Illinois State Geological Survey 615 East Peabody Drive Champaign, Illinois 61820-6964

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Jamestown Coal Depth LAWRENCE County

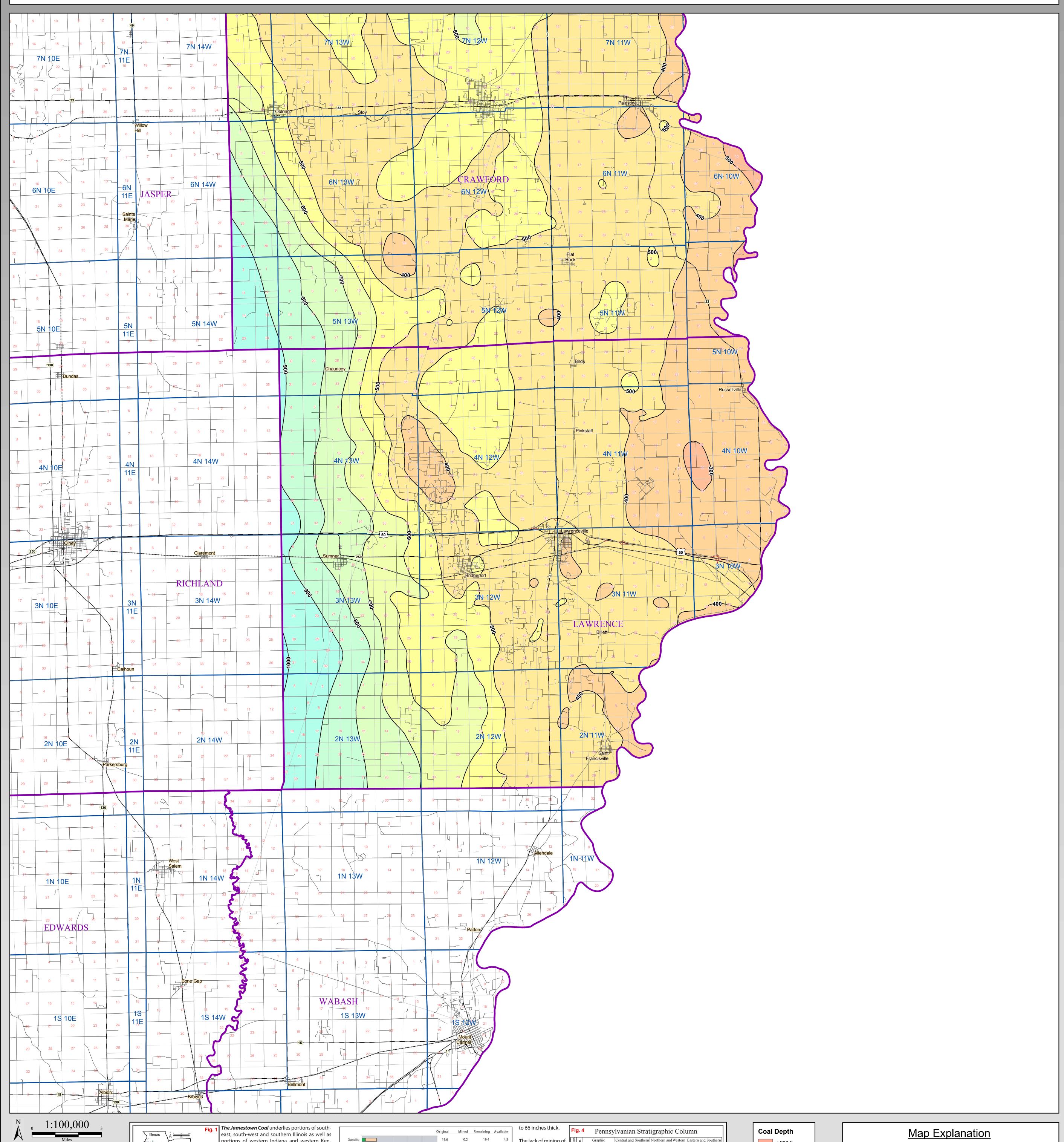
County Coal Map Series

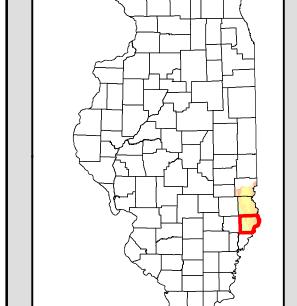
Andrew Louchios, Scott Elrick, Chris Korose, David Morse

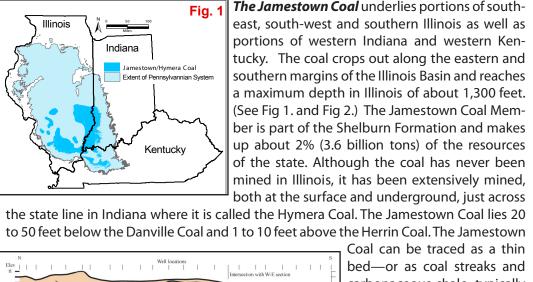
Map construction: October 26, 2009

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

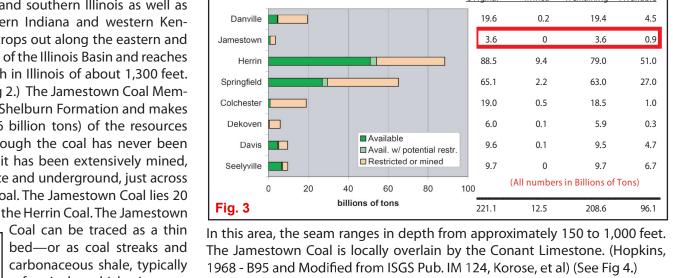
County coal maps and select quadrangle maps available as downloadable PDF files at: http://www.isgs.illinois.edu/maps-data-pub/coal-maps/county-index.shtml



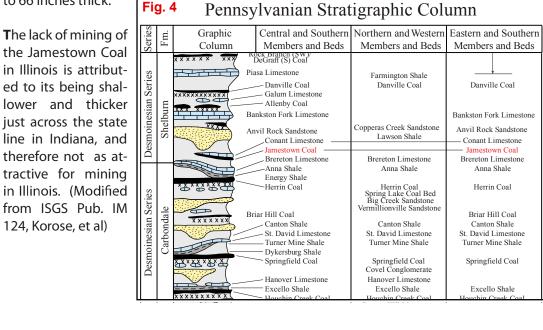




a few inches thick—in cores



and mine exposures over The original resource of Jamestown coal in the State of Illinois totals 3.6 bilmuch of central and southern lion tons, none of which have been mined. Approximately 26% of the origiparts of Illinois, but is known nal Jamestown Coal resources, 0.9 billion tons, are considered available for to be greater than 42 inches mining. (See Fig 3.) Available means that the surface land-use and geologic thick only along the east bor- conditions related to mining of the deposit (e.g. thickness, depth, in-place tonder of the state in Clark, Craw-nage, stability of bedrock overburden) are comparable to other coals currently ford, and Lawrence Counties. being mined in the state. Of these resources, 0.9 billion tons occur in coal 42 of Illinois: Illinois State Geological Survey Illinois Minerals 124, 44 p.



- Handbook of Illinois Stratigraphy, 1975, Illinois State Geological Survey Bulletin 95, 261p. - Christopher P. Korose, Colin G. Treworgy, Russell J. Jacobson, and Scott D. Elrick, 2002, Availability of the Danville, Jamestown, Dekoven, Davis, and Seelyville Coals for mining in Selected Areas < 200 ft 200 to 300 ft 300 to 400 ft 400 to 500 ft 500 to 600 ft 600 to 700 ft 700 to 800 ft 800 to 900 ft 900 to 1000 ft 1000 to 1100 ft 1100 to 1200 ft 1200 to 1300 ft 1300 to 1400 ft 1400 to 1500 ft

1500 to 1600 ft

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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