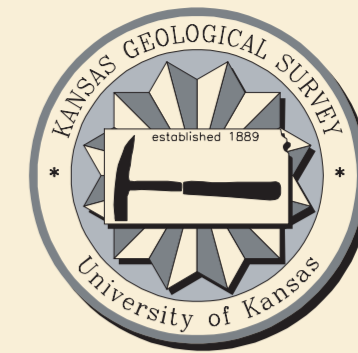


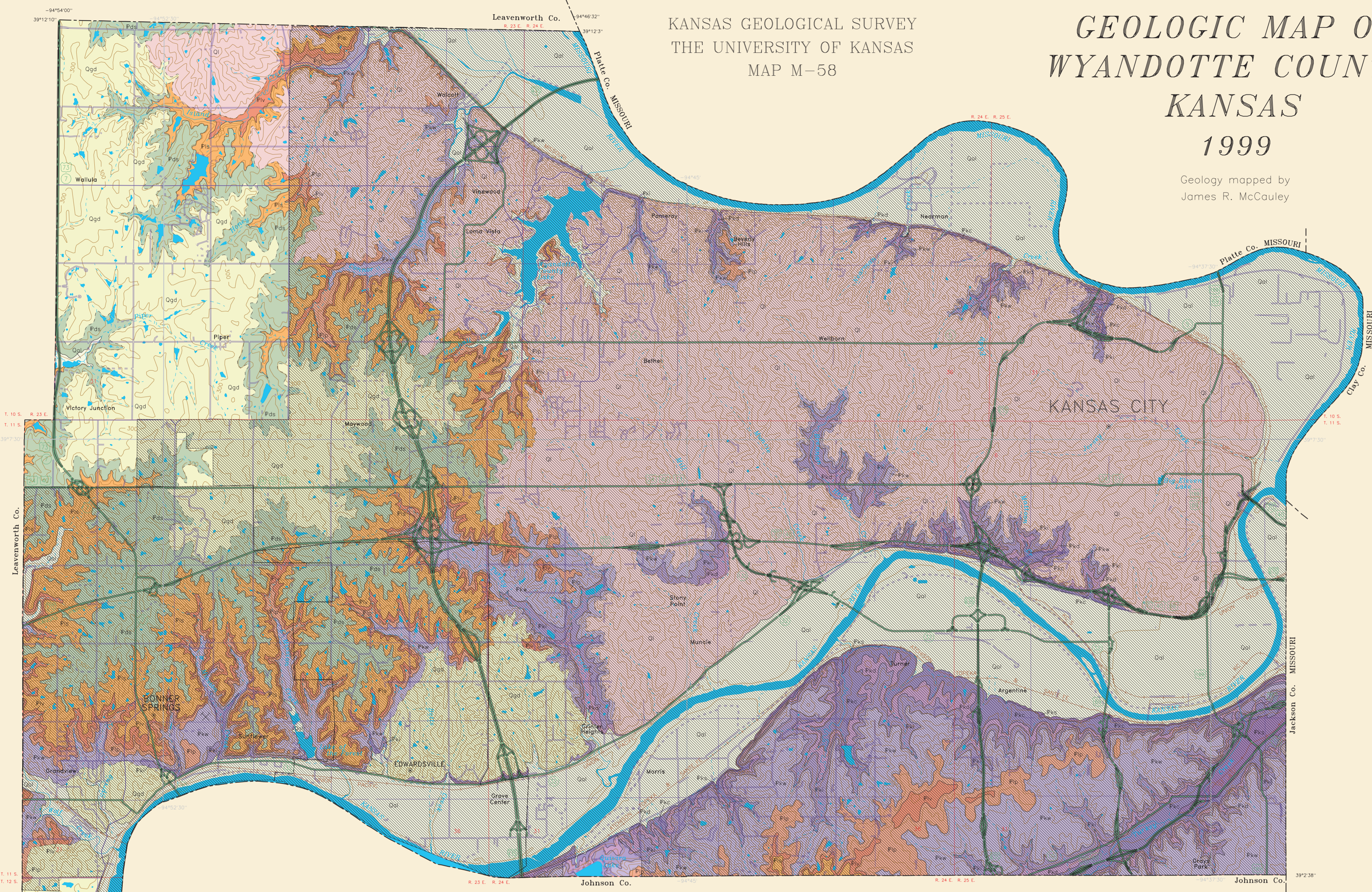
GEOLOGIC MAP OF WYANDOTTE COUNTY, KANSAS

1999

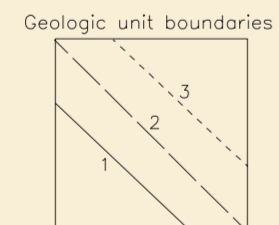
Geology mapped by
James R. McCauley



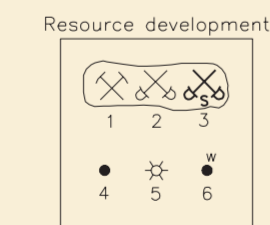
Computer compilation
and cartography by
Jorgina A. Ross
Cynthia Weeks
Kim S. Yap



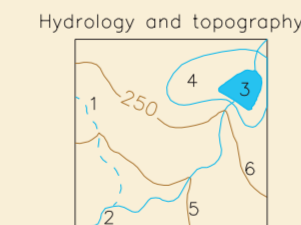
Composite Stratigraphic Section	Member	Formation	Group	Series	System
Qal		Alluvium			QUATERNARY
Ql		Loess			QUATERNARY
Qgd		Glacial Drift			QUATERNARY
Pds	coal(s)	Tonganoxie Ss	Stranger Fm	Douglas	VIRGILIAN
		Weston Sh			
Pis		South Bend Ls	Stanton Ls	Lansing	MISSOURIAN
		Rock Lake Sh			
		Stoner Ls			
Plv		Eudora Sh	Vilas Ls	Lansing	MISSOURIAN
		Captain Creek Ls			
Plp		Spring Hill Ls	Plattburg Ls	Lansing	MISSOURIAN
		Hickory Creek Sh			
Pkw		Bonner Springs Sh	Lone Sh	Lansing	MISSOURIAN
		Farley Ls			
		Island Creek Sh			
		Argentine Ls			
Pki		Quindaro Sh	Wyandotte Ls	Lansing	MISSOURIAN
		Frisbie Ls			
		Liberty Memorial Sh			
Pkd		Raytown Ls	Lola Ls	Kansas City	PENNSYLVANIAN
		Muncie Creek Sh			
	Thayer coal	Paola Ls			
Pkc		Cement City Ls	Dewey Ls	Kansas City	PENNSYLVANIAN
		Quivira Sh			
		Westerville Ls			
		Wea Sh			
Pks		Block Ls	Cherryvale Sh	Kansas City	PENNSYLVANIAN
		Fontana Sh			
		Winterset Ls			
		Stark Sh			
Pks		Canville Ls	Galesburg Sh	Kansas City	PENNSYLVANIAN
		Bethany Falls Ls			
		Hushpuckney Sh			
		Middle Creek Ls	Swope Ls		



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



- 1 - Quarry
- 2 - Gravel Pit*
- 3 - Shale Pit*
- 4 - Oil Wells*
- 5 - Gas Wells*
- 6 - Water Wells*
- * Does not appear on this map



- 1 - Intermittent stream
- 2 - Perennial stream
- 3 - Areal hydrology
- 4 - Land subject to inundation
- 5 - Elevation contours (10-meter interval)
- 6 - Elevation contours (50-meter interval)

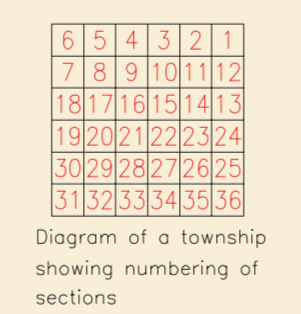
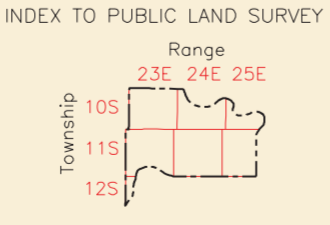
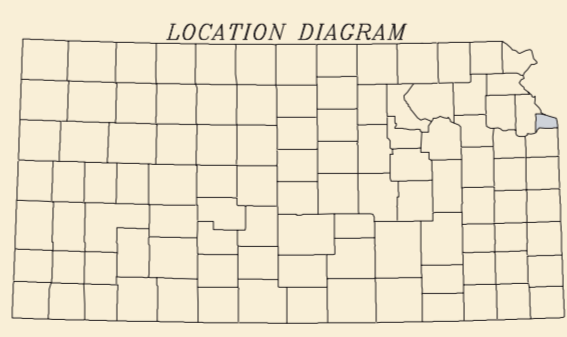
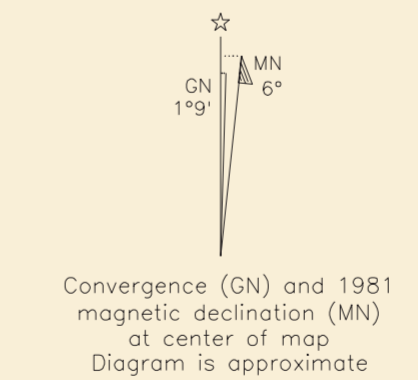


Diagram of a township showing numbering of sections

- INDEX TO 1:24,000 SCALE MAPS
- 1 Basehor— 1949 (75 PR)
 - 2 Wolcott— 1948 (75 PR)
 - 3 Parkville— 1964 (75 PR)
 - 4 North Kansas City— 1964 (75 PR)
 - 5 Bonner Springs— 1950 (75 PR)
 - 6 Edwardsville— 1950 (75 PR)
 - 7 Shawnee— 1964 (75 PR)
 - 8 Kansas City— 1964 (75 PR)
 - 9 De Soto— 1951 (75 PR)
- PR Photorevised



INDEX TO PUBLIC LAND SURVEY



Convergence (GN) and 1981 magnetic declination (MN) at center of map. Diagram is approximate.

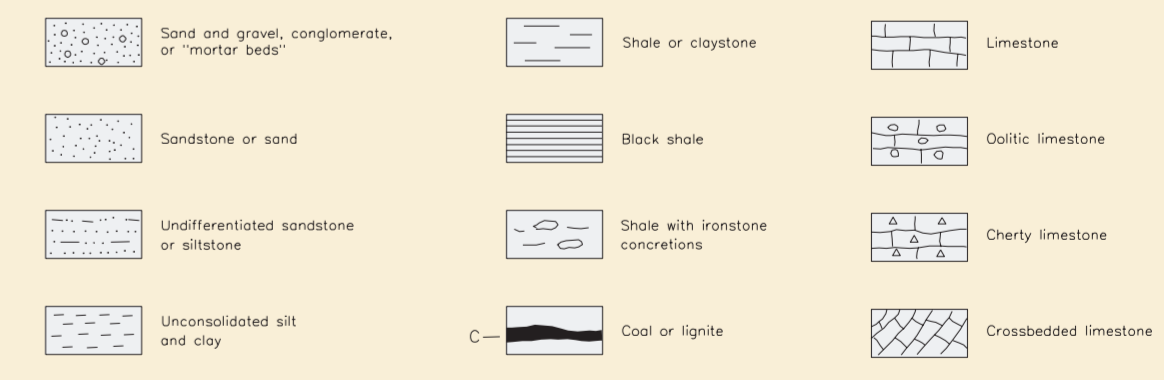
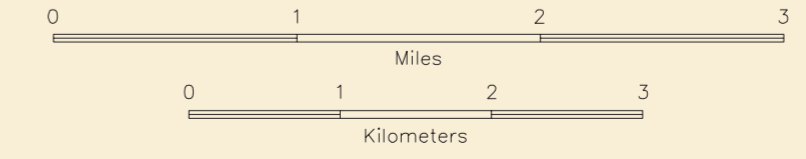
CONVERSION TABLE

feet	meters	kilometers	miles
1	0.3048	0.0003	0.00019
3,280.8	1	0.001	0.00062
3,280.8	1000	1	0.6212
5,280	1,609.4	1.6094	1

To convert feet to meters multiply by 0.3048
To convert meters to feet multiply by 3.2808
To convert kilometers to miles multiply by 0.6212
To convert miles to kilometers multiply by 1.6094

Lambert Conformal Conic Projection with standard parallels at 33° and 45°

SCALE 1:50,000



Elevation contours are presented for general reference. They are taken from USGS Digital Line Graph (DLG) files compiled from base maps at a scale of 1:100,000. In some places the contours from the DLG's may be more generalized than the base maps used for compilation of geologic outcrop patterns. Outcrop patterns on the map will typically reflect topographic variation more accurately than the associated contour lines. Repeated fluctuation of an outcrop line across a contour line should be interpreted as an indication that the mapped rock unit is maintaining a relatively constant elevation along a generalized contour.

This map was produced by computer-aided cartography using the GIMMAP (Geodata Interactive Management Map Analysis and Production) system developed at the Kansas Geological Survey.

The Kansas Geological Survey does not guarantee this map to be free from errors or inaccuracies and disclaims any responsibility or liability for interpretations made from the map or decisions based thereon.

Suggested reference to this map:
McCauley, J.R., 1999, Geologic Map of Wyandotte County, Kansas: Kansas Geological Survey, Map M-58, scale 1:50,000.