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

Danville Coal Thickness WILLIAMSON County

County Coal Map Series

Andrew Louchios, Scott Elrick,
Chris Korose, David Morse

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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 Macedonia HAMILTON PERRY 6S 6E 7S 6E 7S 4E 7S 3E Elkville 7S 1W 7S 2E 7S 1E JACKSON 8S 4E 8S 2W / Pittsburg WILLIAMSON 10S 3E 10S 2W 10S 2E 11S 6E 118 5E McCormick UNION 12S 6E 12S 4E Simpson 12S 2W 12S 1E 12\$ 2E **JOHNSON** 13S 4E The Danville Coal underlies about two thirds of been mined by both **Coal Thickness Map Explanation** Fig. 4 Pennsylvanian Stratigraphic Column Illinois as well as portions of western Indiana and surface and under-Central and Southern Northern and Western Eastern and Southern Members and Beds Members and Beds Members and Beds western Kentucky. The coal crops out along the ground methods. Indiana margins of the Illinois Basin and reaches a maxi-Except for mines i Surface Mine The maps and digital files of this study were compiled from data from a variety of public mum depth in Illinois of about 1,200 feet. (See Fig and private sources and have varying degrees of completeness and accuracy. They east-central Illinois, present interpretations of the geology of the area and are based on available data. . and Fig 2.) The Danville Coal is in the Shelburn most large surface Underground Mine However, these interpretations are based on data that may vary with respect to accuracy formation which is part of the Desmoninesian mines recover the Lonsdale Limestone of geographic location, type, quantity, and reliability, as they were supplied to the Illinois Series. The Danville Coal has been mined in Liv-Danville Coal only as Gimlet Sandstone State Geological Survey. Consequently, the accuracy of the interpreted features shown ingston, McLean, La Salle, and Marshall Counties part of their opera-Insufficient data in these files is subject to the limitations of the data and varies from place to place. n addition to Vermilion County. In most of the tion to remove over-— Danville Coal — Galum Limestone ■ Avail. w/ potential restr. Danville Coal remainder of the state it is a thin coal, generally a burden to mine the Contoured features less than 7 million square feet (about 1/2 mile square) in area <28 inches few inches to less than 3 feet thick. The Danville may not be accurately portrayed or resolved. This data set provides a large-scale underlying Bankston Fork Limestone Coal is generally overlain by the Farmington Shale Member of the Shelburn Formation, conceptual model of the geology of the area on which to base further work. Coal. In many cases, Anvil Rock Sandstone These data are not intended for use in site-specific screening or decision-making. but in places the immediate roof is 1-2 feet of black fissile shale. It is underlain by a 12.5 the Danville seam 28 to 42 inches relatively thick underclay. At mined. Approximately 23% of the original Danville Coal resources, 4.5 billion has been considered the type locality in Vermillion tons, are considered available for mining. (See Fig 3.) Available means that to be too thin or too Herrin Coal 42 to 66 inches county, the Danville Coal is 6 the surface land-use and geologic conditions related to mining of the deposit poor in quality to jus-Disclaimer feet thick and occurs 20 feet (e.g. thickness, depth, in-place tonnage, stability of bedrock overburden) are tify recovery and was

simply discarded in

nois 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

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.

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-

>66 inches

Channel

Split Coal

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data set and accept no liability for the consequences of decisions made by others on the

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basis of the information presented here.

above the Herrin Coal. (Hop- comparable to other coals currently being mined in the state. Of these re-

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

sources, 4 billion tons occur in coal 42 to 66 inches thick and 0.4 billion tons

kins, 1968 - B95). (See Fig 4.)

The original resource of Dan-