## ILLINOIS AT URBANA-CHAMPAIGN Institute of Natural Resource Sustainability William W. Shilts, Executive Director **ILLINOIS STATE GEOLOGICAL SURVEY** E. Donald McKay III, Interim Director For more information contact: Institute of Natural Resource Sustainablity Illinois State Geological Survey 615 East Peabody Drive Champaign, Illinois 61820-6964

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## Danville Coal Depth MORGAN County

County Coal Map Series Andrew Louchios, Scott Elrick,

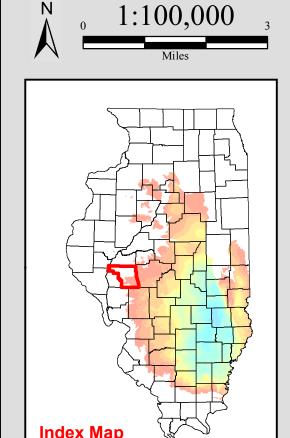
Map construction: October 26, 2009

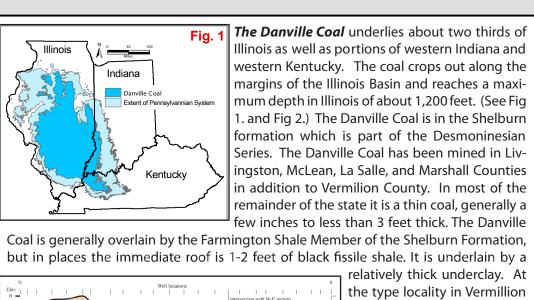
This product is under review and may not meet the standards of the Illinois State Geological Survey.

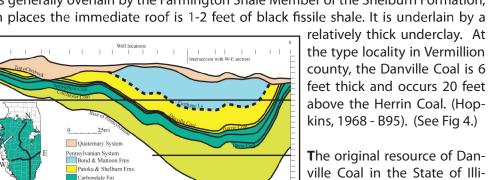
Chris Korose, David Morse

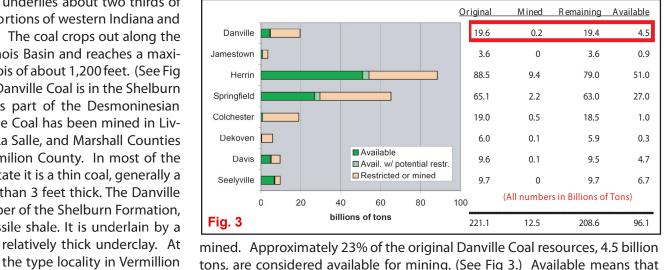
County coal maps and select quadrangle maps available as downloadable PDF files at: http://www.isgs.illinois.edu/maps-data-pub/coal-maps/county-index.shtml

SCHUYLER 18N 11W 18N 10W 18N 9W 18N BW 18N 7W 1S 2W BROWN 17N 12W <del>17</del>N-11W 25 1W 17N 10W 17N 9W 17N BW 17N 7W 2S,2W Ashland 16N 11W 16N 10W 16N 9W 16N 8V 16N 7W 16N-13W-3S 2W SANGAMON Chapin MORGAN-15N 12₩ 15N 11W 15N 7W 15N BW− Exeter Lynnville 14N 14W 14N 13W 14N 12W 14N 8W 14N 7W 14N 10W SCOTA 5S 2W Waverly 13N 113W 13N<sup>2</sup>8W Glasgow GREENE 12N 12W 12N 11W MACOUPIN 11N\_13W 11N 12W |11N 9₩ 11N 8W CALHOUN 14W been mined by both **Coal Depth** 



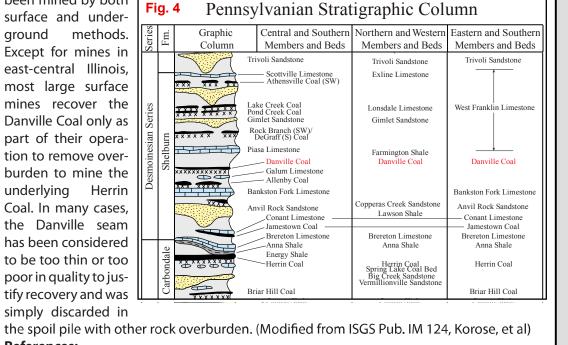






the type locality in Vermillion tons, are considered available for mining. (See Fig 3.) Available means that to be too thin or too county, the Danville Coal is 6 the surface land-use and geologic conditions related to mining of the deposit poor in quality to jusfeet thick and occurs 20 feet (e.g. thickness, depth, in-place tonnage, stability of bedrock overburden) are tify recovery and was above the Herrin Coal. (Hop- comparable to other coals currently being mined in the state. Of these resources, 4 billion tons occur in coal 42 to 66 inches thick and 0.4 billion tons occur in thicknesses greater than 66 inches.

ville Coal in the State of Illi- **T**he Danville Coal has been mined in Illinois for over 100 years, but only about nois totals 19.6 billion tons, 1% of the original resource has been depleted. The most extensive area of of which 0.2 billion have been mining was in east-central Illinois near the city of Danville where the coal has of Illinois: Illinois State Geological Survey Illinois Minerals 124, 44 p.



simply discarded in the spoil pile with other rock overburden. (Modified from ISGS Pub. IM 124, Korose, et al) - 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, Availabil-

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 ity of the Danville, Jamestown, Dekoven, Davis, and Seelyville Coals for mining in Selected Areas 1500 to 1600 ft

< 200 ft

200 to 300 ft

300 to 400 ft

400 to 500 ft

## **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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