Image: District of Natural Resource Sustainability William W. Shifts, Executive Director Institute of Natural Resource Sustainability William W. Shifts, Executive Director ILINOIS STATE GEOLOGICAL SURVEY A: Donald McKay III, Interim Director Institute of Natural Resource Sustainability Inisitute of State Geological Survey 615 East Peabody Drive Champaign, Illinois 61820-6964 (217) 333-4747 http://www.isgs.illinois.edu	Net Coal Thickness MADISON County	County Coal Map Series Andrew Louchios, Scott Elrick, Chris Korose, David Morse Map construction: November 04, 2009 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/maps-data-pub/coal-maps/county-index.shtml
1 4 3 2 6 1 1 1 9 10 11 12 7 10 14 19 1 14 10 10 11 10 11 19 1 14 10 10 11 10 10 19 1 14 10 10 10 10 10 19 10 14 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 <th></th> <th>A C C C C C C C C C C C C C C C C C C C</th>		A C C C C C C C C C C C C C C C C C C C





e Fig 3.)														
e means	Fig. 3							<u>(</u>	Original	Mine	ed	Remaining	Availabl	le
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.		-							05.1	2.	2	00.0	27.	
depth,	Colchester	-							19.0	0.	.5	18.5	1.	.0
onnage,	Dekoven								6.0	0.	.1	5.9	0.	.3
of bed-	Davis				Avail		otential res	str.	9.6	0.	.1	9.5	4.	.7
burden)	Seelyville				Rest	ricted o	or mined		9.7		0	9.7	6.	.7
parable		-							_	(All num	nher	rs in Billions of	f Tons)	
coals		0	20	40		60	80	100)	(/mman	ibei	5 III DIIIOII5 O	10113)	
being				billic	ons of to	ons			221.1	12.	.5	208.6	96.	.1
	1													

Fi	g.	4 Pennsy	vlvanian Stra	tigraphic Colu	umn		
ies	Fm.	Graphic	Central and Southern	Northern and Western	Eastern and Southern Members and Beds		
Series	Ŧ	Column	Members and Beds	Members and Beds			
Series		Pia	sa Limestone Danville Coal Galum Limestone Allenby Coal	Farmington Shale Danville Coal	↓ Danville Coal		
esiar	burn	Ba	nkston Fork Limestone		Bankston Fork Limestone		
Desmoinesian	Shelburn	An	vil Rock Sandstone Conant Limestone	Copperas Creek Sandstone Lawson Shale	Anvil Rock Sandstone — Conant Limestone Jamestown Coal		
Ω			Brereton Limestone	Brereton Limestone Anna Shale	Brereton Limestone Anna Shale		
			Energy Shale				
			Herrin Coal	Herrin Coal Spring Lake Coal Bed Big Creek Sandstone Vermillionville Sandstone	Herrin Coal		
		XXXXXXX Bri	ar Hill Coal		Briar Hill Coal		
			Canton Shale	Canton Shale St. David Limestone	Canton Shale St. David Limestone		
			— Turner Mine Shale — Dykersbu rg Shale	Turner Mine Shale	Turner Mine Shale		
		8×8×8×8×	Springfield Coal	Springfield Coal Covel Conglomerate	Springfield Coal		
			- Hanover Limestone	Hanover Limestone			

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.



Net Coal Thickness

5 to 10 feet

10 to 15 feet

18 inches to 5 feet

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.

© 2009 Board of Trustees of the University of Illinois. All rights reserved.