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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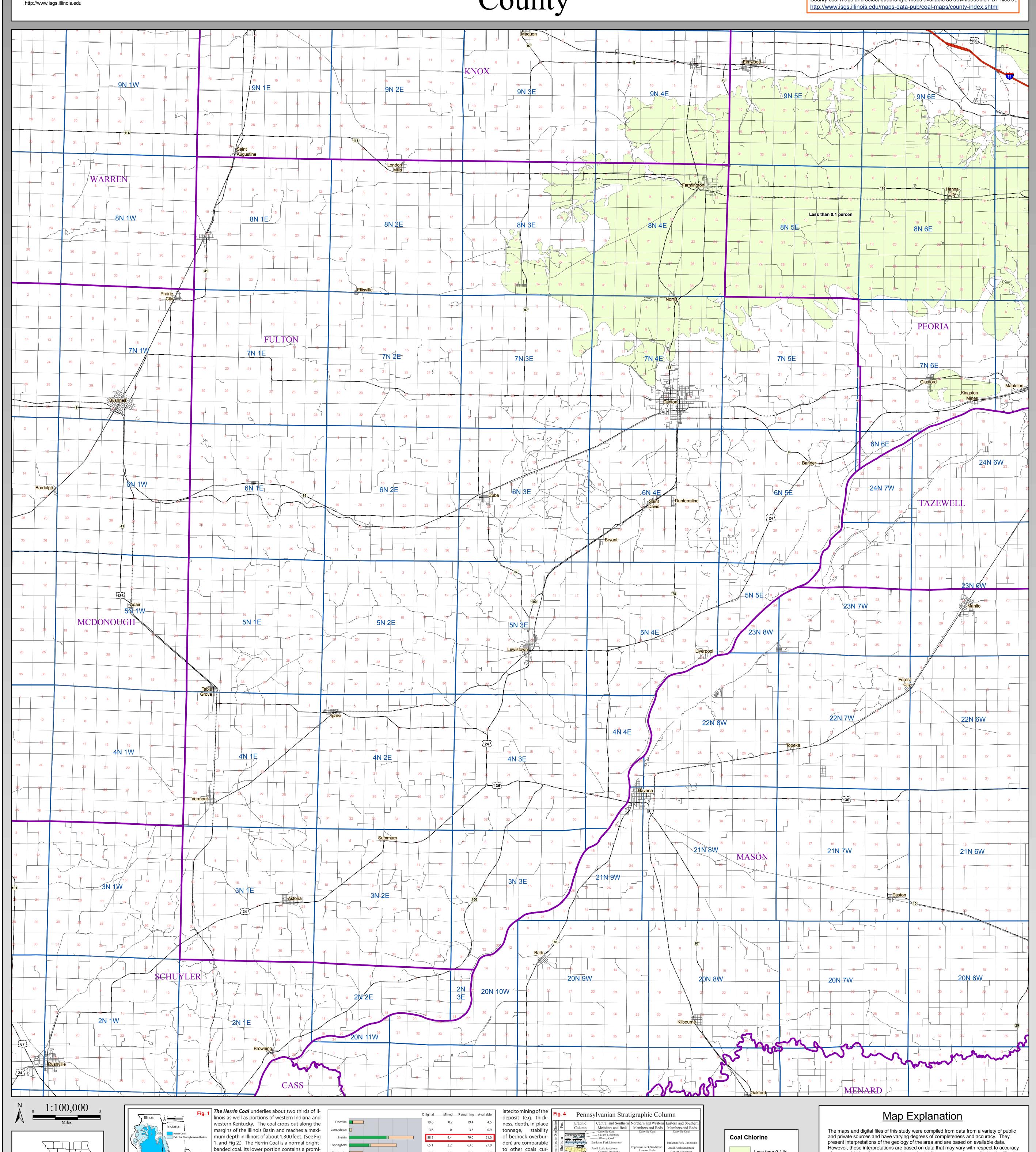
Herrin Coal Chlorine FULTON County

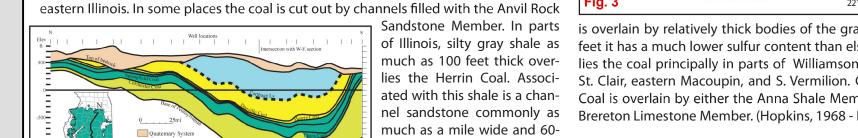
County Coal Map Series Andrew Louchios, Scott Elrick, Chris Korose, David Morse

Map construction: October 29, 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:





orth-south cross section of the Pennsylvanian System in Illinois

southern, and northern Illinois, as well as in the southern part of the Danville region of

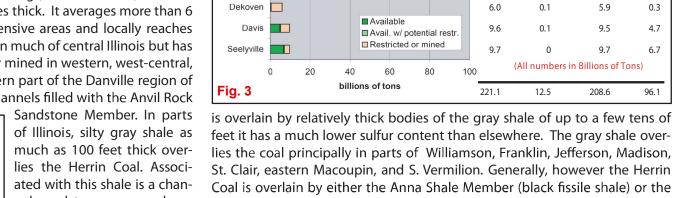
nent claystone parting (the "blue band") that nor-

mally is 1-3 inches thick. It averages more than 6

feet thick in extensive areas and locally reaches

15 feet. It is thin in much of central Illinois but has

been extensively mined in western, west-central,



Rock Sandstone and may be tons, of which 9.4 billion have been mined. Approximately 58% of the original

221.1	12.5	208.6	96.1	occur in thicknesses	noir
elsewh n, Fra Gene mber	nere. The nklin, Jef erally, hov	to a few gray shal ferson, M wever the sile shale)	e over- adison, Herrin	occur in thicknesses greater than 66 inch- es. (Modified from ISGS Pub. IM 120, Treworgy, et al)	Desr

to other coals cur-

rently being mined

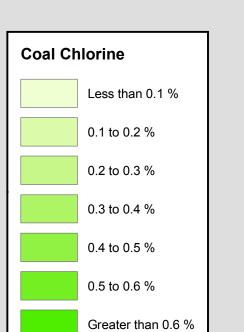
in the state. Of these

resources, 21 billion

42 to 66 inches thick

and 30 billion tons

80 feet thick mapped as Anvil The original resource of Herrin Coal in the State of Illinois totals 88.5 billion References: - Handbook of Illinois Stratigraphy, 1975, Illinois State Geological Survey Bulletin 95, 261p. contemporaneous with the Herrin Coal resources, 51 billion tons, are considered available for mining. (See - Treworgy, C.G., C.P. Korose, C.A. Chenoweth, and D.L. North, 1999a, Availability of the Herrin coal. In areas where the coal Fig 3.) Available means that the surface land-use and geologic conditions re-Coal for mining in Illinois: Illinois State Geological Survey Illinois Minerals 120, 54 p.



rereton Limesto Anna Shale

Briar Hill Coal Canton Shale

St. David Limestone Turner Mine Shale

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

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

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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