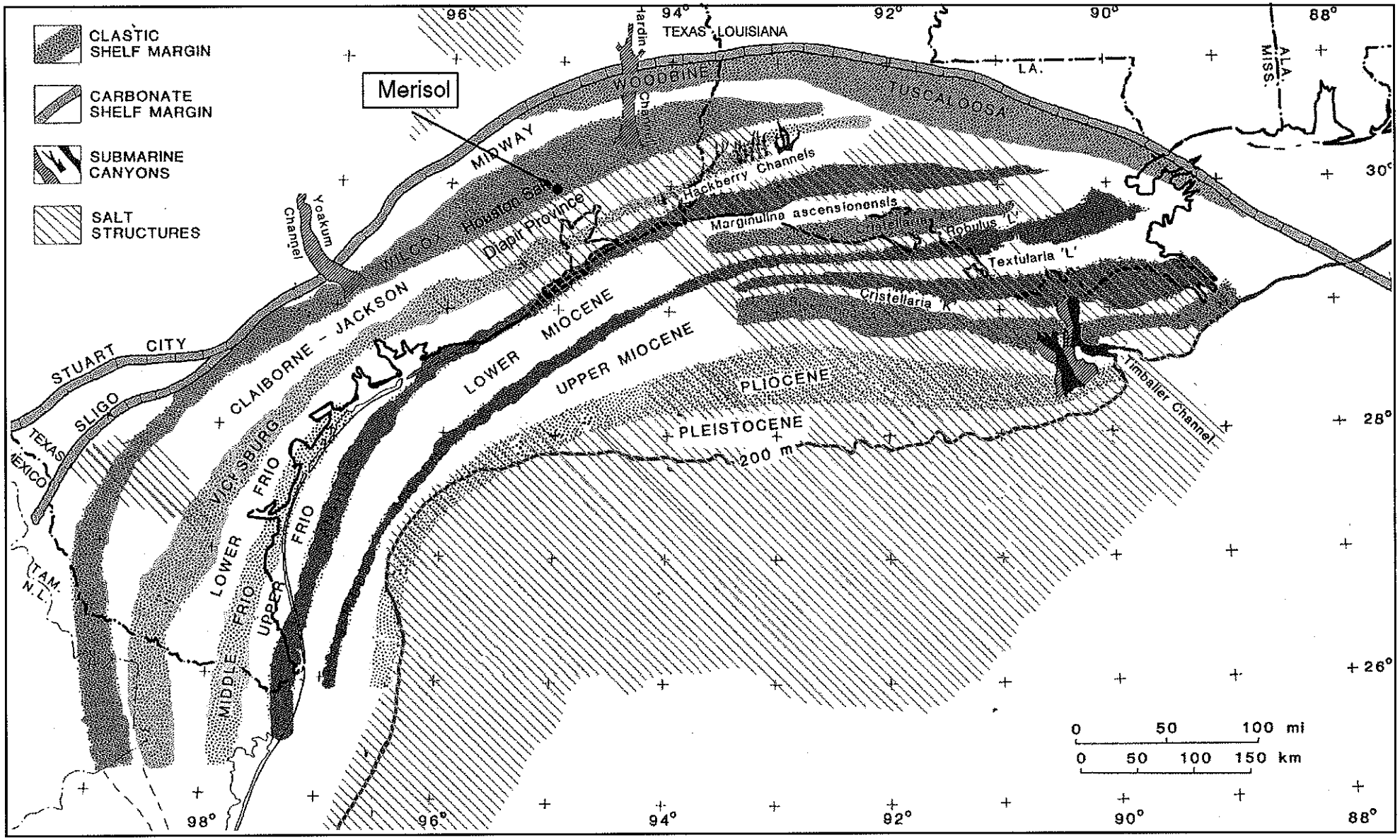

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Figure 4-3 Distribution of Cretaceous and Cenozoic continental margins in the northwestern Gul of Mexico (from Jackson and Galloway, 1984)

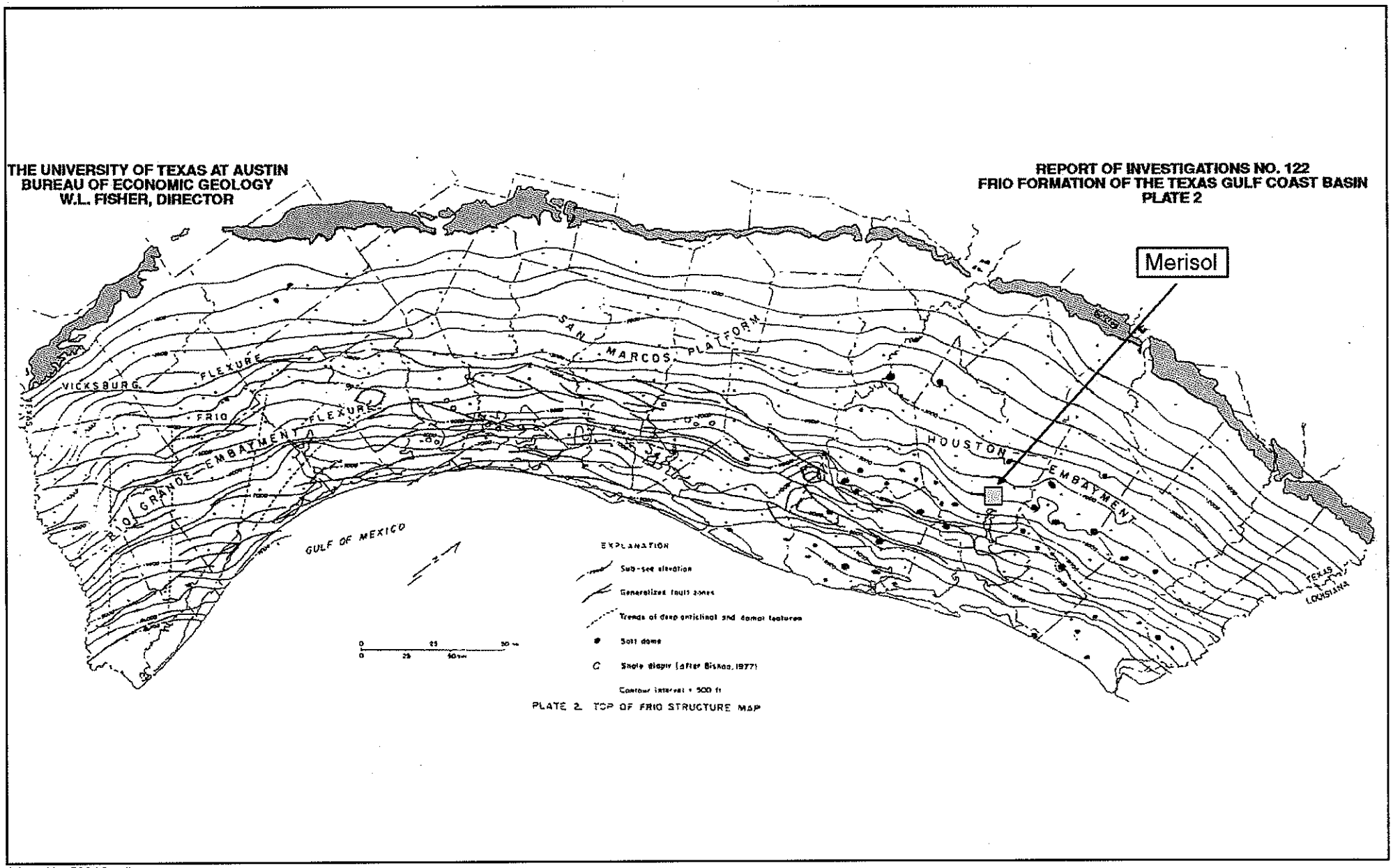

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Figure 4-4 Top of Frio (injection Zone) Structure Map

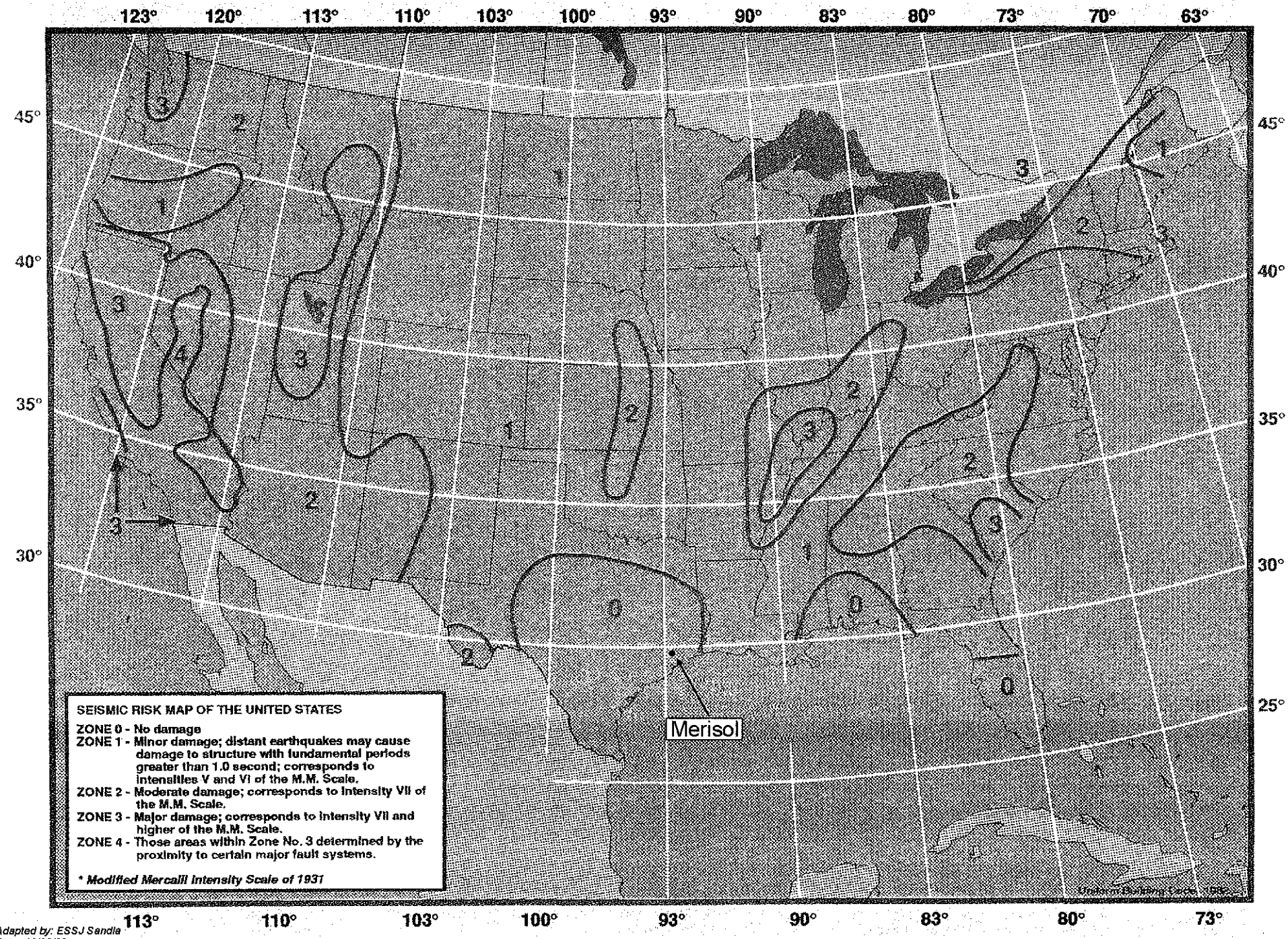

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Figure 4-5 Seismic Risk Map

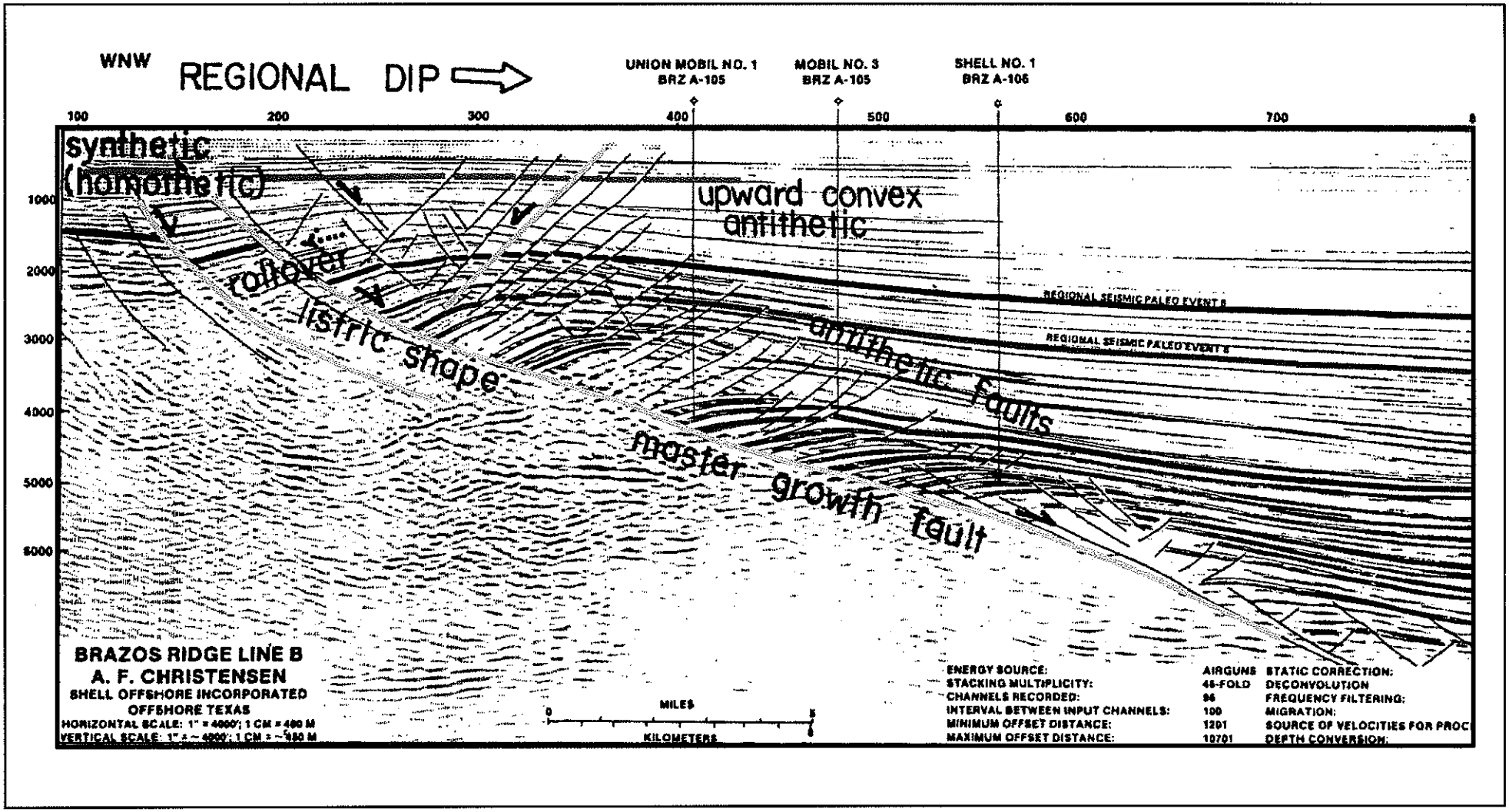

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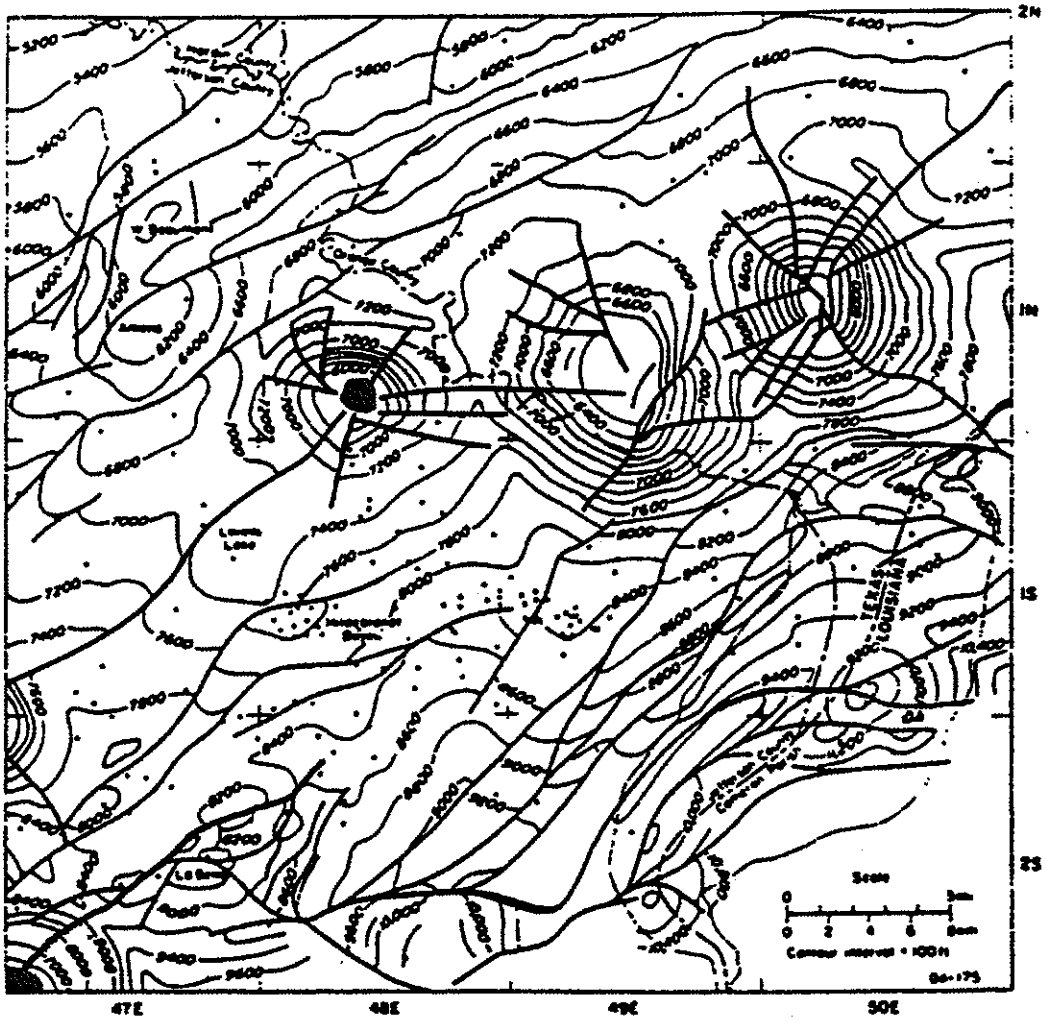
Figure 4-6 Structure of a Gulf Coast Growth Fault (modified from Jackson and Galloway, 1984)



Radial Fault

Salt

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Figure 4-7 Radial faulting from salt structures mapped on the top of the Frio Formation, from Port Arthur Area, Texas (from Jackson and Galloway, 1984)

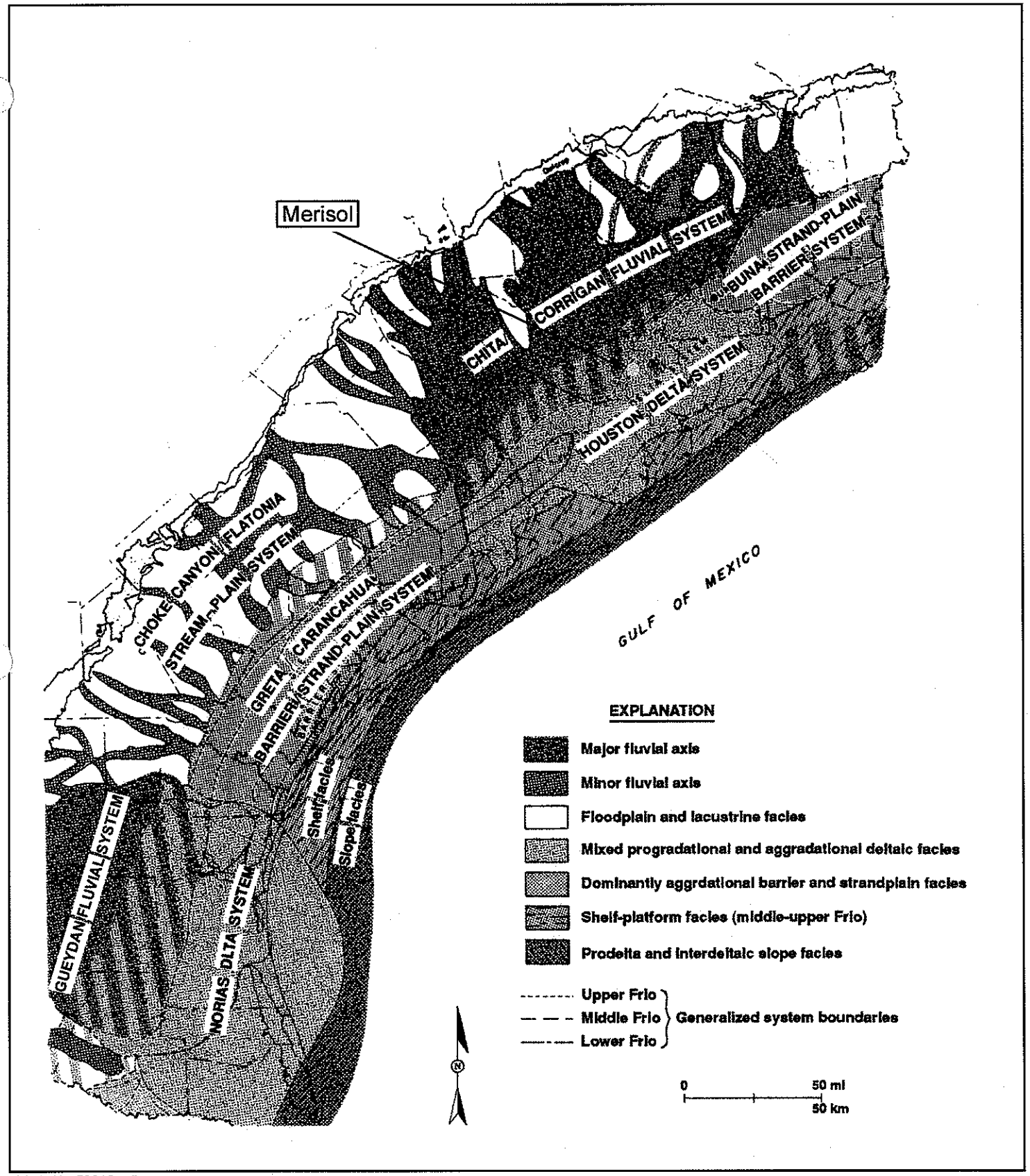

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Figure 4-8 Frio Depositional Systems (from Galloway et al., 1982)

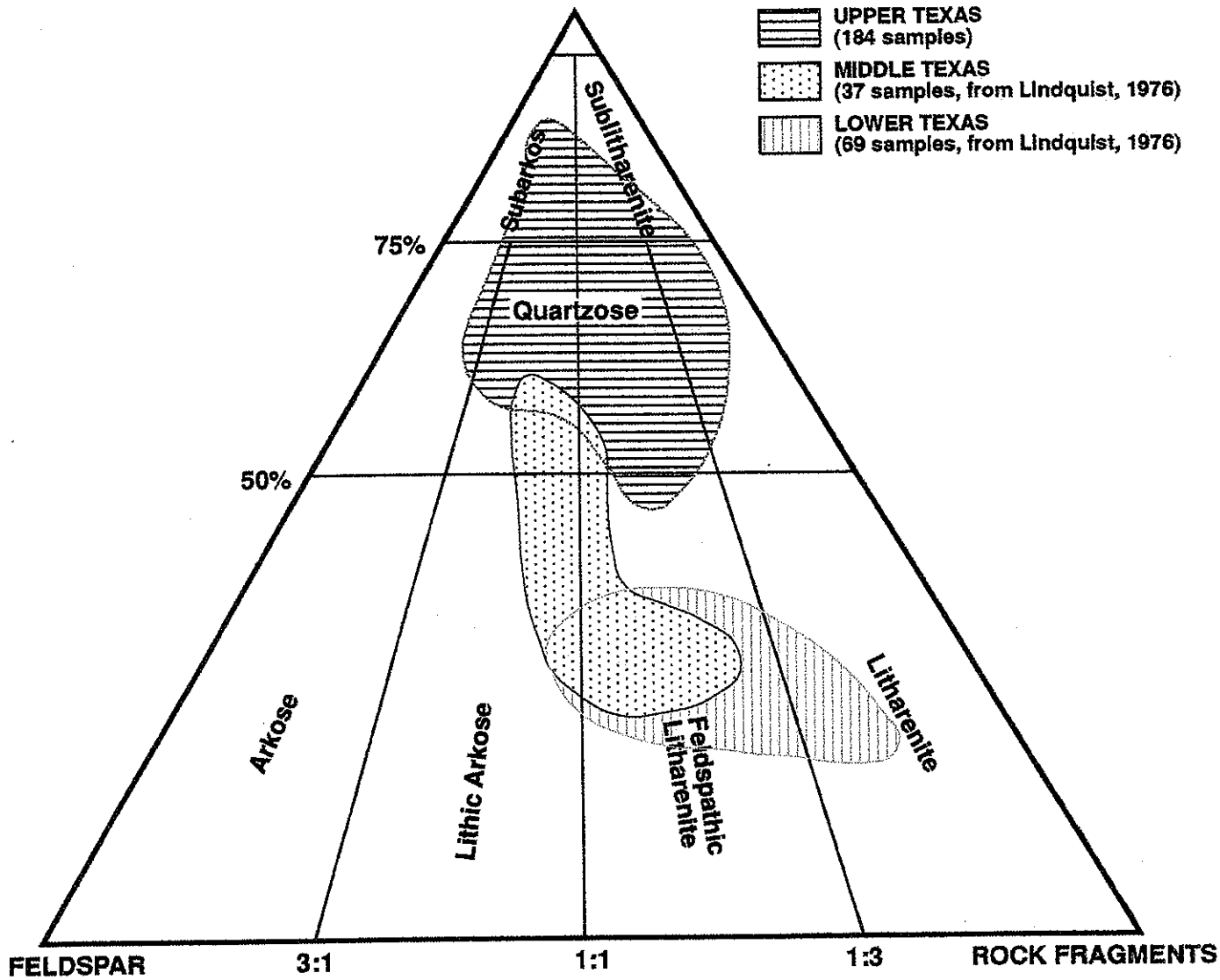

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Figure 4-9 Sandstone Composition - Frio Formation of the Texas Gulf Coast (from Bebout et al., 1978)

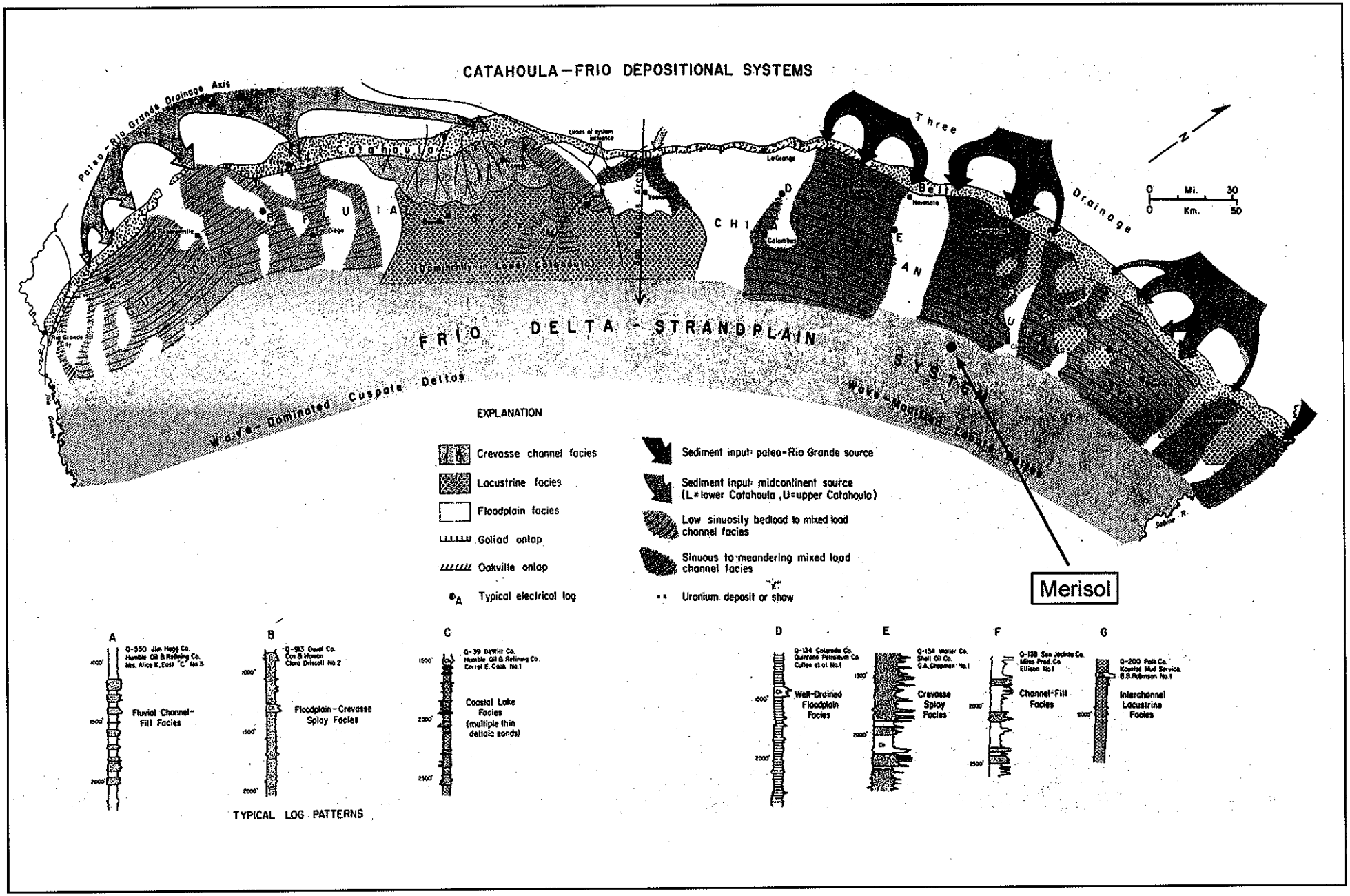

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Figure 4-10 Principal drainage axes for the Chita-Corrigan Fluvial system (from Galloway et al., 1977)

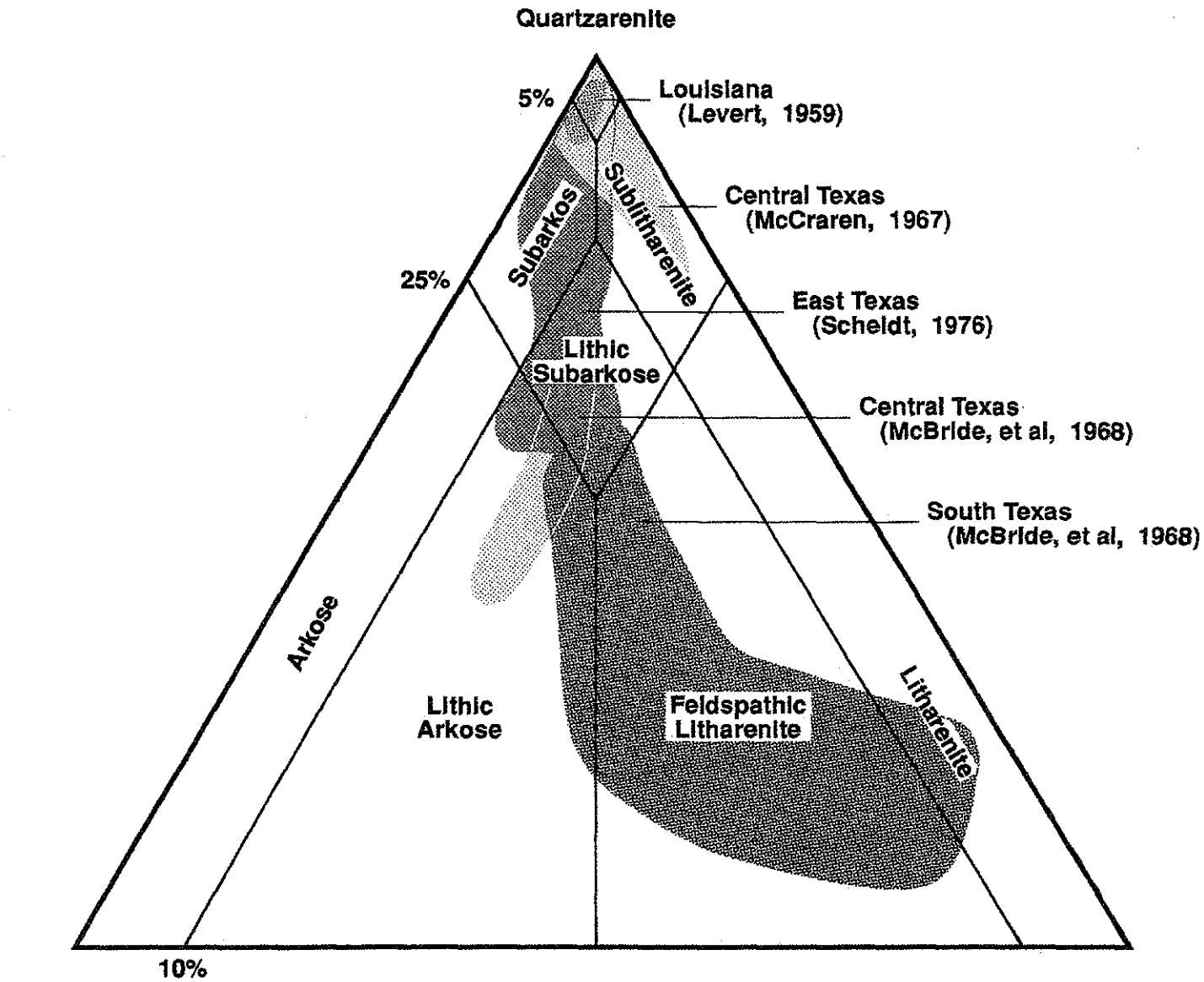

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Figure 4-11 Sandstone composition - Catahoula Formation of the Texas Gulf Coast (from Ledger et al., 1984)

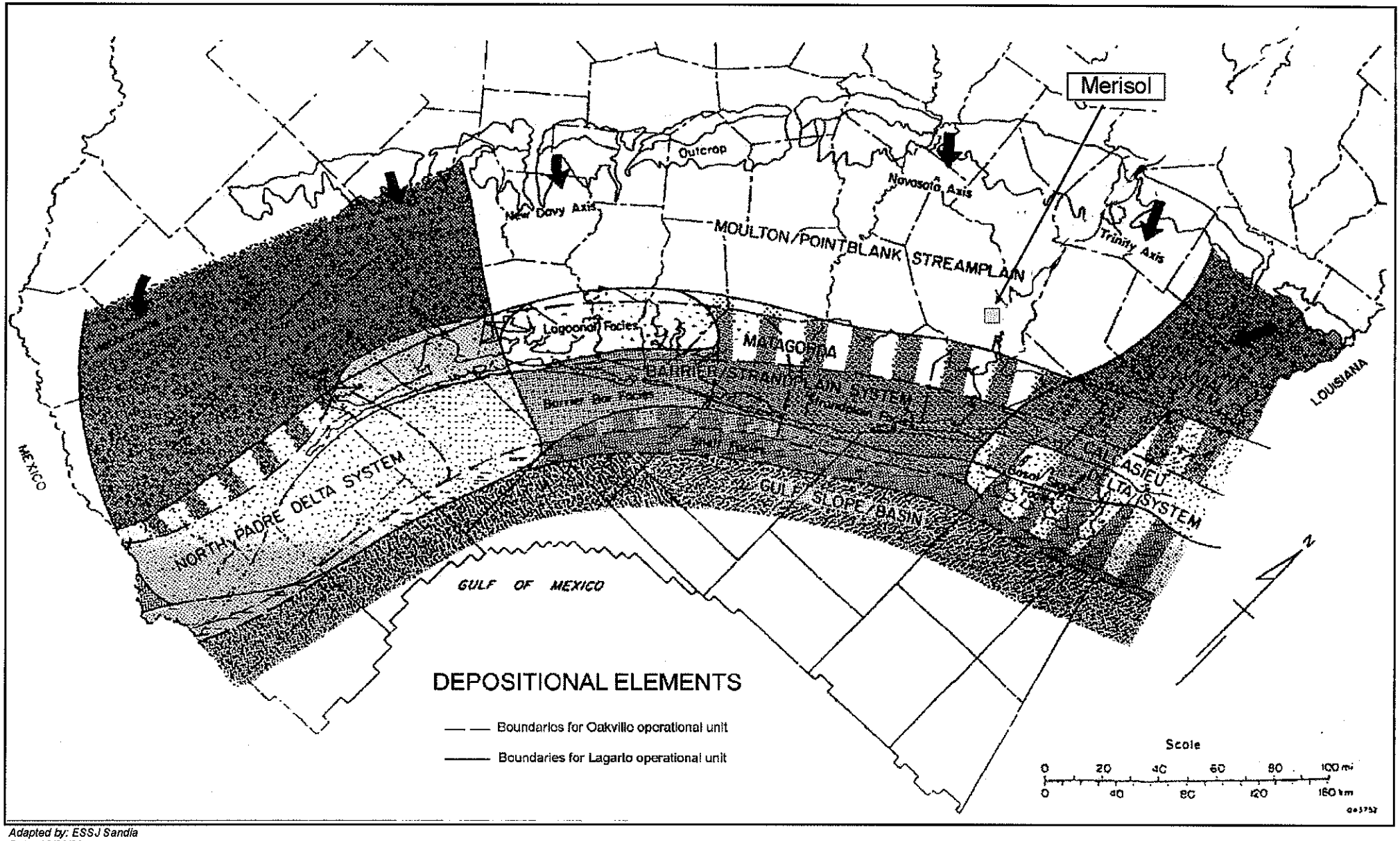

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Figure 4-12 Lower Miocene Depositional Systems (from Galloway, 1985)