



EXPLANATION

QUATERNARY SYSTEM	PERMIAN SYSTEM	PENNSYLVANIAN SYSTEM
<ul style="list-style-type: none"> Qa Wisconsin and Recent alluvium Ql Wisconsin loess Qd Kansan drift Qk Pro-Kansan lake deposits Qna Pre-Kansan alluvium 	<ul style="list-style-type: none"> Pcg5 Bader Limestone and Easy Creek Shale Pcg4 Beattie Limestone and Stearns Shale Pcg3 Grenola Limestone and Eskridge Shale Pcg2 Red Eagle Limestone and Roca Shale Pcg1 Red Limestone and Johnson Shale Pa2 Foraker Limestone and Janesville Shale Pa1 Onaga Shale 	<ul style="list-style-type: none"> Ipw6 Wood Siding Formation Ipw5 Stotler Limestone and Root Shale Ipw4 Zeandole Limestone and Pillsbury Shale Ipw3 Emporia Limestone and Willard Shale Ipw2 Bern Limestone and Auburn Shale Ipw1 Scranton Limestone

Geologic contact (dashed where approximate)
 o o o o Water table
 Altitude given in feet above mean sea level
 Scale in miles

Compiled by Charles K. Boyne, 1962