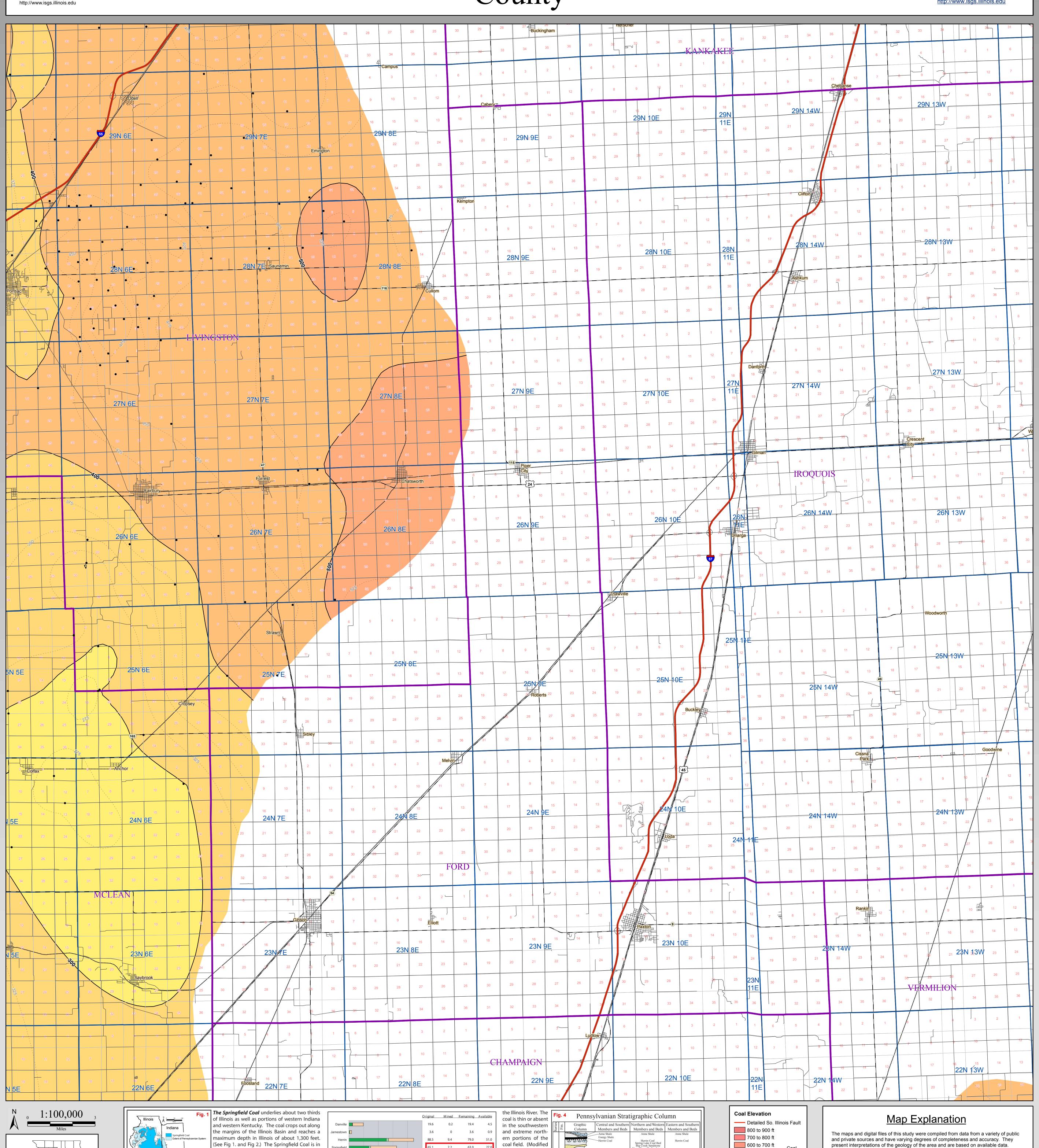
Springfield Coal Elevation FORD County

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: http://www.isgs.illinois.edu



ings, and contains less pyrite than where it is overlain by the black fissile shale (Hopkins, -100 to 0 ft 1968 - B95). (See Fig 4.) means that the surface land-use and geologic conditions related to mining of -200 to -100 ft the deposit (e.g. thickness, depth, in-place tonnage, stability of bedrock over-Colchester Coal -300 to -200 ft The original resource of burden) are comparable to other coals currently being mined in the state. Of -400 to -300 ft Springfield Coal in the State these resources, 23 billion tons occur in coal 42 to 66 inches thick and 4 billion of Illinois totals 65.1 billion -500 to -400 ft tons occur in thicknesses greater than 66 inches thick. tons, of which 2.2 billion have -600 to -500 ft been mined. Approximately The Springfield Coal has been mined in Illinois for well over 100 years. The

- Handbook of Illinois Stratigraphy, 1975, Illinois State Geological Survey Bulletin 95, 261p.

Coal for mining in Illinois: Illinois State Geological Survey Illinois Minerals 118, 43 p.

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

Avail. w/ potential res

thickest resources of Springfield Coal in Illinois are found in the central part of **References**:

the state around the city of Springfield and in the southeastern part of the state

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

mining (See Fig 3.). Available concentrated in these areas and in shallow surface minable deposits west of

from ISGS Pub. IM

118, Treworgy, et al)

the Carbondale formation which is part of the

Desmoninesian Series. (See Fig. 4) The Springfield

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

41% of the original Springfield

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

North-south cross section of the Pennsylvanian System in Illinois

Index Map

basis of the information presented here. © 2015 Board of Trustees of the University of Illinois. All rights reserved.

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

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

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.

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

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

500 to 600 ft

400 to 500 ft

300 to 400 ft

200 to 300 ft

100 to 200 ft

-700 to -600 ft

-800 to -700 ft

-900 to -800 ft

< -900 ft

0 to 100 ft

elevation

data point