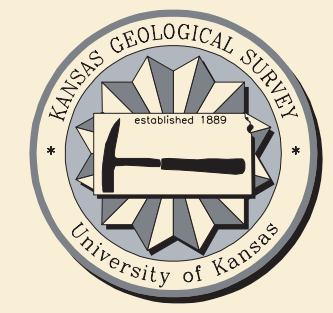
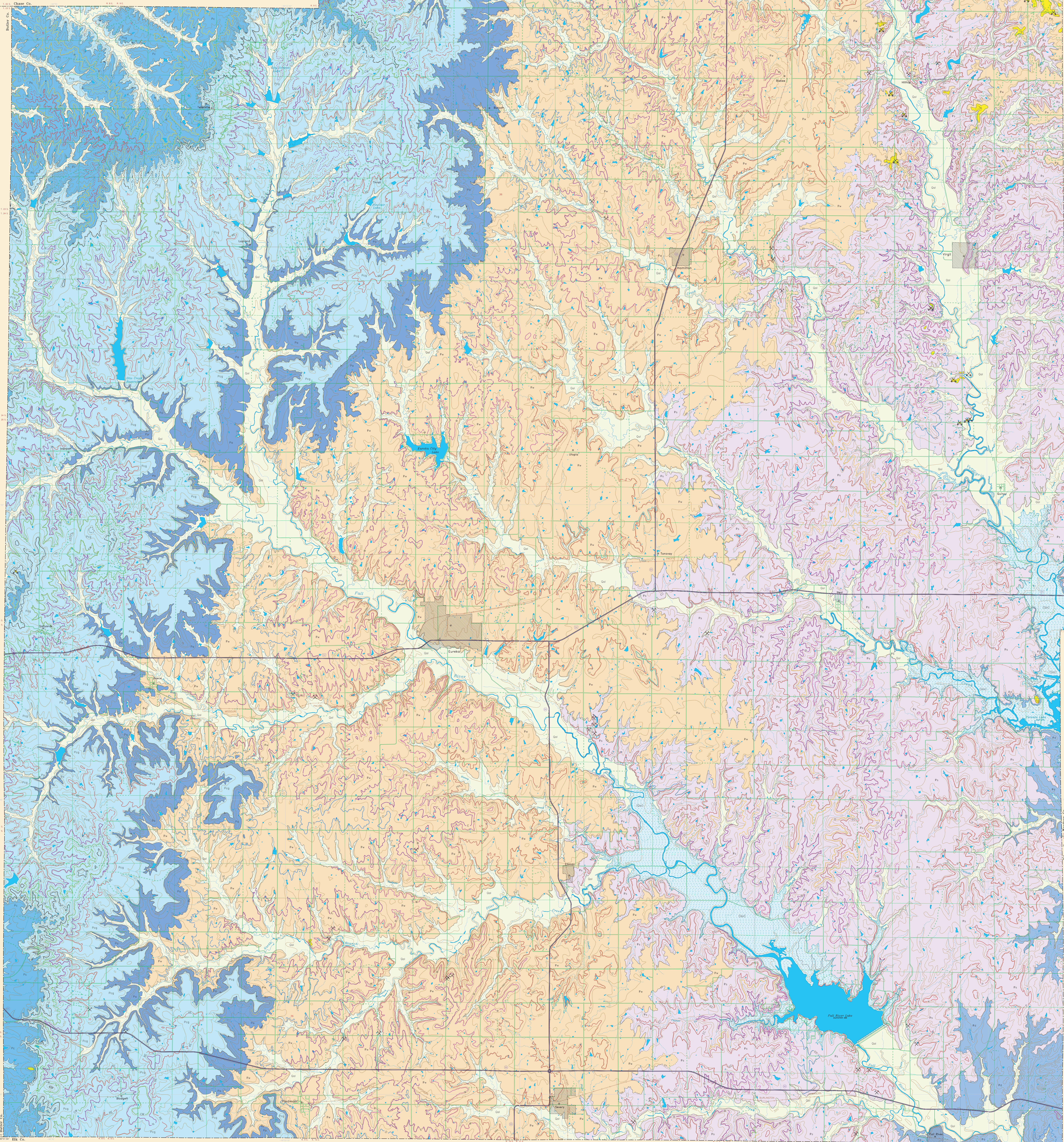


GEOLOGIC MAP OF GREENWOOD COUNTY, KANSAS 1999

KANSAS GEOLOGICAL SURVEY
THE UNIVERSITY OF KANSAS
MAP M-50



Geology mapped by
Daniel F. Merriam
Computer compilation
and cartography by
Jurgina A. Ross
Elizabeth C. Crouse
Scott Highley
Nicholas Callaghan



System	Group	Member	Unit	Color	
TERTIARY	QUATERNARY	Recent	Qal	Aluminum Chart Gravel Tennessee Ls	
		Recent	Qol	Aluminum Chart Gravel Tennessee Ls	
		Recent	Qol	Aluminum Chart Gravel Tennessee Ls	
	CENOZOIC	Neogene	Barreton Ls	Pc	Kingly Ls
			Waford Ls	Pc	Waford Ls
			Waford Ls	Pc	Waford Ls
		Paleogene	Cherokee Ls	Pcg	Cherokee Ls
			Cherokee Ls	Pcg	Cherokee Ls
			Cherokee Ls	Pcg	Cherokee Ls
			Cherokee Ls	Pcg	Cherokee Ls
PENNSYLVANIAN	Wichitana	Wichita Ls	Pw	Wichita Ls	
		Wichita Ls	Pw	Wichita Ls	
		Wichita Ls	Pw	Wichita Ls	
		Wichita Ls	Pw	Wichita Ls	
		Wichita Ls	Pw	Wichita Ls	
	Shawnee	Shawnee Ls	Ps	Shawnee Ls	
		Shawnee Ls	Ps	Shawnee Ls	
		Shawnee Ls	Ps	Shawnee Ls	
		Shawnee Ls	Ps	Shawnee Ls	
		Shawnee Ls	Ps	Shawnee Ls	

EXPLANATION

Topography and Hydrography

- 1 - Interstate Highway
- 2 - Federal Highway
- 3 - State Highway
- 4 - Metropolitan secondary road
- 5 - Light-duty secondary road
- 6 - Unimproved secondary road
- 7 - Railroad
- 1 - Intersecting stream
- 2 - Perennial stream
- 3 - Head water
- 4 - Low water
- 5 - Elevation contour (10-foot interval)
- 6 - Elevation contour (20-foot interval)

Geologic unit boundaries

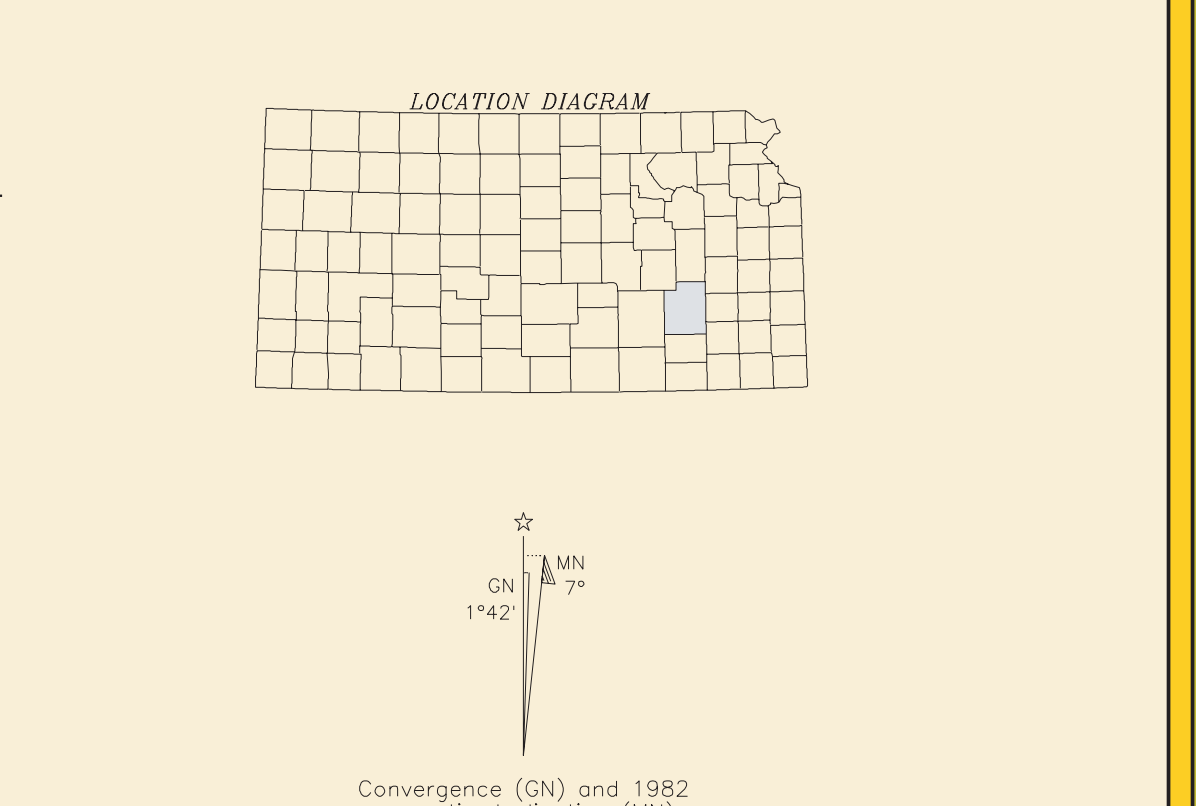
- 1 - Observed geologic contact
- 2 - Inferred geologic contact
- 3 - Correlated geologic contact

Boundaries and locations

- 1 - County line
- 2 - State line
- 3 - State P.V.
- 4 - U.S. B.P.
- 5 - U.S. B.P.
- 6 - U.S. B.P.
- 7 - U.S. B.P.
- 8 - U.S. B.P.
- 9 - U.S. B.P.
- 10 - U.S. B.P.
- 11 - U.S. B.P.
- 12 - U.S. B.P.
- 13 - U.S. B.P.
- 14 - U.S. B.P.
- 15 - U.S. B.P.
- 16 - U.S. B.P.
- 17 - U.S. B.P.
- 18 - U.S. B.P.
- 19 - U.S. B.P.
- 20 - U.S. B.P.
- 21 - U.S. B.P.
- 22 - U.S. B.P.
- 23 - U.S. B.P.
- 24 - U.S. B.P.
- 25 - U.S. B.P.
- 26 - U.S. B.P.
- 27 - U.S. B.P.
- 28 - U.S. B.P.
- 29 - U.S. B.P.
- 30 - U.S. B.P.
- 31 - U.S. B.P.
- 32 - U.S. B.P.
- 33 - U.S. B.P.
- 34 - U.S. B.P.

INDEX TO PUBLIC LAND SURVEY

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Convergence (CG) and 1982
Lambert Conformal Conic Projection
with standard parallels at 37° and 45°

Foot	Meters	Centimeters	Millimeters
1	0.3048	3.048	30.48
10	3.048	30.48	304.8
100	30.48	304.8	3048
1000	304.8	3048	30480

Scale 1:50,000
Lambert Conformal Conic Projection
with standard parallels at 37° and 45°

0 1 2 3
Kilometers
0 1 2 3
Miles

Caution: Contours are oriented for general reference. They are based on the 1982 datum and are not to be used for precise measurements. The map is not to be used for engineering or other purposes where high accuracy is required. The map is not to be used for engineering or other purposes where high accuracy is required. The map is not to be used for engineering or other purposes where high accuracy is required.