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Jamestown Coal Thickness CRAWFORD County

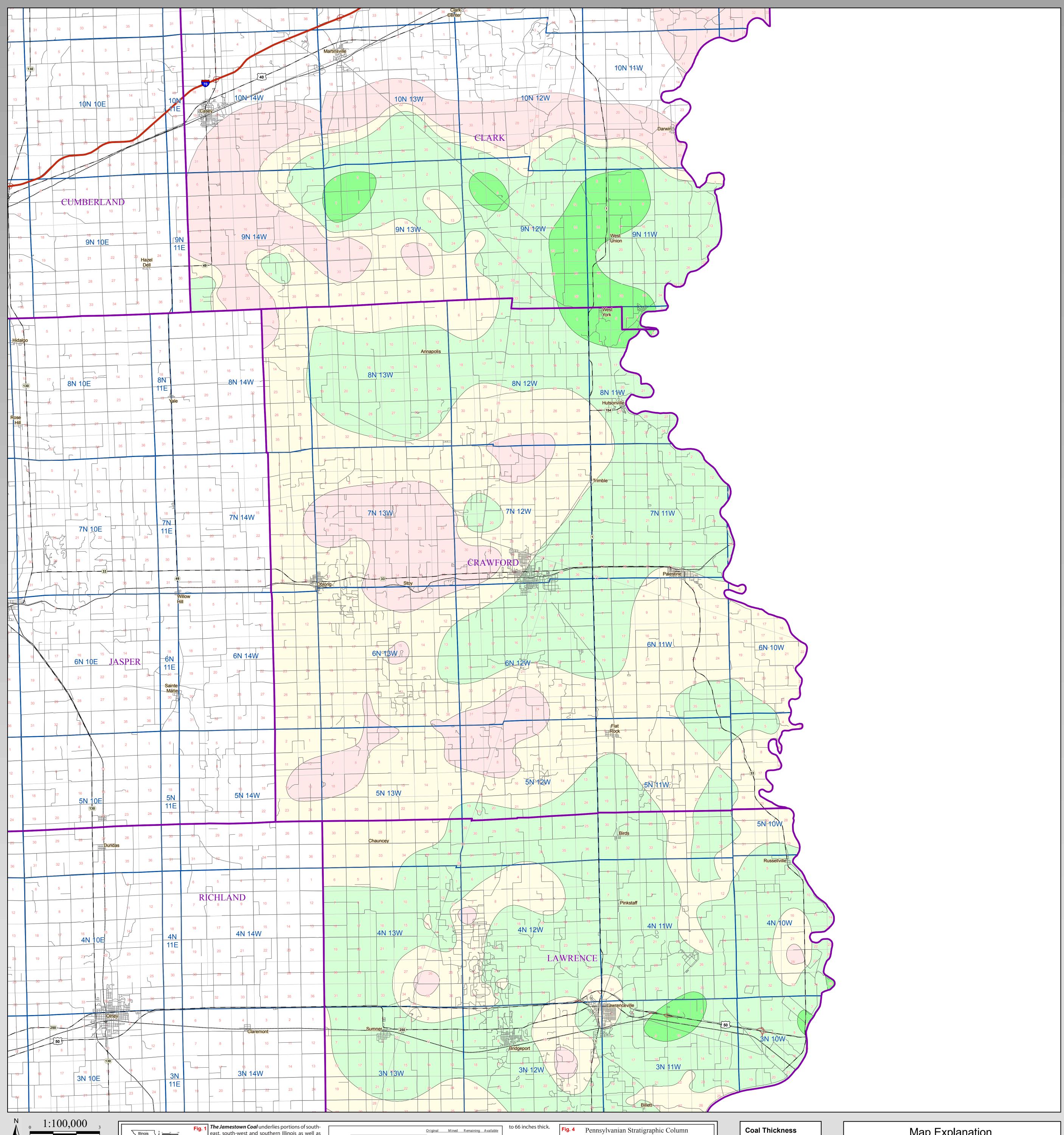
County Coal Map Series Andrew Louchios, Scott Elrick,

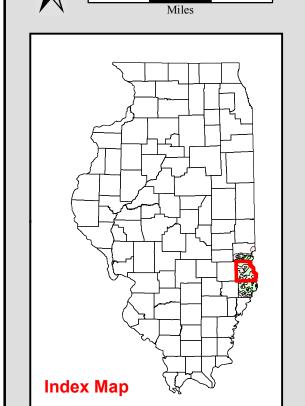
Map construction: October 27, 2009

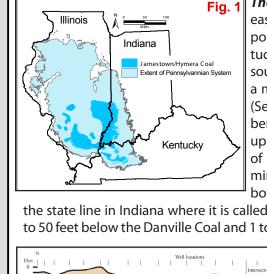
Chris Korose, David Morse

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

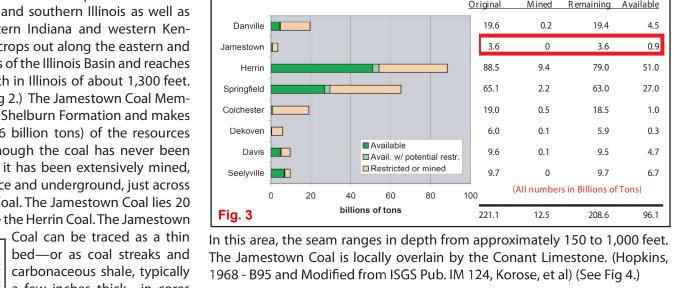




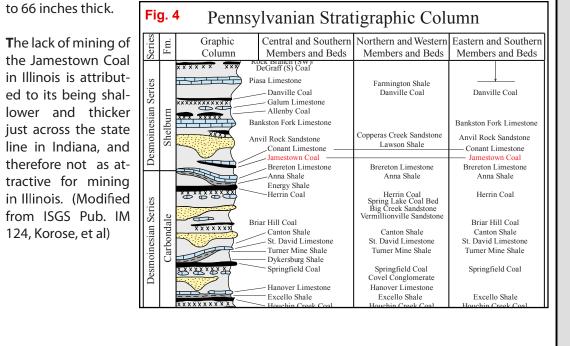


east, south-west and southern Illinois as well as portions of western Indiana and western Kentucky. The coal crops out along the eastern and southern margins of the Illinois Basin and reaches a maximum depth in Illinois of about 1,300 feet. (See Fig 1. and Fig 2.) The Jamestown Coal Member is part of the Shelburn Formation and makes up about 2% (3.6 billion tons) of the resources of the state. Although the coal has never been mined in Illinois, it has been extensively mined, both at the surface and underground, just across

the state line in Indiana where it is called the Hymera Coal. The Jamestown Coal lies 20 to 50 feet below the Danville Coal and 1 to 10 feet above the Herrin Coal. The Jamestown 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 **References**: 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



- 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 of Illinois: Illinois State Geological Survey Illinois Minerals 124, 44 p.

Surface Mine **Underground Mine** Insufficient data <28 inches 28 to 42 inches 42 to 66 inches >66 inches

Channel

Split Coal

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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