0 1:100,000 3 Miles

, Illinois

Norig.

Indiana



Fig. 1 The coalfields of Illinois, Indiana, and western mining (See Kentucky constitute the Eastern Region of the In- . Available terior Coal Province, known better as the Illinois that the Basin. About 36,800 square miles in Illinois are un- land-use and derlain by the coal-bearing sequence of rocks that logic cond

e Fig 3.)											_
means	Fig. 3					0	riginal	Mined	Remaining	Available	
surface	Danville						19.6	0.2	19.4	4.5	
nd geo-	Jamestown						3.6	0	3.6	0.9	
nditions	Herrin	-					88.5	9.4	79.0	51.0	
mining	Springfield	-					65.1	2.2	63.0	27.0	
osit (e.g.	Colchester										
depth,							19.0	0.5	18.5	1.0	L
onnage,	Dekoven	-		Availabl			6.0	0.1	5.9	0.3	
f bed-	Davis				e / potential restr.		9.6	0.1	9.5	4.7	
burden)	Seelyville			Restricte	ed or mined		9.7	0	9.7	6.7	
parable		0 20	40	60	80	100		(All number	s in Billions of	Tons)	
coals		5 20		ns of tons						Antonia da la facta da la f	
being							221.1	12.5	208.6	96.1	

	g .	4 Pennsy	vlvanian Strav	tigraphic Colu	umn
ies	'n.	Graphic	Central and Southern	Northern and Western	Eastern and Southern
Series	Fm.	Column	Members and Beds	Members and Beds	Members and Beds
ian Series			sa Limestone — Danville Coal — Galum Limestone — Allenby Coal nkston Fork Limestone	Farmington Shale Danville Coal	Danville Coal
Desmoinesian	Shelburn	XXXX	vil Rock Sandstone Conant Limestone Jamestown Coal	Copperas Creek Sandstone Lawson Shale	Bankston Fork Limestone Anvil Rock Sandstone — Conant Limestone — Jamestown Coal
_			Brereton Limestone Anna Shale Ene rgy Shale	Brereton Limestone Anna Shale	Brereton Limestone Anna Shale
			Herrin Coal	Herrin Coal Spring Lake Coal Bed Big Creek Sandstone Vermillionville Sandstone	Herrin Coal
		Rri Rri	ar Hill Coal Canton Shale St. David Limestone Turner Mine Shale	Canton Shale St. David Limestone Turner Mine Shale	Briar Hill Coal Canton Shale St. David Limestone Turner Mine Shale
		EL XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	 Dykersbu rg Shale Springfield Coal Hanover Limestone 	Springfield Coal Covel Conglomerate Hanover Limestone	Springfield Coal

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.



Net Coal Thickness

5 to 10 feet

10 to 15 feet

18 inches to 5 feet



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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