

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

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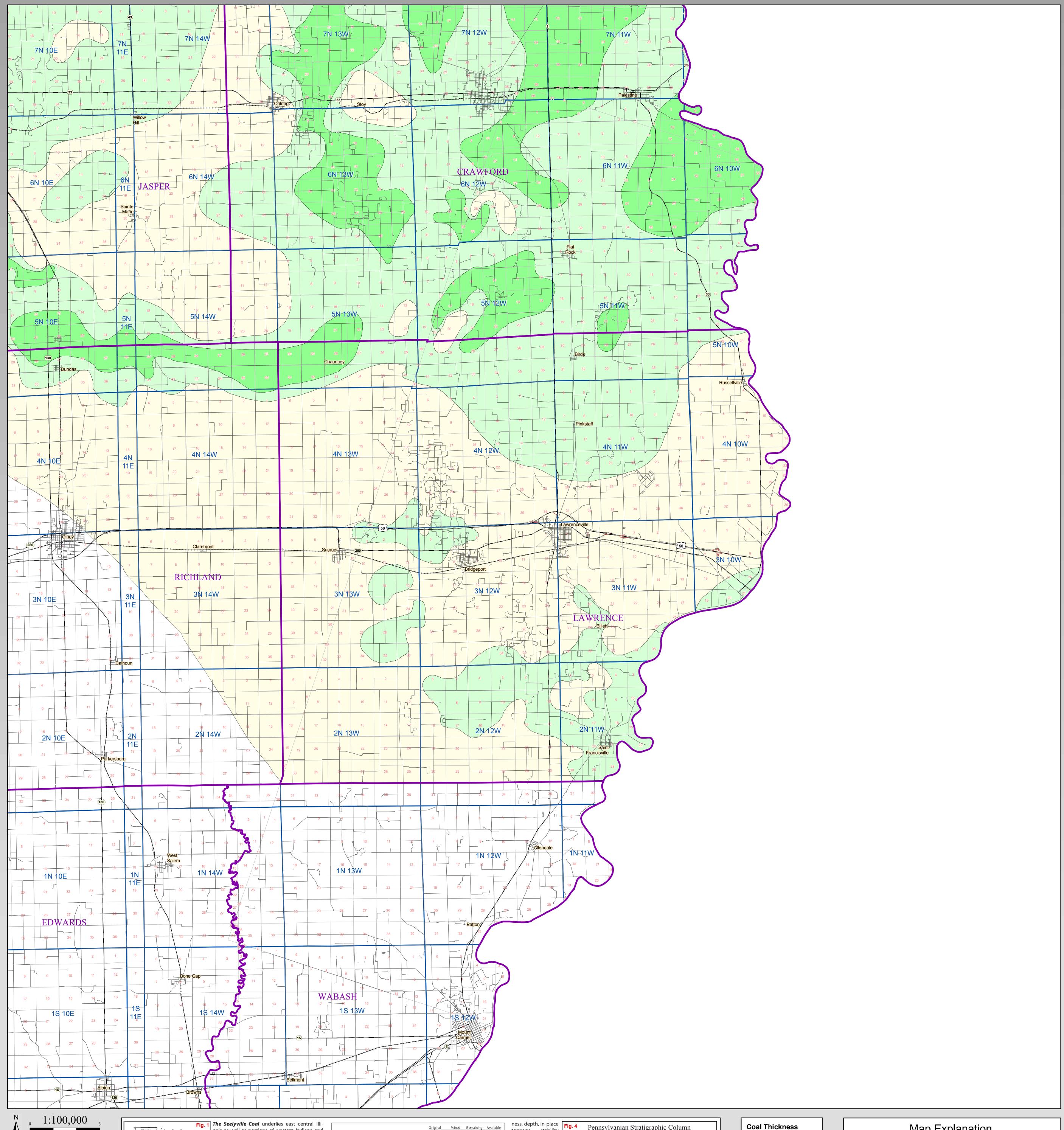
Seelyville Coal Thickness LAWRENCE County

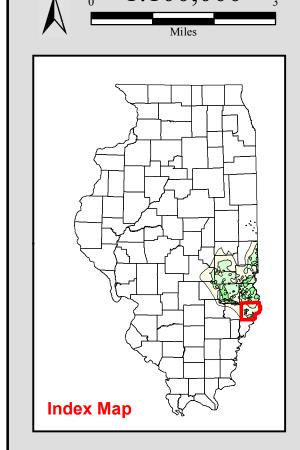
County Coal Map Series Andrew Louchios, Scott Elrick,

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





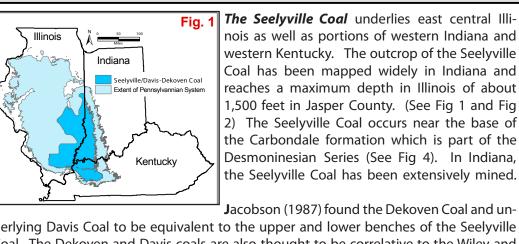
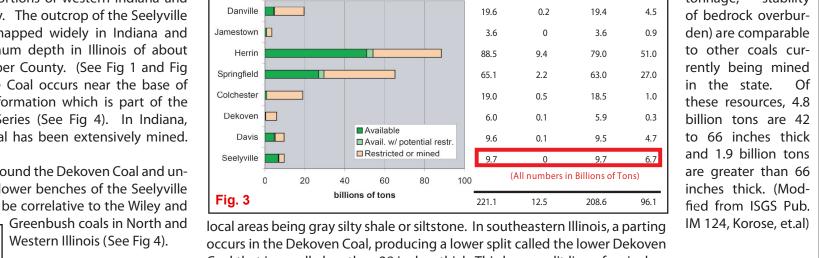


Fig. 1 The Seelyville Coal underlies east central Illinois as well as portions of western Indiana and western Kentucky. The outcrop of the Seelyville Coal has been mapped widely in Indiana and reaches a maximum depth in Illinois of about 1,500 feet in Jasper County. (See Fig 1 and Fig 2) The Seelyville Coal occurs near the base of the Carbondale formation which is part of the Desmoninesian Series (See Fig 4). In Indiana, the Seelyville Coal has been extensively mined.

derlying Davis Coal to be equivalent to the upper and lower benches of the Seelyville Coal. The Dekoven and Davis coals are also thought to be correlative to the Wiley and

and siltstone or in places by IM 124, Korose, et.al) massive, thick sandstone.

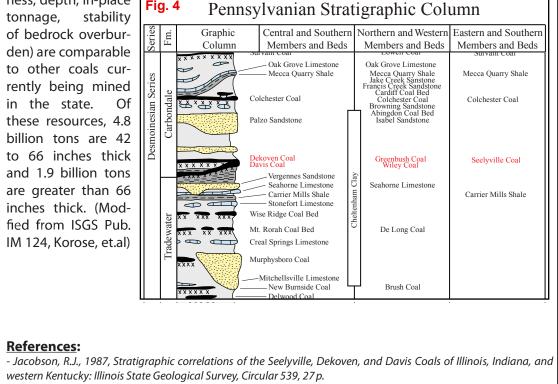


Coal that is usually less than 28 inches thick. This lower split lies a few inches The Dekoven Coal is typically below the main Dekoven Coal seam in the southern portion of mapped Dekoverlain by gray silty shale oven Coal area and up to 40 feet below in the north. (Modified from ISGS Pub.

These units are laterally vari
The original resources of the Seelyville Coal in the State of Illinois totals 9.7 able. The Davis Coal is usubillion tons. Approximately 69% of the original resources, 6.7 billion tons, are

western Kentucky: IIIIIIOIS State Geological Survey, Circuial 335, 27 p.

- Christopher P. Korose, Colin G. Treworgy, Russell J. Jacobson, and Scott D. Elrick, 2002, Availability of the Danville, ally overlain by about 5 feet of considered available for mining (See Fig 3). Available means that the surface Jamestown, Dekoven, Davis, and Seelyville Coals for mining in Selected Areas of Illinois: Illinois State Geological Survey marine black shale, with some land-use and geologic conditions related to mining of the deposit (e.g. thick- 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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