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Net Coal Thickness **JERSEY** County

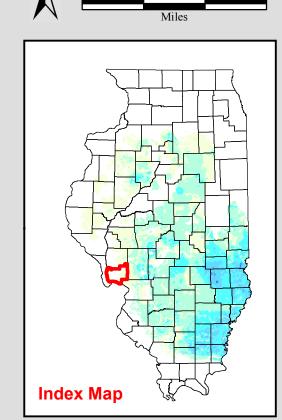
County Coal Map Series Andrew Louchios, Scott Elrick, Chris Korose, David Morse

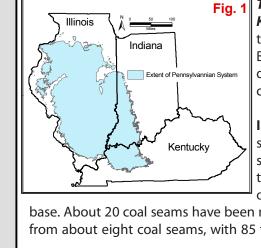
Map construction: November 04, 2009

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

11N_13W 11N 12W 11N 9W-11N 8W 11N 10W 14W 8\$ 2W 10N 11W 10N 10W 10N 8W 2010N 13W GREENE Eldred MACOUPIN _9S 2W 9N 12W 9N 10W 9N 13W 9N 8W 10S/3W \14₃W 8N 13W \8N [11\W] 8N 9W 8N 10W 8N 8W Shipman Royal 11S 2W CALHOUN **JERSEY** 7N-12W 7N 10W 7N 8W 7N 9W 12S 2W 6N 13W 6N 12W 12**S** 1W 6N 10W 153\$ 2W4 5N 8W Fig. 1 The coalfields of Illinois, Indiana, and western mining (See Fig 3.)
. Available means Fig. 4 Pennsylvanian Stratigraphic Column Original Mined Remaining Available Northern and Western Eastern and Southern Members and Beds Members and Beds





Kentucky constitute the Eastern Region of the Interior 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

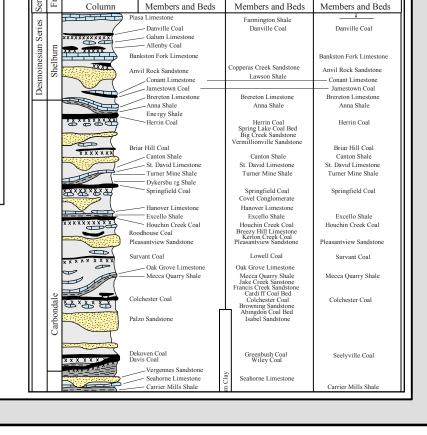
and Springfield seams. Dekoven, and Seelyville Coals in the State of Illinois totals 221.1 billion tons, of which 12.5 billion have been References: mined. Approximately 43% of these original coal resources, 96.1 billion North-south cross section of the Pennsylvanian System in Illinois tons, are considered available for

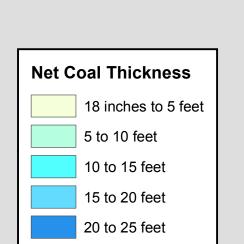
of the deposit (e.g.

40 60 12.5 208.6

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

> - 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.





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.

Disclaimer

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