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

(217) 333-4747

http://www.isgs.illinois.edu

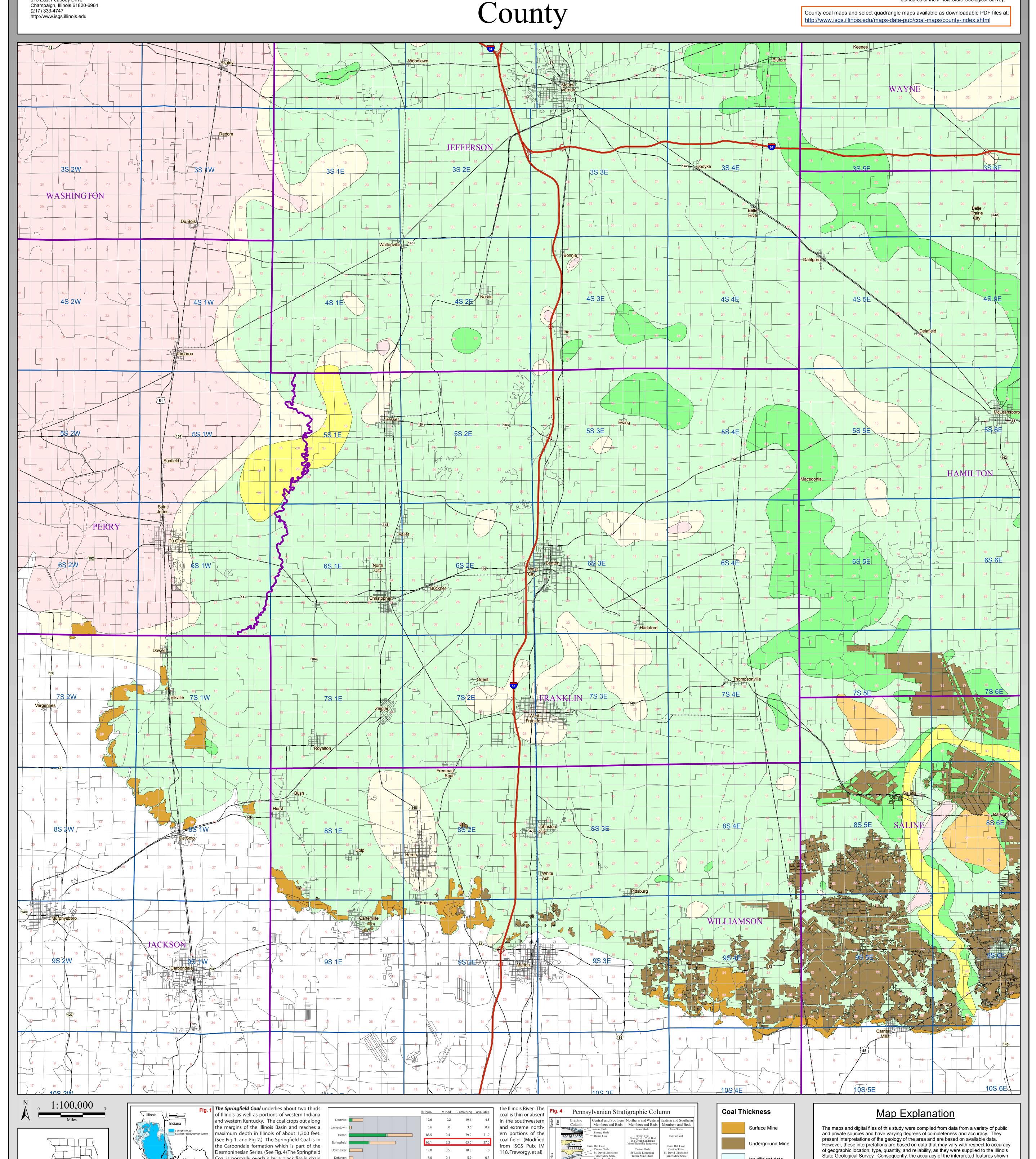
Springfield Coal Thickness FRANKLIN

County Coal Map Series Andrew Louchios, Scott Elrick, Chris Korose, David Morse

Map construction: October 28, 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:



Insufficient data

<28 inches

28 to 42 inches

42 to 66 inches

>66 inches

Channel

Split Coal

Springfield Coal

Excello Shale Houchin Creek Coal

Colchester Coal

Hanover Limestone Excello Shale Houchin Creek Coal Breezy Hill Limestone Kerton Creek Coal Pleasantview Sandstone

Lowell Coal

- Treworgy, C.G., C.P. Korose, C.A. Chenoweth, and D.L. North, 1999a, Availability of the Springfield

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

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

conceptual model of the geology of the area on which to base further work.

© 2009 Board of Trustees of the University of Illinois. All rights reserved.

basis of the information presented here.

Coal is normally overlain by a black fissile shale

called the Turner Mine shale, but in southeastern

Illinois, in a belt several miles wide that trends

southwestward, the coal is thick and is overlain

tons, of which 2.2 billion have

by the gray silty Dykersburg Shale. In that belt the coal is commonly split by shale part-

ings, and contains less pyrite than where it is overlain by the black fissile shale (Hopkins,

Avail. w/ potential restr

The original resource of burden) are comparable to other coals currently being mined in the state. Of

Springfield Coal in the State these resources, 23 billion tons occur in coal 42 to 66 inches thick and 4 billion

been mined. Approximately **T**he Springfield Coal has been mined in Illinois for well over 100 years. The

41% of the original Springfield thickest resources of Springfield Coal in Illinois are found in the central part of

are considered available for along the Galatia Channel. Recent and historical mining of the coal has been

of Illinois totals 65.1 billion tons occur in thicknesses greater than 66 inches thick.

means that the surface land-use and geologic conditions related to mining of the deposit (e.g. thickness, depth, in-place tonnage, stability of bedrock over-

12.5

Coal resources, 27 billion tons, the state around the city of Springfield and in the southeastern part of the state - Handbook of Illinois Stratigraphy, 1975, Illinois State Geological Survey Bulletin 95, 261p.

mining (See Fig 3.). Available concentrated in these areas and in shallow surface minable deposits west of coal for mining in Illinois: Illinois State Geological Survey Illinois Minerals 118, 43 p.