





The Herrin Coal underlies about two thirds of Il-Fig. linois as well as portions of western Indiana and western Kentucky. The coal crops out along the margins of the Illinois Basin and reaches a maximum depth in Illinois of about 1,300 feet. (See Fig

				<u>Original</u>	Mined	Remaining	Available
Danville				19.6	0.2	19.4	4.5
Jamestown				3.6	0	3.6	0.9
Herrin				88.5	9.4	79.0	51.0
Springfield				65.1	2.2	63.0	27.0
Colchester				19.0	0.5	18.5	1.0
Dekoven				6.0	0.1	5.9	0.3
Davis		Availa Availa	able w/ potential restr.	9.6	0.1	9.5	4.7
Seelyville		Restri	icted or mined	9.7	0	9.7	6.7
	0 20	40 60	D 80	100	(All number	s in Billions of	i Tons)
Fig. 3		billions of to	ns	221.1	12.5	208.6	96.1

lated to mining of the deposit (e.g. thick-	Fig. 4 Pennsylvanian Stratigraphic Column								
ness, depth, in-place	ries	Fm.	Graphic		Central and Southern	Northern and Western	Eastern and Southern		
tonnage, stability	Series	Ē	Column		Members and Beds	Members and Beds	Members and Beds		
of bedrock overbur-	an Ser	rn	XXXXXXXXXXXXXX	_	— Danville Coal — Galum Limestone — Allenby Coal	Danville Coal	Danville Coal		
den) are comparable		lbu		Ba	nkston Fork Limestone		Bankston Fork Limestone		
to other coals cur- rently being mined	Desmoinesian	Shelburn		Ar	vil Rock Sandstone Conant Limestone Jamestown Coal Brereton Limestone	Copperas Creek Sandstone Lawson Shale	Anvil Rock Sandstone — Conant Limestone — Jamestown Coal Brereton Limestone		
in the state. Of these	╟─			\leq	Anna Shale	Anna Shale	Anna Shale		
resources, 21 billion tons occur in coal	eries		*******	_	Energy Shale Herrin Coal	Herrin Coal Spring Lake Coal Bed Big Creek Sandstone Vermillionville Sandstone	Herrin Coal		
42 to 66 inches thick	\sim		XXXXXXX	Br	iar Hill Coal		Briar Hill Coal		
and 30 billion tons		lale		_	Canton Shale St. David Limestone	Canton Shale St. David Limestone	Canton Shale St. David Limestone		
		onc		_	Turner Mine Shale	Turner Mine Shale	Turner Mine Shale		
occur in thicknesses	esmoinesian	Carbondale	88×88×8×84	_	 Dykersburg Shale Springfield Coal 	Springfield Coal	Springfield Coal		

Coal Thickness



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



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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