



SURFICIAL GEOLOGY OF THE  
HEROD AND THE ILLINOIS  
PART OF THE SHETLERVILLE  
QUADRANGLES  
SEE 1965 GUIDEBOOK 129A

GENERALIZED COLUMNAR SECTION OF EXPOSED ROCKS

SYSTEM	SERIES	MEMBER	FORMATION	MEMBER	LITHOLOGY	SYMBOL	THICKNESS IN FEET	EXPLANATION			
PENNSYLVANIAN	McCormick	Kewanee	Spoon		Stream alluvium; includes some areas of low terrace silt, clay, sand, and gravel	Qal	30±	RECENT			
			Allston	Murray Bluff					300-400	WISCONSINAN	
				Delwood Coal						Intermediate terrace	
		Finlie						Well bedded, calcareous, clayey silt; a few sandy lenses			
		Coveville	Grindstaff					300-500	PENNSYLVANIAN		
			Reynoldsburg Coal						Spoon Formation		
			Pounds						Shale of the lower part of the formation		
		Chestertan	Pope	Kinkaid	Cave Hill				0-80	Coveville Formation	
					Negli Creek						Shale, sandstone, thin coal top (top) and base (top) of Grindstaff Sandstone, top (top) and base (top) of Pounds Sandstone, and base (top) of Murray Bluff Sandstone
					Degonia						
				Clore	Ford Station					50-60	MISSISSIPPIAN
					Tygett						
Cora								50-60			
Allard	Waltersburg							15-30	Kinkaid Formation		
	Scottsburg									100-130	
	Walche									10-20	
Vienna	Tar Springs							90-110	Degonia Sandstone		
	Glen Dean									40-70	
	Hardinsburg									90-115	
Honey	Palatine					105-140	Palatine Sandstone				
	Froleys							105-140			
	Beech Creek							80-110			
West Baden	Cypress					25-65	Waltersburg Formation				
	Ridenhower							25-65			
	Bethel							80-100			
Center Bluff	Downs Bluff					25-40	Tar Springs Sandstone				
	Yankee town							30-45			
	Renault							15-35			
St. Genevieve	Aux Vases					120-160	Hardinsburg Sandstone				
	St. Genevieve							120-160			
	Fredonia										
MISSISSIPPIAN	Mammouth Cove	St. Louis	Coloinda				330-400	Cypress Sandstone			
			Levis						15-35		
			Aux Vases						15-35		
		Salem	Yankee town					500±	Yankee town Shale and the Shertleville Member of the Renault Limestone		
			Levis							15-35	
			Aux Vases							15-35	
		Ullin	Harrodsburg					125-360	St. Louis Limestone		
			Ramp Creek							125-360	
			Fort Payne							225-440	
		DEVIAN AND MISSISSIPPIAN	New Albany	Springville	Springville				395±	New Albany Group	
					Grand Tower						250±
		DEVIAN	Hinton	Lingle	Lingle				250±	Hinton Limestone	
Clear Creek											

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