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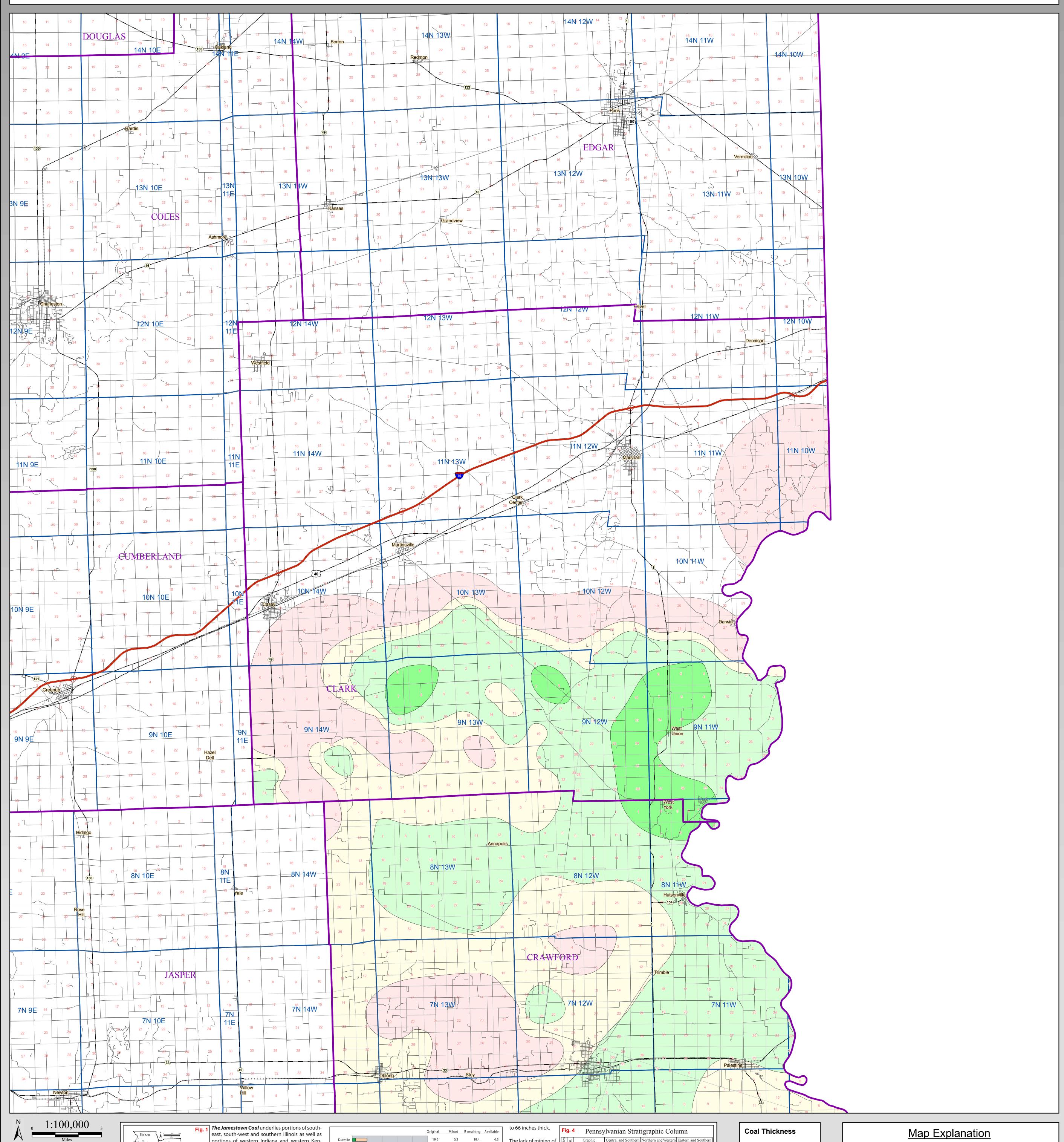
Jamestown Coal Thickness CLARK County

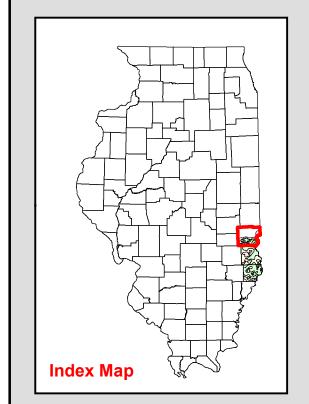
County Coal Map Series Andrew Louchios, Scott Elrick,

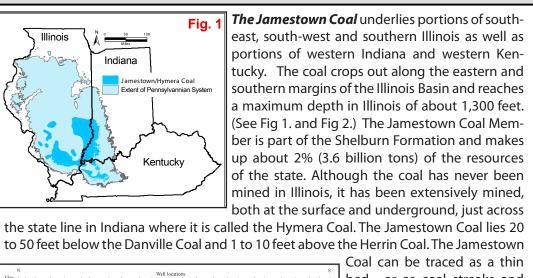
Chris Korose, David Morse Map construction: October 27, 2009

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

Avail. w/ potential restr. Restricted or mined Coal can be traced as a thin In this area, the seam ranges in depth from approximately 150 to 1,000 feet. bed—or as coal streaks and The Jamestown Coal is locally overlain by the Conant Limestone. (Hopkins,

carbonaceous shale, typically 1968 - B95 and Modified from ISGS Pub. IM 124, Korose, et al) (See Fig 4.) 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

Central and Southern Morthern and Western Eastern and Southern Members and Beds Members and Beds The lack of mining of in Illinois is attributed to its being shallower and thicker Bankston Fork Limestone just across the state Anvil Rock Sandstone Lawson Shale line in Indiana, and therefore not as at-Anna Shale
Energy Shale
Herrin Coal tractive for mining Herrin Coal in Illinois. (Modified from ISGS Pub. IM 124, Korose, et al) Springfield Coal

- 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

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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