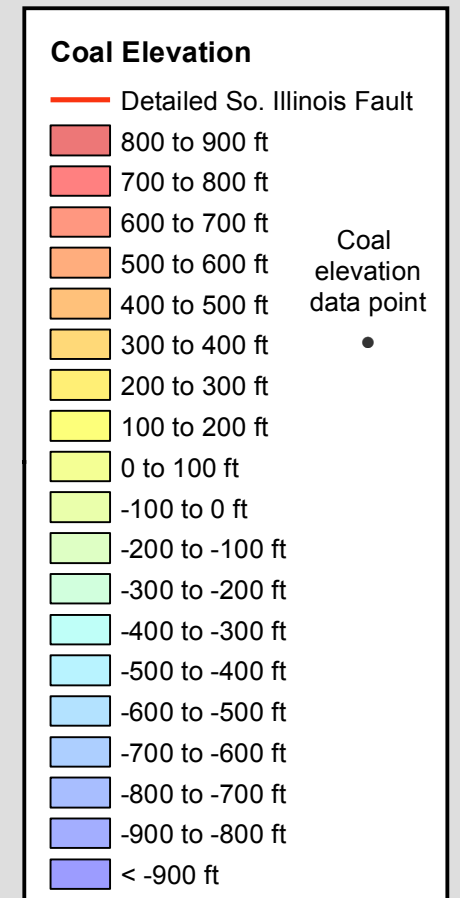
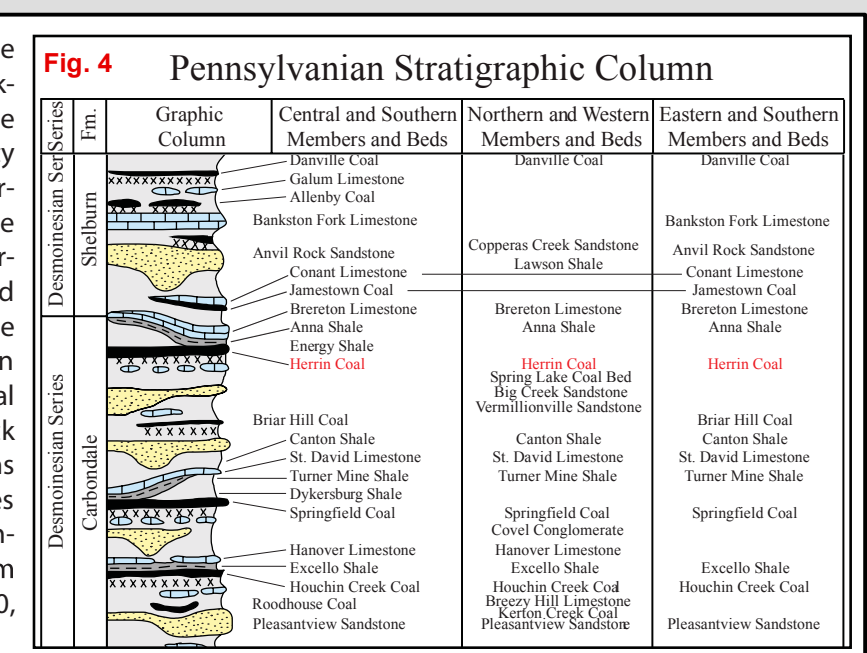


The original resource of Herrin Coal in the State of Illinois totals 88.5 billion tons, of which 9.4 billion have been mined. Approximately 58% of the original Herrin Coal resources, 51 billion tons, are considered available for mining. (See Fig. 3.) Available means that the surface land-use and geologic conditions re-

Fig. 4. Pennsylvania Stratigraphic Column

The diagram illustrates the Pennsylvania Stratigraphic Column, showing the relative thickness and composition of various geological units. The vertical scale on the left indicates thickness in feet, ranging from 0 to 1000. The column is divided into four main sections, each with a distinct color and pattern. The units are listed in the following table:

Group	Unit	Approximate Thickness (ft)
Graphic Column	Baraboo Fork Limestone	0 - 10
	Beaver Creek Limestone	10 - 20
	Clinton Limestone	20 - 30
	Clinton Limestone	30 - 40
	Clinton Limestone	40 - 50
	Clinton Limestone	50 - 60
	Clinton Limestone	60 - 70
	Clinton Limestone	70 - 80
	Clinton Limestone	80 - 90
	Clinton Limestone	90 - 100
Central and Southern Members and Beds	Beaver Creek Limestone	10 - 20
	Clinton Limestone	20 - 30
	Clinton Limestone	30 - 40
	Clinton Limestone	40 - 50
	Clinton Limestone	50 - 60
	Clinton Limestone	60 - 70
	Clinton Limestone	70 - 80
	Clinton Limestone	80 - 90
	Clinton Limestone	90 - 100
	Clinton Limestone	100 - 110
Northern and Western Members and Beds	Beaver Creek Limestone	10 - 20
	Clinton Limestone	20 - 30
	Clinton Limestone	30 - 40
	Clinton Limestone	40 - 50
	Clinton Limestone	50 - 60
	Clinton Limestone	60 - 70
	Clinton Limestone	70 - 80
	Clinton Limestone	80 - 90
	Clinton Limestone	90 - 100
	Clinton Limestone	100 - 110
Eastern and Southern Members and Beds	Beaver Creek Limestone	10 - 20
	Clinton Limestone	20 - 30
	Clinton Limestone	30 - 40
	Clinton Limestone	40 - 50
	Clinton Limestone	50 - 60
	Clinton Limestone	60 - 70
	Clinton Limestone	70 - 80
	Clinton Limestone	80 - 90
	Clinton Limestone	90 - 100
	Clinton Limestone	100 - 110



Map Explanation

The maps and digital files of this study were compiled from data from a variety of public and private sources and have varying degrees of completeness and accuracy. They present interpretations of the geology of the area and are based on available data. 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. Data included in this map are suitable for use at a scale of 1:100,000.

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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