

Figure 2.5S.1-1 Map of Physiographic Provinces

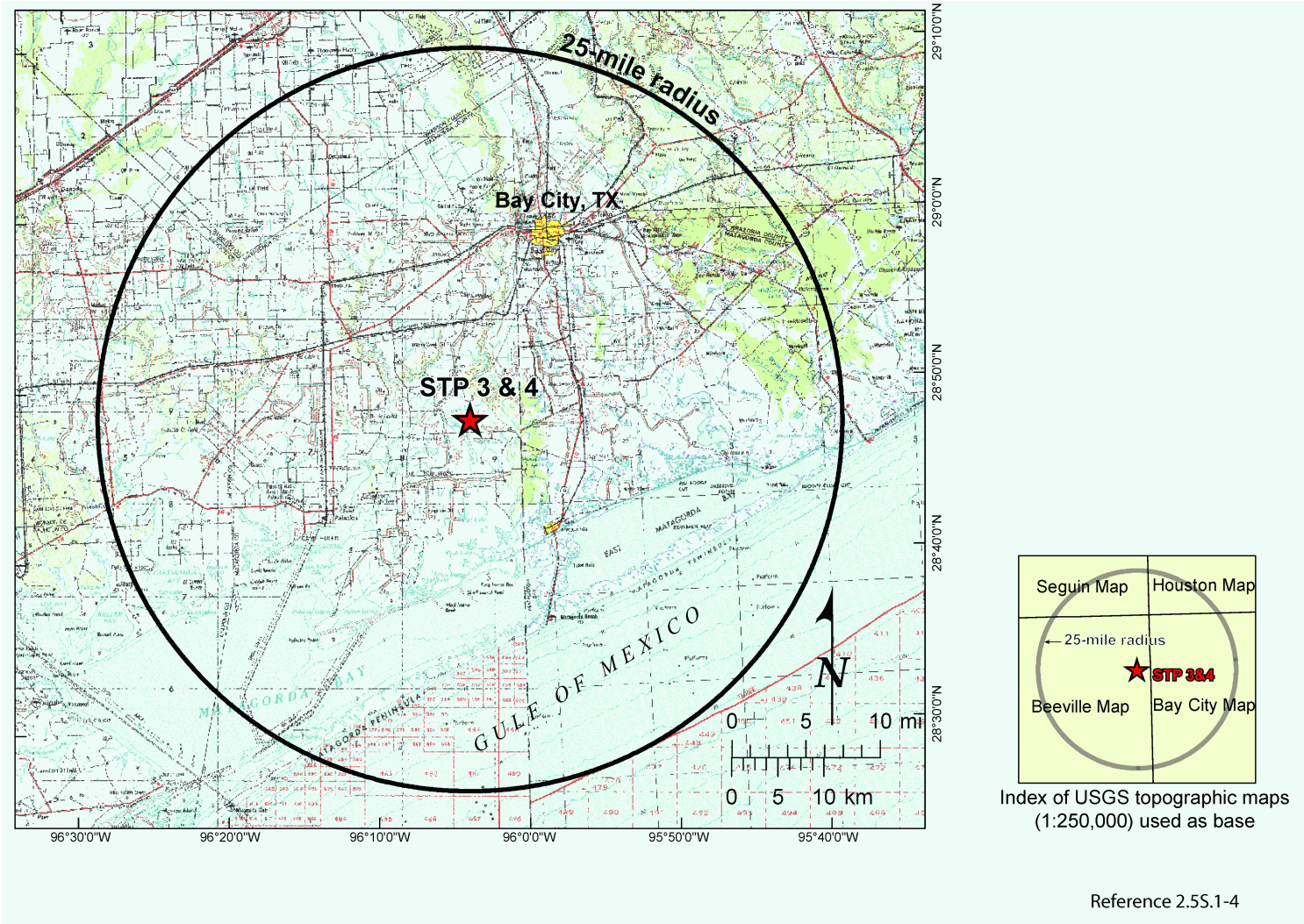


Figure 2.5S.1-2 Site Vicinity Topographic Map (25-mile radius)



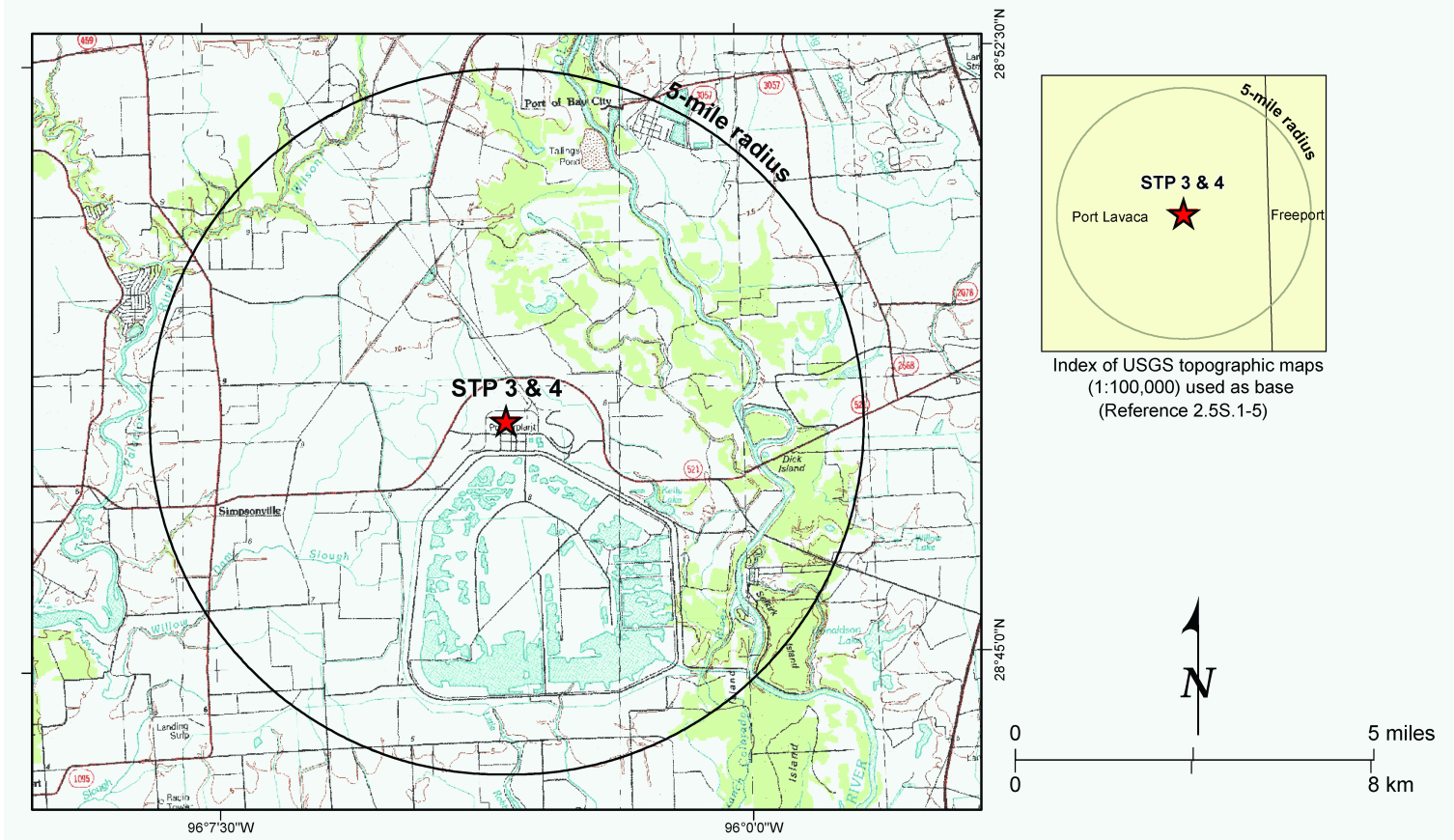


Figure 2.5S.1-3 Site Area Topographic Map (5-mile radius)

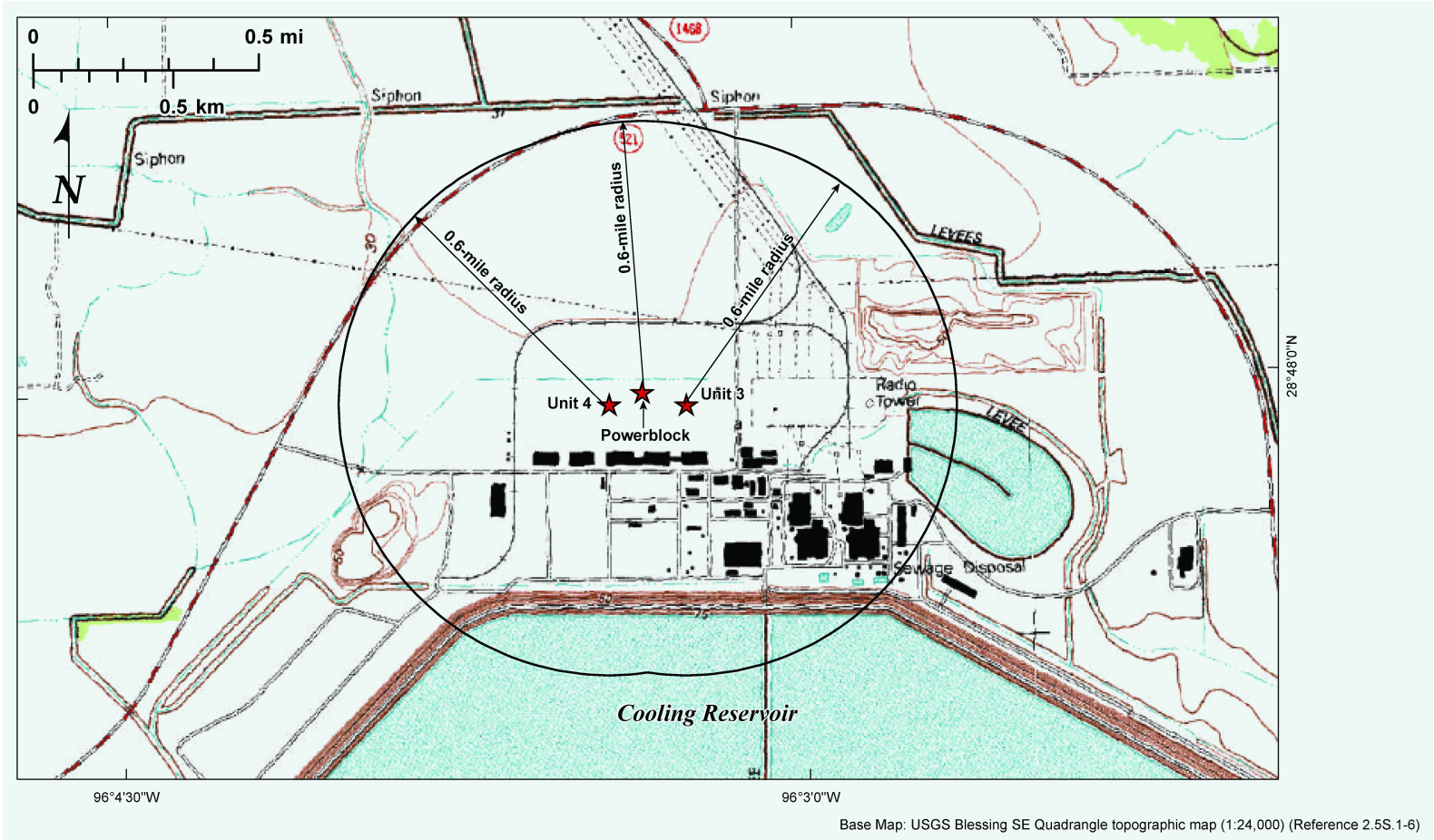
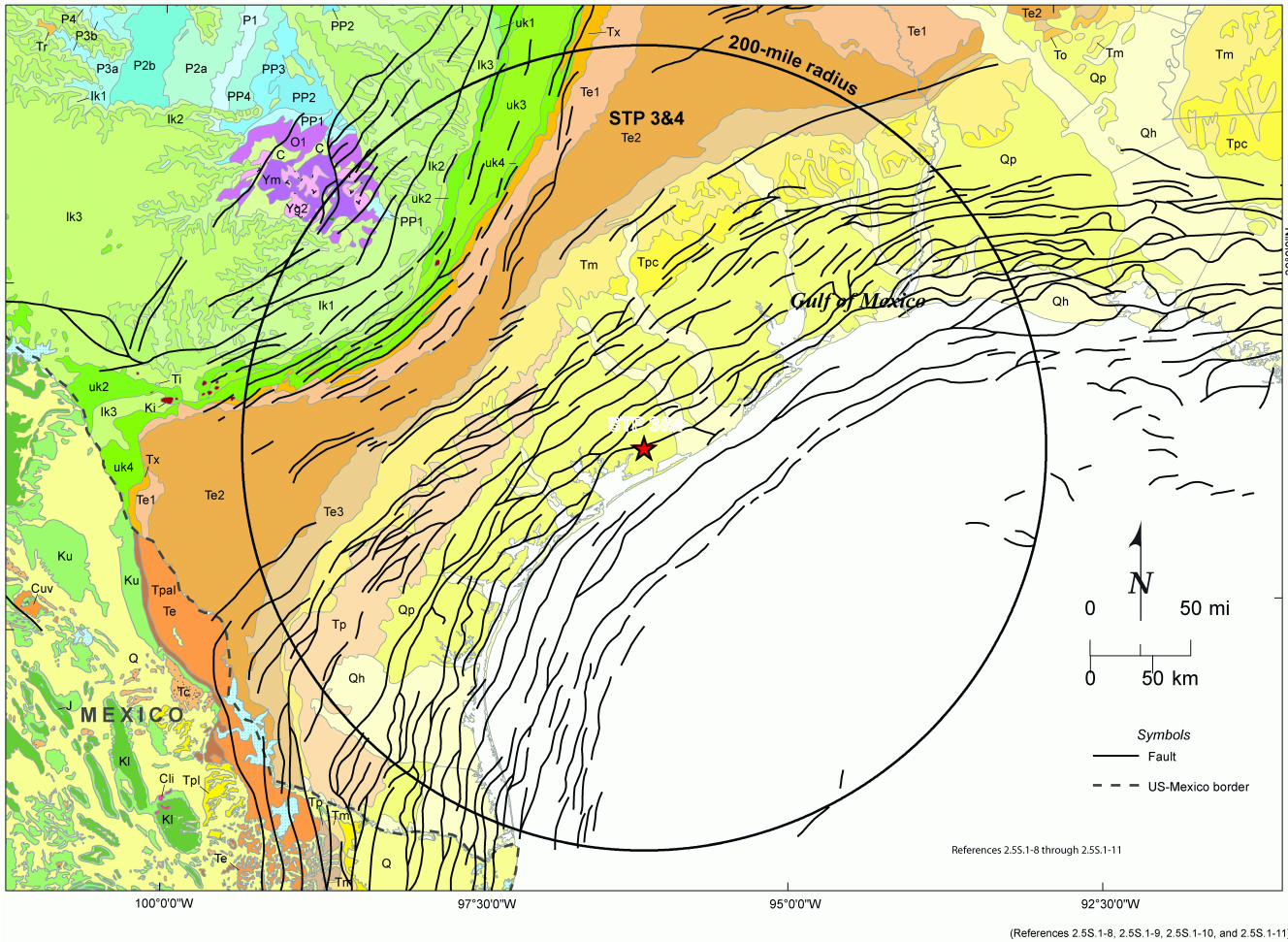


Figure 2.5S.1-4 Site Topographic Map (0.6-mile radius)





**Unit Descriptions**

Geology - United States		Geology - Mexico	
<b>Quaternary</b>			
Qh	Holocene	Q	Quaternary
Qp	Pleistocene	Tpl	Pliocene
<b>Tertiary</b>			
Tp	Pliocene	Tm	Miocene
Tpc	Pliocene continental	To	Oligocene
Tm	Miocene	Te	Eocene
To	Oligocene	Tpal	Paleocene
Te1	Eocene Wilcox Group	TG	Tertiary Continental rocks
Te2	Eocene Claiborne Group	Cuv	Upper Cenozoic volcanic rocks
Te3	Eocene Jackson Group	Ki	Lower Cenozoic intrusive rocks
Tx	Paleocene	Ku	Upper Cretaceous
Ti	Tertiary intrusive rocks	Kl	Lower Cretaceous
		J	Jurassic
		W	Water
<b>Cretaceous</b>			
uK1	Woodbine and Tuscaloosa Groups		
uK2	Austin and Eagle Ford Groups		
uK3	Taylor Group		
uK4	Navarro Group		
IK1	Trinity Group		
IK2	Fredericksburg Group		
IK3	Washita Group		
Ki	Cretaceous intrusive rocks		
<b>Triassic</b>			
Tr	Triassic		
<b>Paleozoic</b>			
P1	Wolfcampian		
P2a	Lower part of Leonardian Series		
P2b	Upper part of Leonardian Series		
P3a	Lower part of Guadalupian Series		
P3b	Upper part of Guadalupian Series		
P4	Ochoan Series		
PP1	Atokan and Morrow Series		
PP2	Des Moines Series		
PP3	Missourian Series		
PP4	Virgilian Series		
O1	Lower Ordovician (Canadian)		
C	Cambrian		
<b>Precambrian</b>			
Yg2	Younger Y granitic rocks		
Ym	Paragneiss and Schist		

Figure 2.5S.1-5 Regional Geological Map (200-mile radius)

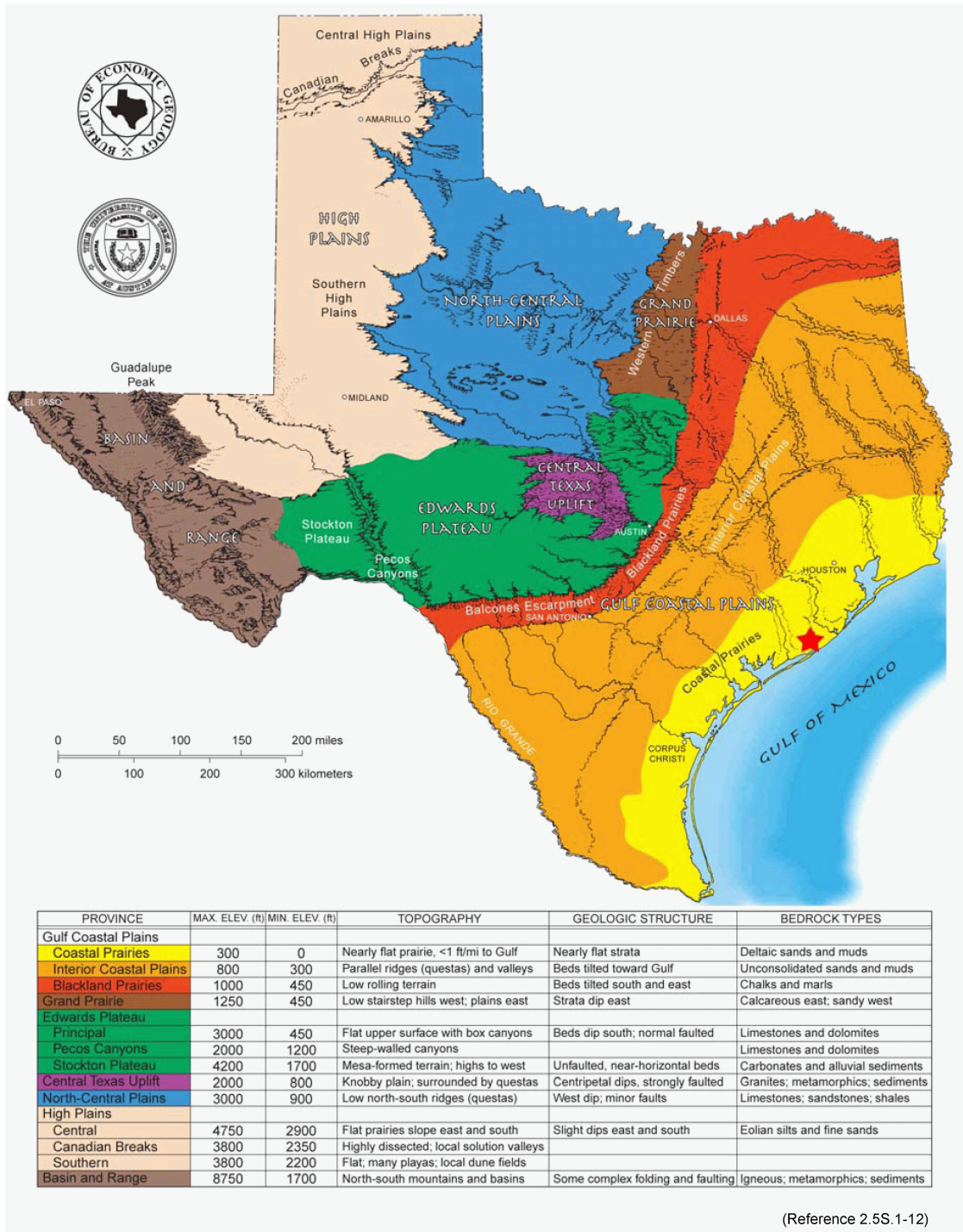
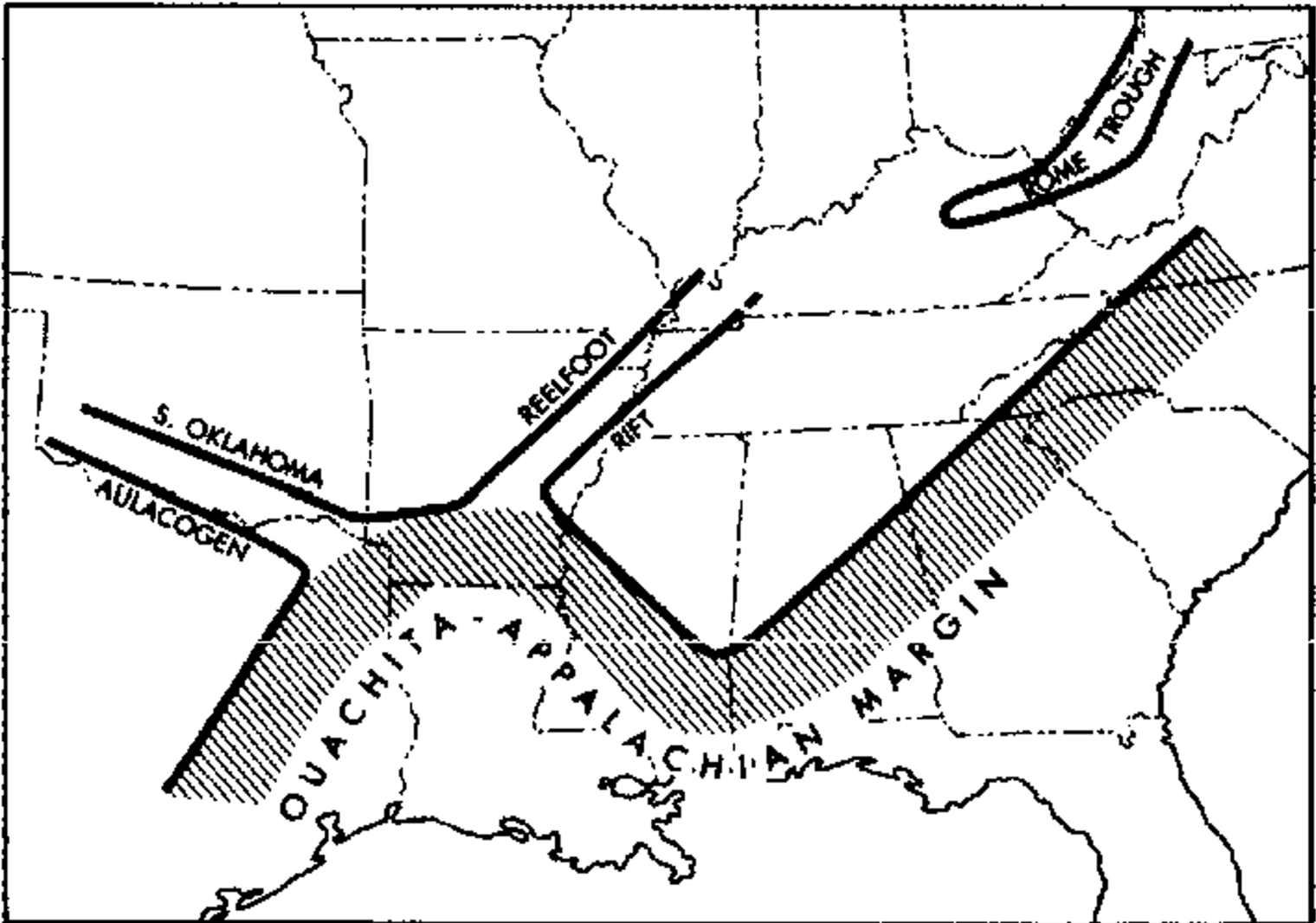


Figure 2.5S.1-6 Physiographic Map of Texas





(Reference 2.5S.1-19)

Figure 2.5S.1-7 Aluacogens of Laurentia

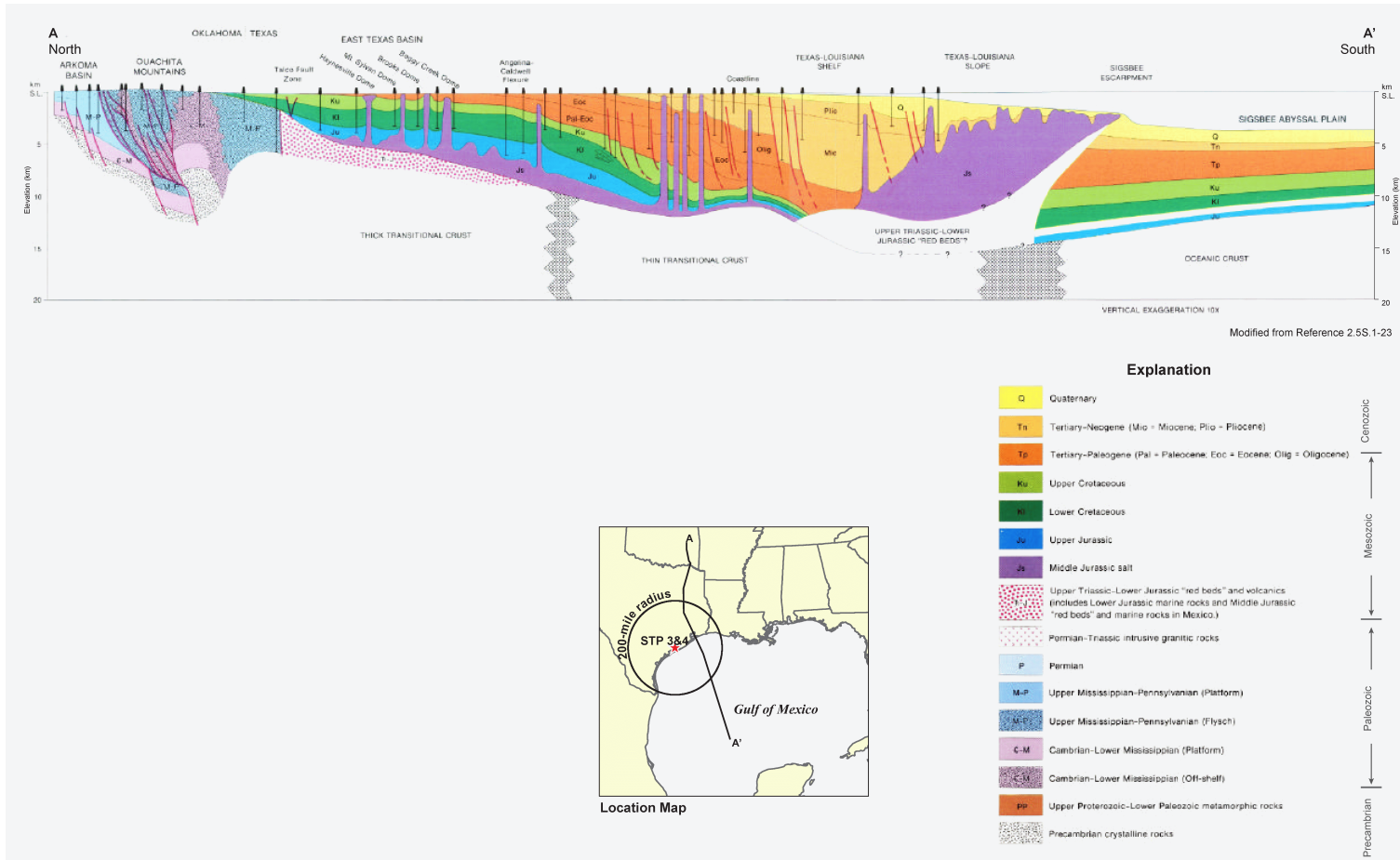


Figure 2.5S.1-8 Crustal Structure of the Quachita Mountains, Coastal Plain, and Northern Gulf of Mexico



ERATHM	SYSTEM	SERIES	AGE m.y	Stage	Group	STP	
Mesozoic	Cretaceous	Gulf Series			Taylor Group	Escondido Formation	
						Olmos Formation	
						San Miguel Formation	
						Upson Formation	
						Anacaho Limestone	
						Austin Group	
			Eagle Ford Group				
			Woodbine Group				
			Upper Cretaceous (Upper Comanche Series)		Fredericksburg Group	Buda Formation	
						Del Rio Formation	
						Georgetown Formation	
						Anacacho Limestone	
		Lower Cretaceous (Lower Comanche Series)		Trinity Group	Stuart City Formation		
					Glen Rose Formation		
				Pearsall Formation	Bexar Shale Member		
					James Limestone Member (Cow Creek Limestone)		
					Pine Island Shale Member		
					Silgo Formation		
					Hosston Formation		
		Jurassic	Upper Jurassic	144	Tithonian	Cotton Valley Group	Schuler Formation
							Bossier Formation
					Kimmeridgian	Louaik Group	Gilmer Member
							Buckner Member
			Middle Jurassic	208	Oxfordian	Louann Group	Smackover Formation
						Norphlet Formation	
						Louann Salt	
	Triassic	Upper Triassic				Eagle Mills Formation	
		Middle Triassic					
		Lower Triassic	245				

(Reference 2.5S.1-25)

Figure 2.5S.1-9 Regional Mesozoic Stratigraphic Column