eastern Illinois. In some places the coal is cut out by channels filled with the Anvil Rock

North-south cross section of the Pennsylvanian System in Illinois

much as a mile wide and 60-

Herrin Coal Elevation FULTON County

County Coal Map Series

ISGS Coal Section

Map construction: May, 2015

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:

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,

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

Data included in this map are suitable for use at a scale of 1:100,000.

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basis of the information presented here.

-100 to 0 ft

-200 to -100 ft

-300 to -200 ft

-400 to -300 ft

-500 to -400 ft

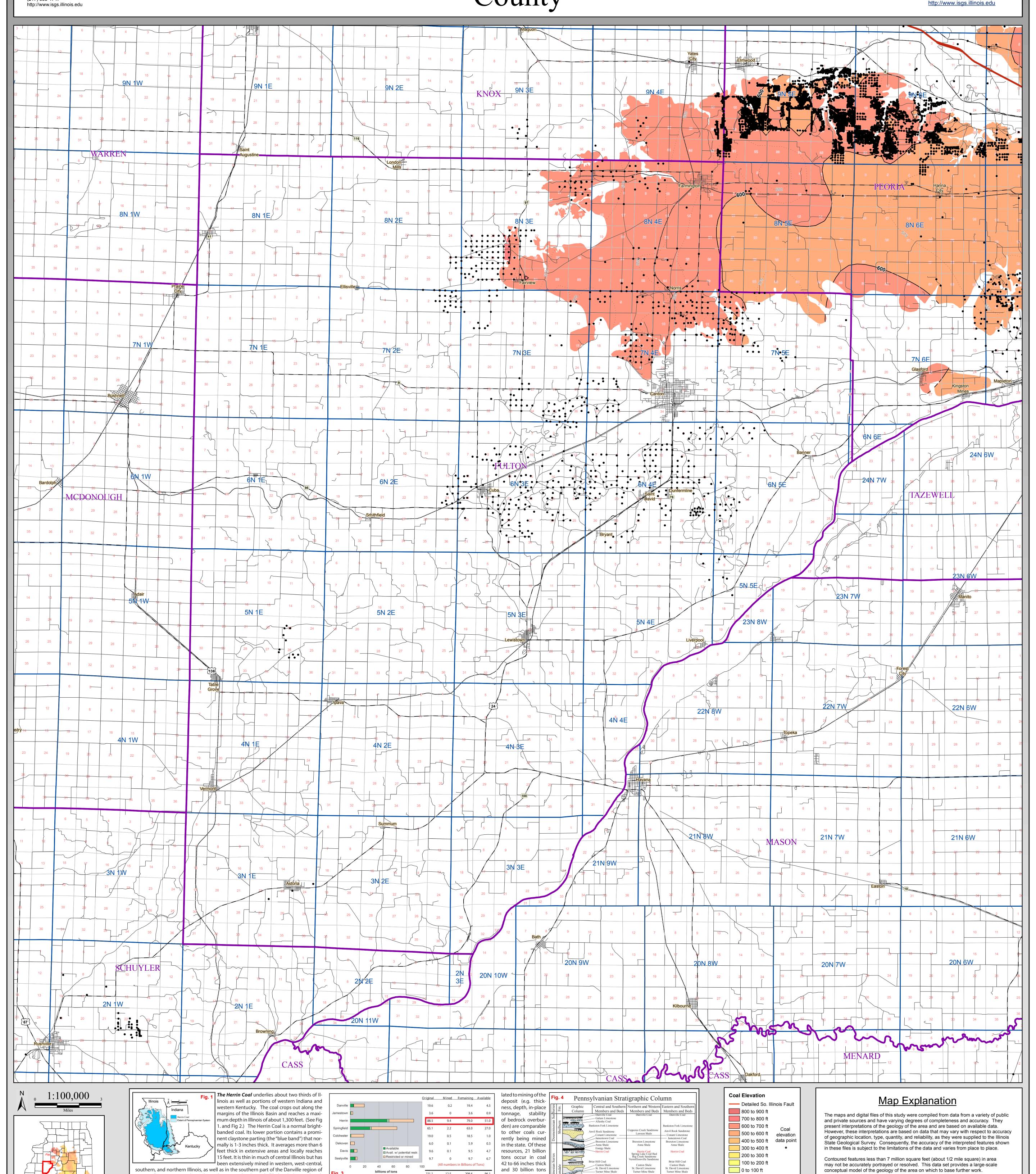
-600 to -500 ft

-700 to -600 ft

-800 to -700 ft

-900 to -800 ft

< -900 ft



occur in thicknesses

Treworgy, et al)

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

Rock Sandstone and may be tons, of which 9.4 billion have been mined. Approximately 58% of the original - Handbook of Illinois Stratigraphy, 1975, Illinois State Geological Survey Bulletin 95, 261p.

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.

Sandstone Member. In parts is overlain by relatively thick bodies of the gray shale of up to a few tens of greater than 66 inch-

of Illinois, silty gray shale as feet it has a much lower sulfur content than elsewhere. The gray shale over- es. (Modified from

much as 100 feet thick over- lies the coal principally in parts of Williamson, Franklin, Jefferson, Madison, ISGS Pub. IM 120,

80 feet thick mapped as Anvil
The original resource of Herrin Coal in the State of Illinois totals 88.5 billion
References:

lies the Herrin Coal. Associ- St. Clair, eastern Macoupin, and S. Vermilion. Generally, however the Herrin

ated with this shale is a chan- Coal is overlain by either the Anna Shale Member (black fissile shale) or the

contemporaneous with the Herrin Coal resources, 51 billion tons, are considered available for mining. (See

nel sandstone commonly as Brereton Limestone Member. (Hopkins, 1968 - B95, See Fig 4.)