<section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><text></text></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>	Springfield Coal Thickness LIVINGSTON County	County Coal Map Series Andrew Louchios, Scott Elrick, Chris Korose, David Morse Map construction: October 28, 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
$ \begin{array}{c cccccccccccccccccccccccccccccccc$	Image:	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $
	28N SE 28N AE 380 m m	Image: Problem intermediate intermediat





\ Illinois

XN 300



Fig. 1 The Springfield Coal underlies about two thirds of Illinois as well as portions of western Indiana Miles and western Kentucky. The coal crops out along Indiana the margins of the Illinois Basin and reaches a S pringfield C oal maximum depth in Illinois of about 1,300 feet.

Fig. 3		ł	oillions of	tons		221.1	12.5	208.6	96.1		
	0	20	40	60	80	100	(All number	rs in Billions o	f Tons)		Demoinerian
Seelyville			Re	stricted of	or mined	9.7	0	9.7	6.7		-in
Davis				ailable ail. w/ pc	otential restr.	9.6	0.1	9.5	4.7		, ian
Dekoven						6.0	0.1	5.9	0.3		Cariae
Colchester						19.0	0.5	18.5	1.0	118, Treworgy, et al)	
Springfield						65.1	2.2	63.0	27.0	coal field. (Modified from ISGS Pub. IM	
Herrin						88.5	9.4	79.0	51.0	ern portions of the	
Jamestown						3.6	0	3.6	0.9	and extreme north-	
Danville						19.6	0.2	19.4	4.5	in the southwestern	Cariac
						<u>Original</u>	Mined	R emaining	Available	the Illinois River. The coal is thin or absent	F

Anna Shale Central and Southern Members and Beds Anna Shale Energy Shale Herrin Coal Briar Hill Coal Canton Shale St. David Limestone Turner Mine Shale Dykersburg Shale Herrin Coal Briar Hill Coal Canton Shale St. David Limestone Turner Mine Shale Dykersburg Shale Hanover Limestone Excello Shale Houchin Creek Coal Briar Hill Coal Covel Conglomerate Hanover Limestone Excello Shale Houchin Creek Coal Briezey Hill Coal Excello Shale Houchin Creek Coal Briezey Hill Limestone Excello Shale Houchin Creek Coal Briezey Hill Limestone Excello Shale Houchin Creek Coal Briezey Hill Coal Excello Shale Houchin Creek Coal Briezey Hill Limestone Excello Shale Houchin Creek Coal Briezey Hill Limestone Excello Shale Houchin Creek Coal Briezey Hill Excello Shale Houchin Creek Coal Briezey Hill							
Line Column Members and Beds Members and Beds Members and Beds Anna Shale Anna Shale Anna Shale Anna Shale Energy Shale Herrin Coal Spring Lake Coal Bed Herrin Coal Briar Hill Coal Canton Shale St. David Limestone Briar Hill Coal Catton Shale St. David Limestone Turner Mine Shale St. David Limestone Dykersburg Shale Springfield Coal Springfield Coal Springfield Coal Sododnoue Coal Hanover Limestone Excello Shale Excello Shale Houchin Creek Coal Pleasantview Sandstone Excello Shale Houchin Creek Coal Pleasantview Sandstone Survant Coal Lowell Coal Survant Coal	J. 4	4 Pennsylvanian Stratigraphic Column					
Operating Anna Shale Anna Shale Energy Shale Herrin Coal Briar Hill Coal WXXXXXXX Briar Hill Coal Canton Shale Herrin Coal St. David Limestone Turner Mine Shale St. David Limestone Turner Mine Shale Springfield Coal Canton Shale Dykersburg Shale Springfield Coal Springfield Coal Canton Shale Springfield Coal Springfield Coal Covel Conglomerate Hanover Limestone Excello Shale Houchin Creek Coal Houchin Creek Coal Briez Hill Limestone Roodhouse Coal Pleasantview Sandstone Pleasantview Sandstone Survant Coal Lowell Coal Survant Coal	Fm.	1					
Oppont Herrin Coal Herrin Coal Herrin Coal Spring Lace Coal Bed Big Creek Sandstone Briar Hill Coal Briar Hill Coal Canton Shale St. David Limestone Briar Hill Coal Turner Mine Shale St. David Limestone St. David Limestone Turner Mine Shale Springfield Coal Coal Dykersburg Shale Springfield Coal Springfield Coal Covel Conglomerate Hanover Limestone Excello Shale Houchin Creek Coal Briezy Hill Limestone Excello Shale Houchin Creek Coal Pleasantview Sandstone Pleasantview Sandstone Survant Coal Lowell Coal Survant Coal	_		Anna Shale				
Opportuge Turner Mine Shale Turner Mine Shale Dykersburg Shale Dykersburg Shale Springfield Coal Springfield Coal Covel Conglomerate Hanover Limestone Excello Shale Houchin Creek Coal Breezy Hill Limestone Houchin Creek Coal Pleasantview Sandstone Pleasantview Sandstone Survant Coal Lowell Coal Survant Coal		B	Herrin Coal	Spring Lake Coal Bed Big Creek Sandstone Vermillionville Sandstone	Briar Hill Coal		
Roodhouse Coal Breezy Hill Limestone Pleasantview Sandstone Pleasantview Sandstone Survant Coal Lowell Coal Survant Coal	dale	B.F. P.	— Turner Mine Shale — Dykersburg Shale	Turner Mine Shale Springfield Coal	Turner Mine Shale		
Survant Coal Lowell Coal Survant Coal	Carbone	R	Excello Shale Houchin Creek Coal oodhouse Coal	Hanover Limestone Excello Shale Houchin Creek Coal	Houchin Creek Coal		
Oak Grove Limestone Oak Grove Limestone Mecca Quarry Shale Mecca Quarry Shale		X X X X X X X X X SI	urvant Coal — Oak Grove Limestone	Lowell Coal Oak Grove Limestone	Survant Coal		

Colchester Coal

Map Explanation

Surface Mine

Underground Mine

Insufficient data

28 to 42 inches

42 to 66 inches

>66 inches

Channel

Split Coal

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.

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