Institute of Natural Resource Sustainablity

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Dekoven Coal Thickness GALLATIN County

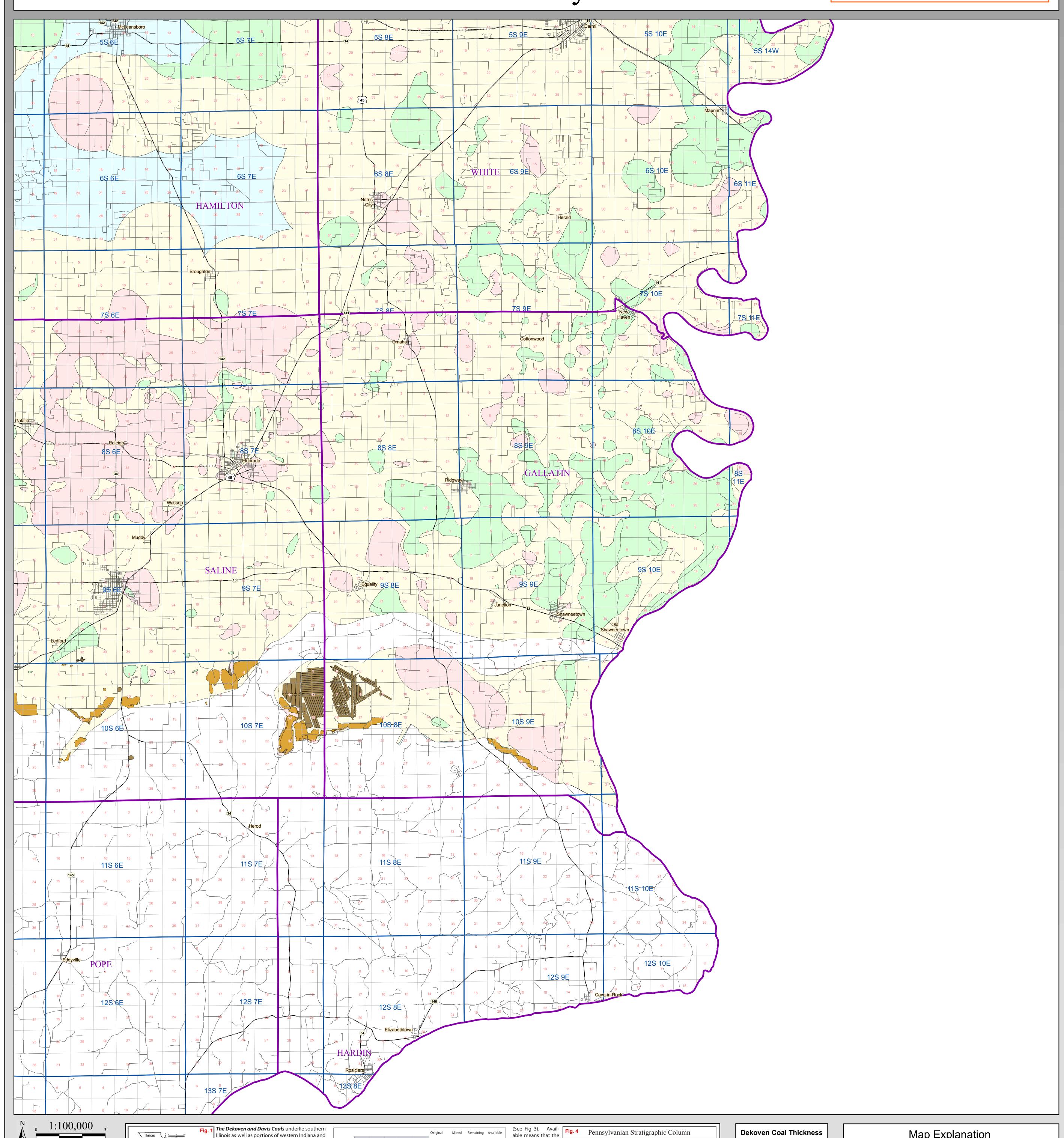
County Coal Map Series Andrew Louchios, Scott Elrick,

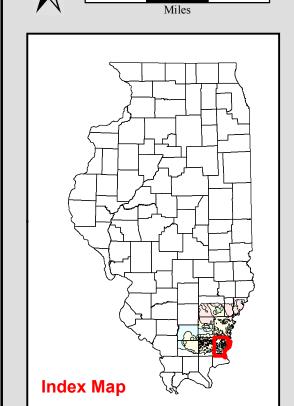
Chris Korose, David Morse

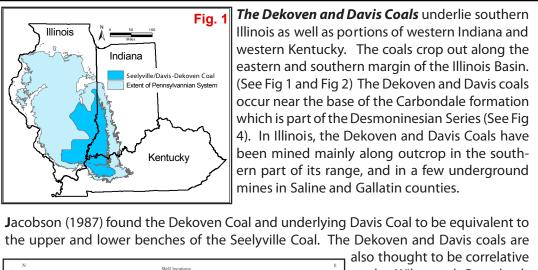
Map construction: October 27, 2009

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

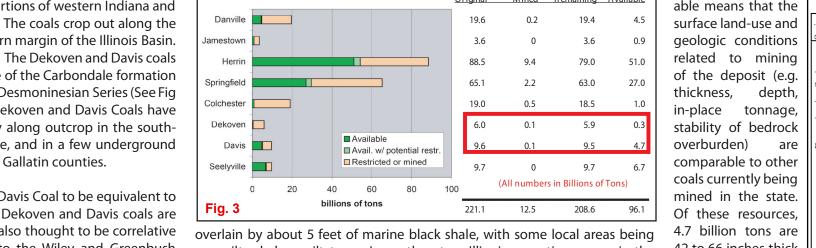






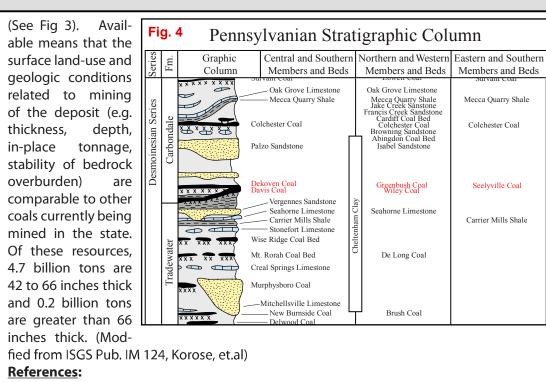
linois (See Fig 4). overlain by gray silty shale

and siltstone or in places by



to the Wiley and Greenbush gray silty shale or siltstone. In southeastern Illinois, a parting occurs in the 42 to 66 inches thick coals in North and Western II- Dekoven Coal, producing a lower split called the lower Dekoven Coal that is and 0.2 billion tons usually less than 28 inches thick. This lower split lies a few inches below the are greater than 66 main Dekoven Coal seam in the southern portion of mapped Dekoven Coal inches thick. (Mod-The Dekoven Coal is typically area and up to 40 feet below in the north. (Modified from ISGS Pub. IM 124, fied from ISGS Pub. IM 124, Korose, et.al) Korose, et.al)

massive, thick sandstone. **T**he original resources of Dekoven and Davis coals in the State of Illinois totals These units are laterally vari- 15.6 billion tons, 0.2 billion of which have been mined. Approximately 32% of the original resources, 5 billion tons, are considered available for mining Illinois Minerals 124, 44 p.



- Jacobson, R.J., 1987, Stratigraphic correlations of the Seelyville, Dekoven, and Davis Coals of Illinois, Indiana, and western Kentucky: Illinois State Geological Survey, Circular 539, 27 p. - 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

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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