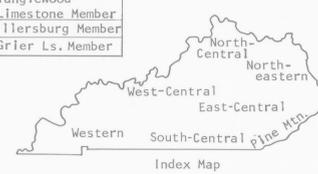


SYSTEM	SERIES	SHEET 1		SHEET 2			SHEET 3		SERIES	SYSTEM	
		Western Kentucky	West-Central Kentucky	South-Central Kentucky	East-Central Kentucky	North-Central Kentucky	Northeastern Kentucky	Along and South of Pine Mountain			
QUATERNARY	Holocene	Alluvium	Alluvium	Alluvium	Alluvium	Alluvium	Alluvium	Alluvium	Holocene	QUATERNARY	
	Pleistocene	Lacustrine deposits	Glacial deposits Lacustrine deposits Outwash deposits			Loess		Glacial deposits	Pleistocene		
		Loess	Loess	Terrace deposits	Terrace deposits	Terrace deposits	High-level fluvial deposits				
TERTIARY	Pliocene	Continental and fluvial deposits	High-level fluvial deposits	High-level fluvial deposits	High-level fluvial deposits	High-level fluvial deposits			Pliocene	TERTIARY	
	Miocene								Miocene		
	Oligocene	Jackson Formation							Oligocene		
	Eocene	Claiborne Formation Wilcox Formation							Eocene		
	Paleocene	Porters Creek Clay							Paleocene		
CRETACEOUS	Upper	Clayton and McNairy Formations							Upper	CRETACEOUS	
	Lower	Tuscaloosa Formation							Lower		
PENNSYLVANIAN	Upper	Sturgis Formation						Monongahela Formation Conemaugh Formation	Upper	PENNSYLVANIAN	
	Middle	Carbondale Formation						Upper part	Middle		
		Tradewater Formation						Breathitt Formation* Middle part			
	Lower	Caseyville Formation	Caseyville Formation	Breathitt Formation* Lower part	Breathitt Formation* Lower part	Breathitt Formation* Lower part	Breathitt Formation* Lower part	Lee Formation Lower part	Lower		
MISSISSIPPIAN	Upper part	Kinkaïd Limestone	Kinkaïd Limestone Member							Upper	
		Degonia Sandstone									
		Cloire Limestone									
		Paletine Sandstone									
		Waltersburg Sandstone									
	Lower part	Vienna Limestone	Vienna Ls. Mem. Tar Springs Formation								
		Tar Springs Sandstone									
		Glen Dean Limestone	Glen Dean Limestone								
		Hardinsburg Sandstone	Hardinsburg Sandstone								
		Hanev Ls. Member	Hanev Limestone Member								
Meramec	Upper Member	Golconda Formation	Golconda Fm. Beech Creek Ls. Mem.							Upper	
		Cypress Sandstone									
		Paint Creek Limestone	Paint Creek Limestone								
		Bethel Sandstone	Bethel Sandstone								
		Renault Limestone	Renault Limestone								
	Lower Member	Levias Limestone Member									
		St. Genevieve Limestone	St. Genevieve Limestone								
		St. Louis Limestone	St. Louis Limestone								
		Salem Limestone	Salem Limestone								
		Warsaw Limestone	Warsaw Limestone								
Lower	Fort Payne Formation	Fort Payne Formation	Fort Payne Formation							Lower	
		Borden Formation	Borden Formation								
		New Providence Shale	New Providence Shale								
		Knifley Ss. Mem.									
		Wildie Member									
	New Albany Shale	New Albany Shale	New Albany Shale								
		Nada Member									
		Cowbell Member									
		Nancy Member									
		Farmer's Mem.									
DEVONIAN	Upper	Chattanooga Shale	New Albany Shale	Chattanooga Shale	New Albany Shale					Upper	
	Middle	Chert and clay	Sellersburg Limestone	Beechwood Limestone Member Silver Creek Limestone Member	Boyle Dolomite					Middle	
	Lower		Jeffersonville Limestone							Lower	
SILURIAN	Upper									Upper	
	Middle		Louisville Limestone							Middle	
	Lower		Waldron Shale	Laurel Dolomite	Osgood Formation					Lower	
ORDOVICIAN	Upper	Drakes Formation	Saluda Dolomite Mem. Bardstown Member Rowland Member							Upper	
		Bull Fork Formation									
		Grant Lake Limestone									
		Calloway Creek Limestone									
		Clays Ferry Formation									
	Middle	Lexington Limestone	Tanglewood Ls. Sulphur Well, and Brannon Members								Middle
		Grier Limestone Member									
		Logana and Curdsville Limestone Members									
		High Bridge Group									
		Tyrone Ls.									



Correlation chart is keyed to the Geologic Map of Kentucky, by R.C. McDowell, G.J. Grabowski, Jr., and S.L. Moore (1981, U.S. Geological Survey), from which the information was derived.

\*Breathitt Formation: base of upper part is base of Knob (Princess No. 5, Richardson, Skyline) coal bed or zone; base middle part is base of Magoffin Member.

\*\*of Malott, C.A., 1919, The "American Bottoms" region of eastern Greene County, Indiana - a type unit in southern Indiana physiography: Indiana University Studies, v. 6, no. 40, 61 p.

**CORRELATION CHART FOR UNITS ON THE GEOLOGIC MAP OF KENTUCKY**  
By  
**Robert C. McDowell**  
1981