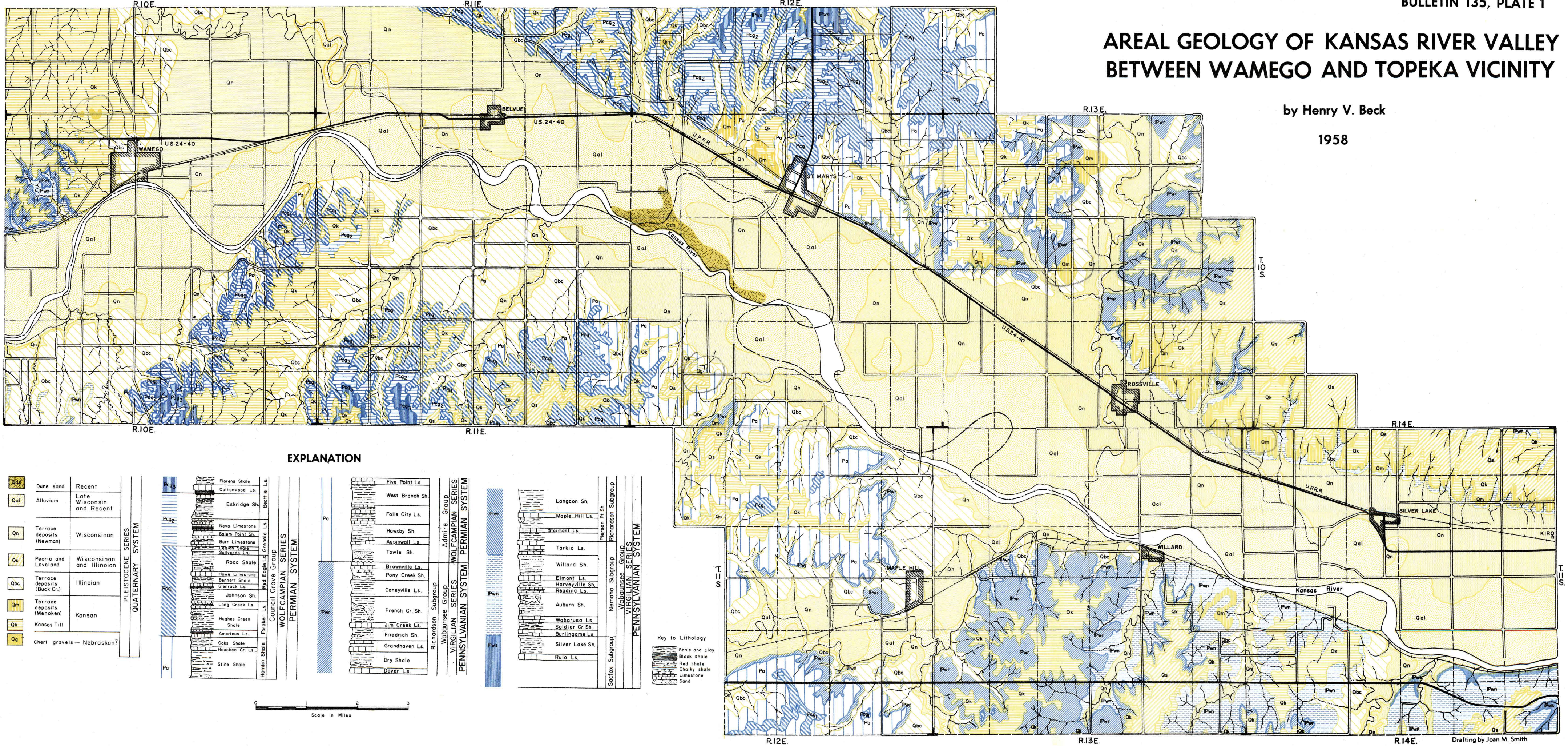


AREAL GEOLOGY OF KANSAS RIVER VALLEY BETWEEN WAMEGO AND TOPEKA VICINITY

by Henry V. Beck

1958



EXPLANATION

Qbc	Dune sand	Recent
Qal	Alluvium	Late Wisconsin and Recent
Qn	Terrace deposits (Newman)	Wisconsinan
Qs	Peoria and Loveland	Wisconsinan and Illinoian
Qbc	Terrace deposits (Buck Cr.)	Illinoian
Qm	Terrace deposits (Menoken)	Kansan
Qk	Kansas Till	
Qg	Chert gravels — Nebraskan?	

Pleistocene Series Quaternary Series	Council Grove Group Council Grove Ls. Red Eagle Ls. Granada Ls. Beattie Ls.	Permian System Five Point Ls. West Branch Sh. Falls City Ls. Hawxby Sh. Aspinwall Ls. Towle Sh. Brownville Ls. Pony Creek Sh. Caneyville Ls. French Cr. Sh. Jim Creek Ls. Friedrich Sh. Grandhaven Ls. Dry Shale Dover Ls.
	Wabauwsee Group Wabauwsee Ls. Nemaha Subgroup Wabauwsee Ls. Richardson Subgroup Richardson Ls. Person Pt. Sh.	Pennsylvanian System Langdon Sh. Maple Hill Ls. Stormont Ls. Tarkio Ls. Willard Sh. Elmont Ls. Harveyville Sh. Reading Ls. Auburn Sh. Wakarusa Ls. Soldier Cr. Sh. Burlingame Ls. Silver Lake Sh. Rulo Ls.

Key to Lithology
 Shale and clay
 Black shale
 Red shale
 Chalky shale
 Limestone
 Sand

