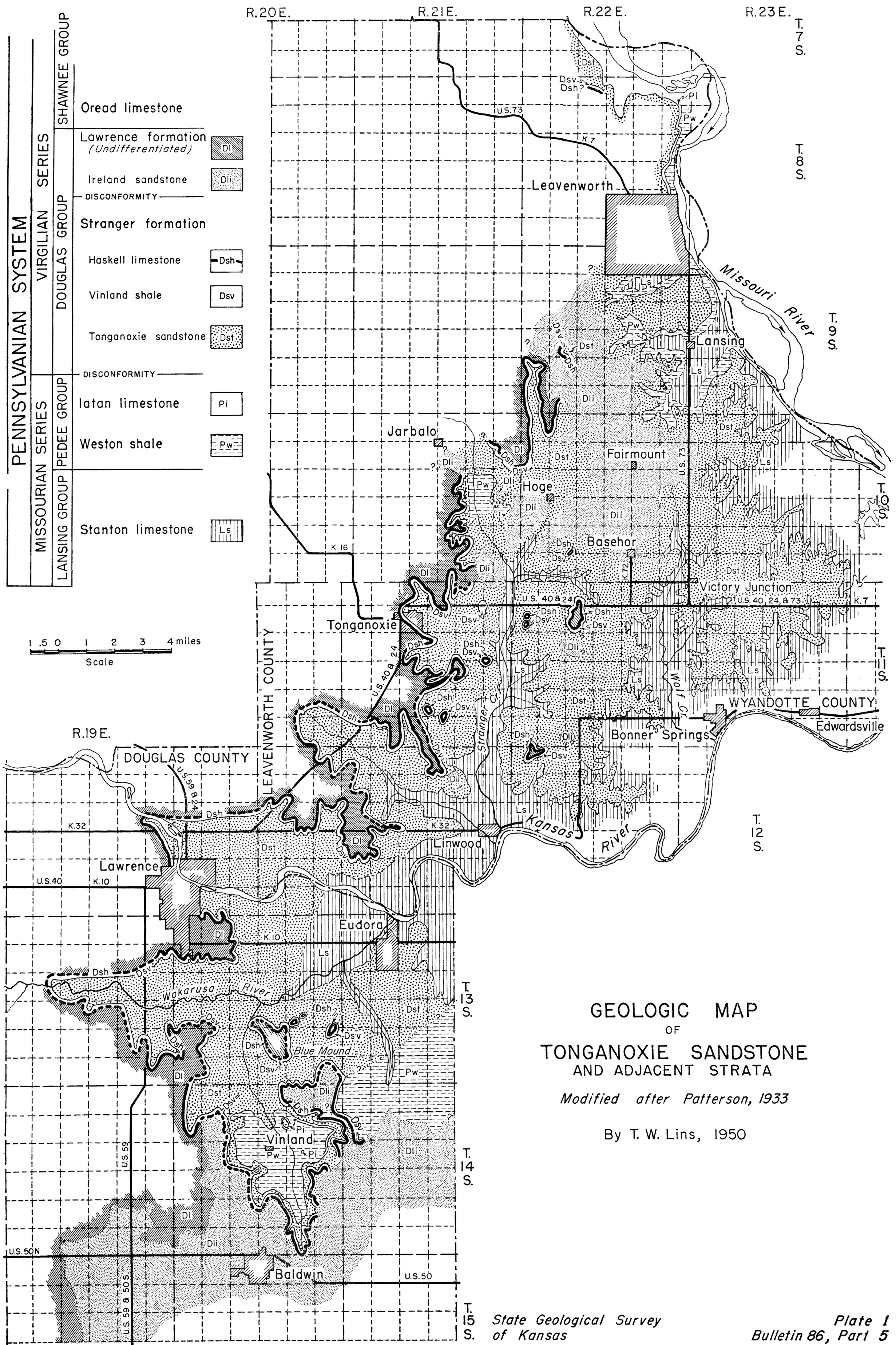
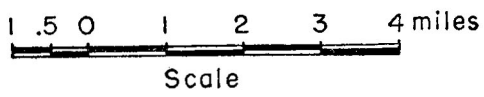


PENNSYLVANIAN SYSTEM	SHAWNEE GROUP	Oread limestone		
		VIRGILIAN SERIES	Lawrence formation (Undifferentiated)	Dl
			Ireland sandstone	Dli
	DOUGLAS GROUP	DISCONFORMITY		
		Stranger formation		
		Haskell limestone	Dsh	
		Vinland shale	Dsv	
		Tonganoxie sandstone	Dst	
	MISSOURIAN SERIES	DISCONFORMITY		
		PEDEE GROUP	Iatan limestone	Pi
Weston shale			Pw	
LANSEING GROUP		Stanton limestone	Ls	



GEOLOGIC MAP
OF
TONGANOXIE SANDSTONE
AND ADJACENT STRATA
Modified after Patterson, 1933
By T. W. Lins, 1950