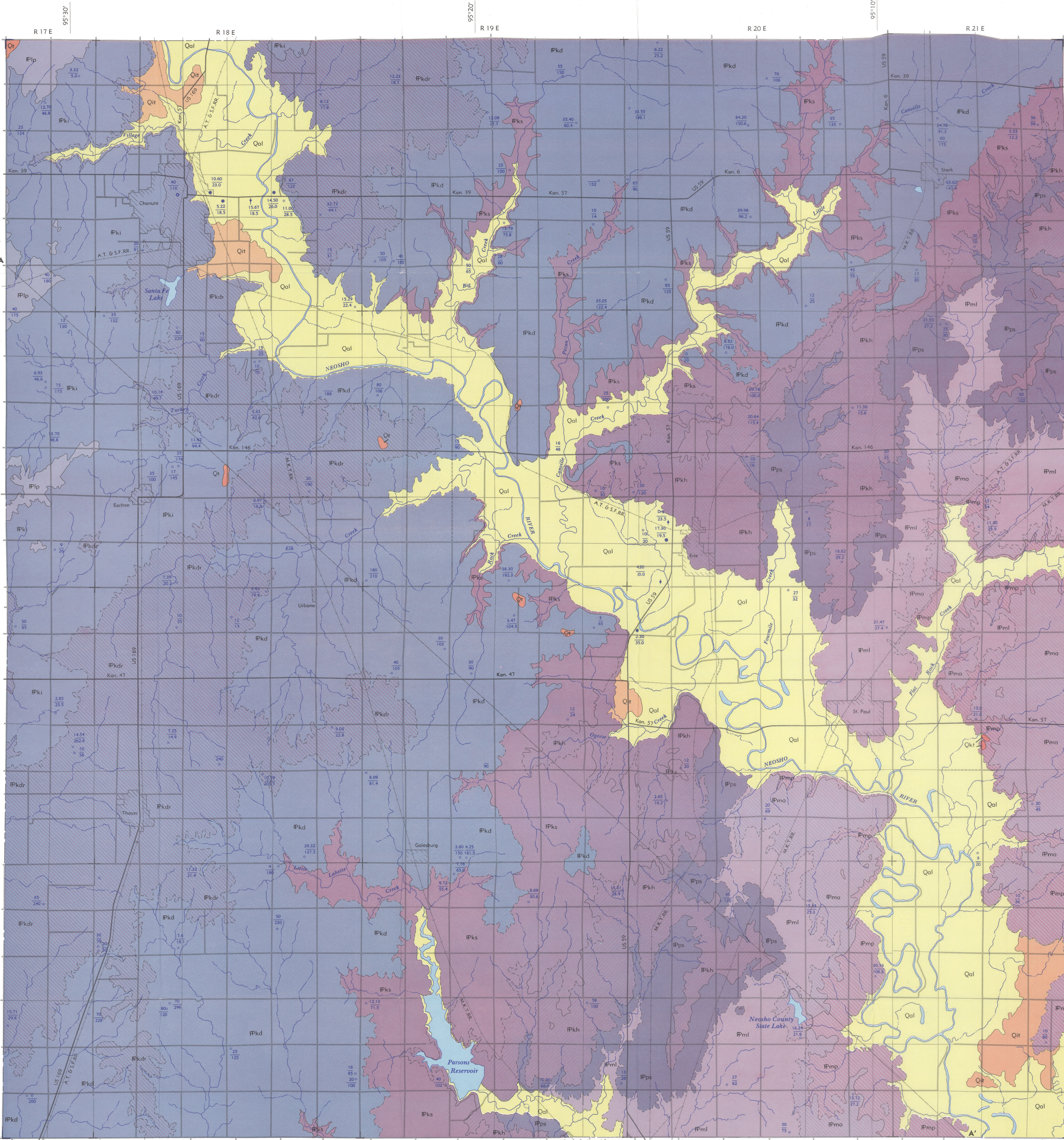


GEOLOGIC MAP OF NEOSHO COUNTY, KANSAS

State Geological Survey
of Kansas

Bulletin 183
Plate 1

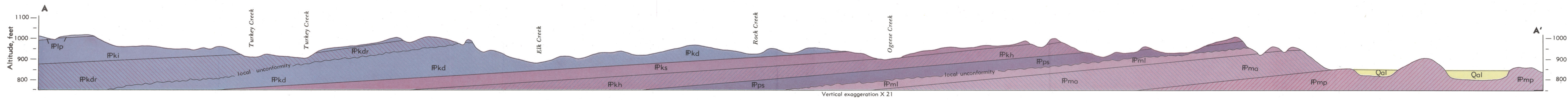


EXPLANATION	
	Qal Alluvium (Wisconsinan and Recent)
	Qit Terrace deposits (Illinoian)
	Qkt Terrace deposits (Kansan)
	Qt High terrace deposits (Nebraskan and/or Pliocene?)
PLEISTOCENE SERIES	
QUATERNARY SYSTEM	
PLEISTOCENE SERIES	
MISSOURIAN STAGE	
UPPER PENNSYLVANIAN SERIES	
MISSOURIAN STAGE	
	LANSING GROUP IPlp Plattsburg Limestone and Vilas Shale
KANSAS CITY GROUP	
	IPki Iola Limestone, Lane Shale, and Bonner Springs Shale
	IPkdr Drum Limestone and Chanute Shale
	IPkd Dennis Limestone and Cherryvale Shale
	IPks Swope Limestone and Galesburg Shale
	IPkh Hertha Limestone and Ladore Shale
PLEASANTON GROUP	
	IPps Seminole Formation, Checkerboard Limestone, and Tackett Formation
MIDDLE PENNSYLVANIAN SERIES	
DESMOINESIAN STAGE	
MIDDLE PENNSYLVANIAN SERIES	
DESMOINESIAN STAGE	
MARMATON GROUP	
	IPml Lenap Limestone and Holdenville Shale
	IPma Altamont Limestone and Nowata Shale
	IPmp Pawnee Limestone and Bandera Shale
	Q Spring
	o Domestic or school well
	+ Test hole
	* Observation well
	Δ Industrial well
	67 123 Upper number, depth to water below land surface, in feet. Reported depth shown to nearest foot; measured depth shown to nearest hundredth foot. (Water levels obtained July 1960- July 1964.) Lower number, depth of well below land surface, in feet. Reported depth shown to nearest foot; measured depth shown to nearest tenth foot.
	Observable contact
	Approximate, inferred, or gradational contact
	Location of cross section
	True North Magnetic North
	Scale, miles 1:63,360

Base compiled from maps prepared
by the Soil Conservation Service.

Prepared by the United States Geological Survey
and the State Geological Survey of Kansas, with
the cooperation of the Environmental Health
Services of the Kansas State Department of
Health and the Division of Water Resources of
the Kansas State Board of Agriculture.

Areal geology mapped in
1960-61 by William L. Jungmann.



Vertical exaggeration X 21