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Danville Coal Thickness CHAMPAIGN

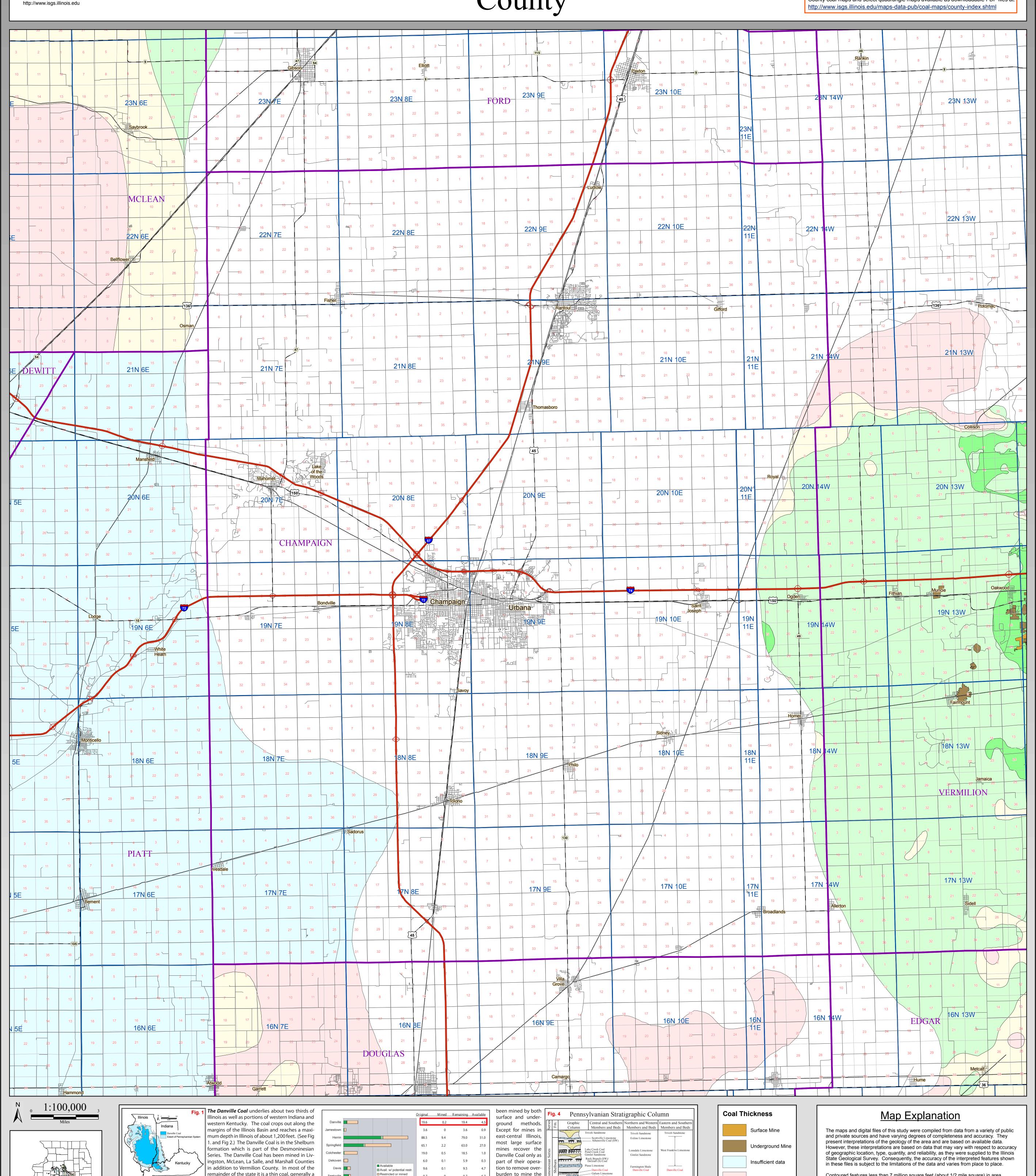
County Coal Map Series Andrew Louchios, Scott Elrick,

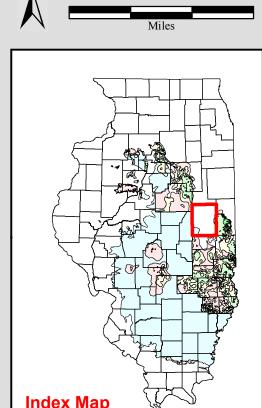
Map construction: October 28, 2009

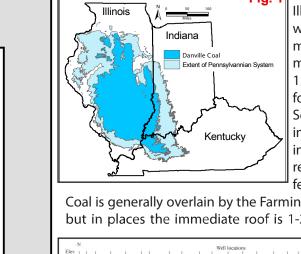
Chris Korose, David Morse

standards of the Illinois State Geological Survey.

This product is under review and may not meet the County 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

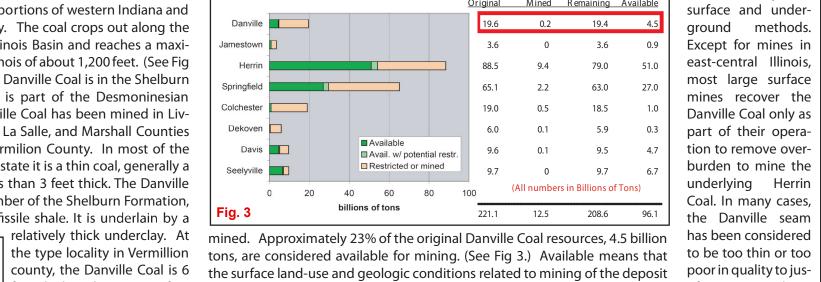






remainder of the state it is a thin coal, generally a few inches to less than 3 feet thick. The Danville Coal is generally overlain by the Farmington Shale Member of the Shelburn Formation,

but in places the immediate roof is 1-2 feet of black fissile shale. It is underlain by a kins, 1968 - B95). (See Fig 4.) **T**he original resource of Dan-



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.

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.

ville Coal in the State of Illi- **T**he Danville Coal has been mined in Illinois for over 100 years, but only about

burden to mine the underlying Herrin Bankston Fork Limestone Coal. In many cases, Anvil Rock Sandstone the Danville seam Herrin Coal Spring Lake Coal Bed Big Creek Sandstone Herrin Coal

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, Availabilnois totals 19.6 billion tons, 1% of the original resource has been depleted. The most extensive area of ity of the Danville, Jamestown, Dekoven, Davis, and Seelyville Coals for mining in Selected Areas

<28 inches 28 to 42 inches 42 to 66 inches

>66 inches

Channel

Split Coal

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

The Illinois State Geological Survey and the University of Illinois make no guarantee, expressed or implied, regarding the correctness of the interpretations presented in this data set and accept no liability for the consequences of decisions made by others on the basis of the information presented here.

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