<section-header><section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header></section-header>	Herrin Coal Depth SHELBY County	County Coal Map Series Andrew Louchios, Scott Elrick, Chris Korose, David Morse Map construction: October 26, 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		
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ر Illinois



The Herrin Coal underlies about two thirds of Il-Fig. 1 linois as well as portions of western Indiana and Indiana 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	lated to mining deposit (e.g.
e e	Danville		19.6	0.2	19.4	4.5	ness, depth, in
-	Jamestown		3.6	0	3.6	0.9	tonnage, st
g	Herrin		88.5	9.4	79.0	51.0	of bedrock ov
-	Springfield		65.1	2.2	63.0	27.0	den) are compa
- 	Colchester		19.0	0.5	18.5	1.0	to other coals rently being r
6	Dekoven		6.0	0.1	5.9	0.3	in the state. Of
s	Davis	Available	estr. 9.6	0.1	9.5	4.7	resources, 21
S	Seelyville	Restricted or mined	9.7	0	9.7	6.7	tons occur in
l,		0 20 40 60 80	100	(All number	rs in Billions of	Tons)	42 to 66 inches
f k	Fig. 3	billions of tons	221.1	12.5	208.6	96.1	and 30 billion occur in thickr

lated to mining of the deposit (e.g. thick-	Fig. 4 Pennsylvanian Stratigraphic Column						
1 5	S		Graphic	-	1		Eastern and Southern
ness, depth, in-place	eries	Fm.	Column		Members and Beds	Members and Beds	Members and Beds
tonnage, stability	erS		Column	_	- Danville Coal	Danville Coal	Danville Coal
of bedrock overbur-	n S		××××××××××		 Galum Limestone Allenby Coal 		
den) are comparable	Desmoinesian	Shelburn		Ba	inkston Fork Limestone		Bankston Fork Limestone
to other coals cur-	oin	shel	XXXX	An	wil Rock Sandstone	Copperas Creek Sandstone	Anvil Rock Sandstone
	sm		d	_	Conant Limestone	Lawson Shale	Conant Limestone
rently being mined	ЩĞ			\bigcirc	Jamestown Coal Brereton Limestone	Brereton Limestone	Jamestown Coal Brereton Limestone
in the state. Of these				/	Anna Shale	Anna Shale	Anna Shale
resources, 21 billion	11			\leq	Energy Shale	Hamin Carl	Hermin Cool
	es		*£**8*8*8*		-Herrin Coal	Herrin Coal Spring Lake Coal Bed	Herrin Coal
tons occur in coal	Series					Big Creek Sandstone Vermillionville Sandstone	
42 to 66 inches thick			XXXXXXX	Br	iar Hill Coal Canton Shale	Canton Shale	Briar Hill Coal Canton Shale
and 30 billion tons	sia	lale		/	St. David Limestone	St. David Limestone	St. David Limestone
	ine	l ŭ		_	- Turner Mine Shale	Turner Mine Shale	Turner Mine Shale
occur in thicknesses	esmoinesian	arbondale			 Dykersburg Shale Springfield Coal 	Springfield Coal	Springfield Coal
areator than 66 inch	esi	Ü	EXXEX EX EX		Springheid Coar	Covel Conglomerate	Springheid Coar

Coal Depth Detailed So. Illinois Faults

< 100 ft

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 However, these interpretations are based on data that may vary with respect to accuracy 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.