ILLINOIS AT URBANA-CHAMPAIGN Institute of Natural Resource Sustainability William W. Shilts, Executive Director ILLINOIS STATE GEOLOGICAL SURVEY E. Donald McKay III, Interim Director For more information contact: Institute of Natural Resource Sustainablity Illinois State Geological Survey 615 East Peabody Drive Champaign, Illinois 61820-6964

(217) 333-4747

http://www.isgs.illinois.edu

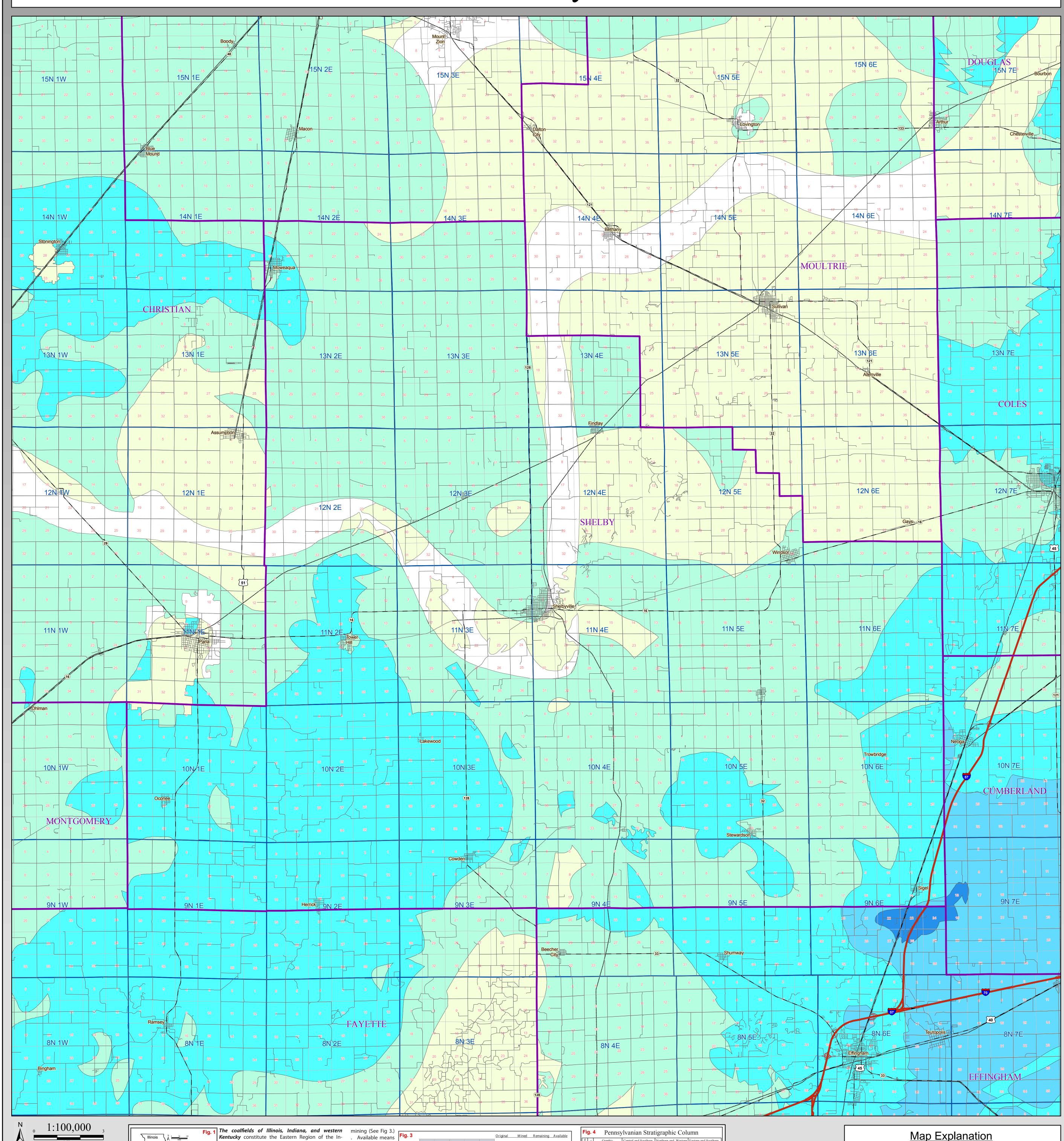
Net Coal Thickness SHELBY County

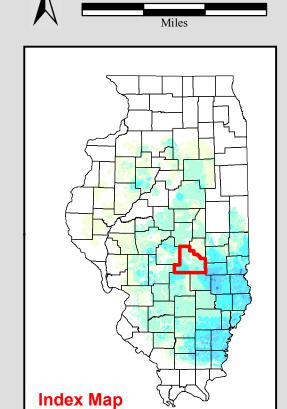
County Coal Map Series Andrew Louchios, Scott Elrick, Chris Korose, David Morse

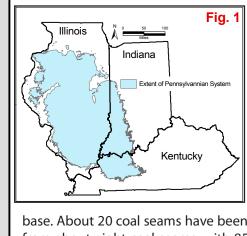
Map construction: November 04, 2009

This product is under review and may not meet the standards of the Illinois State Geological Survey.

County coal maps and select quadrangle maps available as downloadable PDF files at: http://www.isgs.illinois.edu/maps-data-pub/coal-maps/county-index.shtml







terior Coal Province, known better as the Illinois that the surface Basin. About 36,800 square miles in Illinois are un- land-use and geo- Jamestown derlain by the coal-bearing sequence of rocks that logic conditions constitute the Pennsylvanian System. (See Fig 1.) related to mining

Illinois has the largest reported bituminous coal re- thickness, depth, sources and the largest strippable bituminous coal re- in-place tonnage, sources of any state in the United States. Illinois has the stability of bedthird largest total coal resources of any state and is second only to Montana in terms of demonstrated reserve are comparable base. About 20 coal seams have been mined in Illinois. Most production, however, has come to other coals from about eight coal seams, with 85 to 90% of the total production being from the Herrin currently being

				and Springfield sea
N		Well locations	s	and springingia see
<u> </u>			Intersection with W-E section	
	Top of bedroot			The combined or
=	Sr	ringfield Coal		of the Danville, J
		olehester Coal		rin, Springfield, Co
=			arthage Ls	
Ξ		Sale of Pennsyl		Dekoven, and Seely
Ξ		O25mi ************************************	Merrit Line	State of Illinois to
Ξ	F	Quaternary System Pennsylvanian System	Davis Cos	
		Bond & Mattoon Fms		tons, of which 12.5
Ξ	"	Patoka & Shelburn Fms Carbondale Fm	_ / EI	mined. Approxima
<u> </u>	E SE	Caseyville & Tradewater Fms		
Ξ	North-south cross see	etion of the Pennsylvanian System in l	llinois Fig. 2	original coal resou
		s and dip are distorted due to vertical exagger		tons, are consider

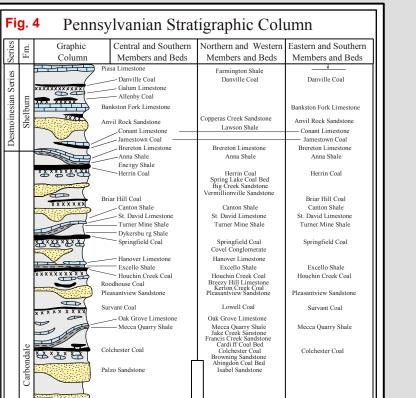
elyville Coals in the otals 221.1 billion 5 billion have been **References**:

of the deposit (e.g. rock overburden)

Original Mined Remaining Available ■ Avail. w/ potential restr. 12.5 208.6

original resources **C**oal has been mined in Illinois for 200 years. The thickest cumulative resources of coals Jamestown, Her- in Illinois are found in the southeastern part of the state along the Galatia Channel and Colchester, Davis/ near the deepest areas of the Illinois Basin in and around Jasper County. (See Index Map)

nately 43% of these - Handbook of Illinois Stratigraphy, 1975, Illinois State Geological Survey Bulletin 95, 261p. - Jacobson, R.J, and C Korose, 2003, Coal Geology of Illinois, in 2003 Keystone Coal Industry Manual, Coal Age, PRIMEDIA Business Magazines and Media, Chi cago, IL, pp. 503 -514.



Greenbush Coal Wiley Coal

Net Coal Thickness 18 inches to 5 feet 5 to 10 feet 10 to 15 feet 15 to 20 feet 20 to 25 feet

Map Explanation

The maps and digital files of this study were compiled from data from a variety of public and private sources and have varying degrees of completeness and accuracy. They present interpretations of the geology of the area and are based on available data. However, these interpretations are based on data that may vary with respect to accuracy of geographic location, type, quantity, and reliability, as they were supplied to the Illinois State Geological Survey. Consequently, the accuracy of the interpreted features shown in these files is subject to the limitations of the data and varies from place to place.

Contoured features less than 7 million square feet (about 1/2 mile square) in area may not be accurately portrayed or resolved. This data set provides a large-scale conceptual model of the geology of the area on which to base further work. These data are not intended for use in site-specific screening or decision-making. Data included in this map are suitable for use at a scale of 1:100,000.

Disclaimer

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