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Net Coal Thickness MARSHALL County

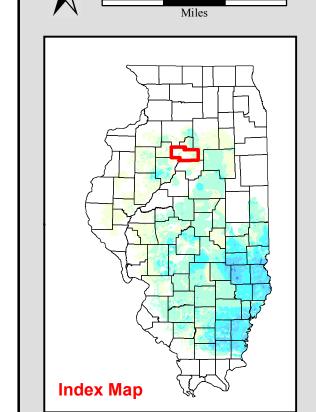
County Coal Map Series Andrew Louchios, Scott Elrick, Chris Korose, David Morse

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

Hollowayville 33N 2E 33N 1W 33N 2W 5N 9E BUREAU 15N 8E Granville PUTNAM 532N 2W 32N 2E 32N 1E 32N 1W LASALLE 14N 7E 14N₁0E STARK 31N 2E 31N 1W 31N 1E 31N 2W 2 13N 10E Magnolia 13N 7E 13N 9E 13N 8E 30N 1W 30N 1E 30N 2W MARSHALL 12N 9E 12N 7E 12N 8E 29N 2E 29N 1E 29N 2W 29N 3W 11N 7E 11N 8E Princeville -Washburn 28N 2E 28N 1E 28N 1W 28N 2W 28N 3W WOODFORD 10N 7E 27N 2E 27N 1W Roanoke 27N 4W Peoria MCLEAN TAZEWELI 26N 26N 1E 26N 1W Fig. 4 Pennsylvanian Stratigraphic Column



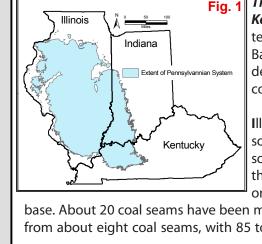
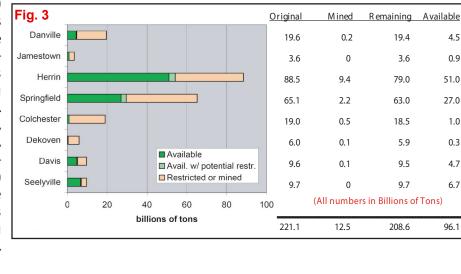


Fig. 1 The coalfields of Illinois, Indiana, and western Kentucky constitute the Eastern Region of the In
Kentucky constitute the Eastern Region of the In
Available means terior Coal Province, known better as the Illinois that the surface Basin. About 36,800 square miles in Illinois are un- land-use and 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 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

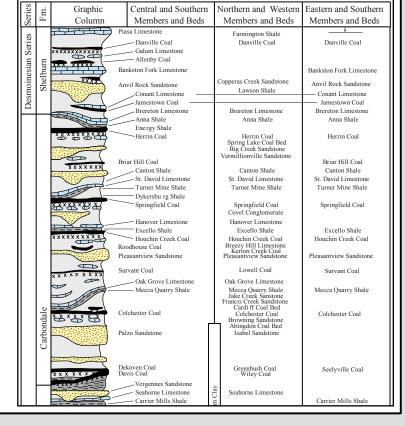
and Springfield seams. Dekoven, and Seelyville Coals in the State of Illinois totals 221.1 billion tons, of which 12.5 billion have been **References:** mined. Approximately 43% of these original coal resources, 96.1 billion orth-south cross section of the Pennsylvanian System in Illinois tons, are considered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

of the deposit (e.g.



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.



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.

Disclaimer

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