

# **Directory of Coal Mines and Producers in Indiana—2014**

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Indiana Geological Survey Directory 12



**INDIANA  
GEOLOGICAL SURVEY**

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INDIANA UNIVERSITY

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# Directory of Coal Mines and Producers in Indiana–2014

By Kathryn R. Shaffer, Rebecca A. Meyer, and Laura A. Montgrain

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Indiana University  
Indiana Geological Survey Directory 12



## AUTHORS

Kathryn R. Shaffer is the minerals statistician of the Indiana Geological Survey.

Rebecca A. Meyer is a geographic information system and database analyst in the Coal and Industrial Minerals Section of the Indiana Geological Survey.

Laura A. Montgrain worked as a cartographic specialist in the Information Technology Section of the Indiana Geological Survey during the time of production of this directory.

Cover: Bucket of the dragline excavator at Bear Run Mine, Sullivan County, Indiana; Bear Run, owned by Peabody Midwest Mining, LLC, is the largest surface mine in the eastern United States.  
*Photograph courtesy of Tom Barrows.*



## Contents

Introduction.....	1
The Illinois Basin.....	1
Indiana coal reserves.....	1
The Indiana coal industry.....	1
Explanation of coal mine listings.....	2
Explanation of directory indexes .....	3
Acknowledgments.....	3
References.....	8
Coal-related contacts.....	9

## Figures

Figure 1. Map displaying the extent of the Illinois Basin .....	2
Figure 2. Graph showing historic Indiana coal production .....	2
Figure 3. Map showing actively permitted coal mines in Indiana and the extent of surface and underground coal-mined areas in 2012 .....	5
Figure 4. Stratigraphic chart of named coal beds in the Pennsylvanian System of west-central and southwestern Indiana .....	7

## Tables

Table 1. Indiana coal production data from 1880 to 2011 .....	4
Table 2. Indiana coal mines in reclamation during 2012 .....	6
Table 3. Mine permits approved, but unlikely to start production within 2 years .....	6

## Coal Mine Listings

Daviess County .....	10
Antioch Mine.....	12
Cannelburg Mine.....	14
Viking Mine, Corning Pit.....	16
Dubois County .....	18
Shamrock Mine .....	20
Gibson County .....	22
Francisco Underground Mine.....	24
Gibson County Mine .....	26
Gibson South Mine.....	28
Hurricane Creek Mine .....	30
Somerville Mine .....	32
Somerville South Mine.....	34
Greene County .....	36
Landree Mine .....	38
Knox County .....	40
Freelandville Mine .....	42
Freelandville Underground Mine .....	44
Oaktown Fuels Mine No. 1 .....	46
Oaktown Fuels Mine No. 2 .....	48
Viking Mine, Knox Pit .....	50

## Contents

Pike County .....	52
Augusta Mine .....	54
Blackfoot #5–Gray #1 Mine.....	56
Cardinal Mine.....	58
Hilsmeyer Mine.....	60
Hilsmeyer #2 Mine.....	62
Log Creek Mine .....	64
Prosperity Mine.....	66
Sullivan County .....	68
Bear Run Mine .....	70
Carlisle Mine .....	72
Vigo County .....	74
Lewis Mine.....	76
Warrick County .....	78
Elites Mine .....	80
Liberty Mine.....	82
West 61 Mine.....	84
Wild Boar Mine, Wild Boar Pit.....	86

## Indexes

Company Index	
Alphabetical listing of companies owning or operating mines in Indiana.....	88
Mine Index	
Alphabetical listing of coal mines in Indiana.....	91
Coal Seam Index	
Coal seams mined in Indiana during 2012 in stratigraphic sequence .....	92

# Directory of Coal Mines and Producers in Indiana—2014

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## INTRODUCTION

This directory is a compilation of information related to actively permitted coal mines and producers in Indiana. Since 1951 the Indiana Geological Survey (IGS) has published similar directories and related maps as a service to clients interested in coal, including property owners, environmental consultants, coal companies, potential investors, coal consumers, and regulatory agencies.

This directory includes index maps of the Illinois Basin and southwestern Indiana, as well as county overview maps and coal production tables for each county having mines with active permits. In addition, a detailed map of each mine shows mined-out areas, as well as locations of active pits, mine offices (when available), and local roads. Detailed maps of each mine are accompanied by tabular information including mine location, mine type, mine operation dates, mining status, coals mined, ownership information, contact personnel, addresses, phone numbers, production data, and, in many cases, mine history or other information about the mine.

Mine data were collected from coal companies and the Indiana Department of Natural Resources, Division of Reclamation (DOR) between March and December 2012. Because all data were collected in 2012, production data for 2011 were the most current available. This directory contains information related to mines that were active or idle, permit bonded, or in reclamation during that time. In addition, mines that had permits pending were included if they were expected to be through the permit process and active within two years. The currentness of mined-out areas shown in the detailed mine maps varies and is listed for each map.

Coal company personnel and governmental regulatory staff provided the majority of the source information for the maps, graphs, and tables. Every effort was made to include data that are accurate, current, and complete. Because Indiana's coal mining industry is constantly changing, it is likely that some mine ownership or contact information will soon be out of date. Please notify the Coal and Industrial Minerals Section of the Indiana Geological

Survey (phone: 812-855-2687) with any changes or corrections.

## THE ILLINOIS BASIN

Indiana's coal is mined from Pennsylvanian rocks of the Illinois Basin. The Illinois Basin is a shallow structural depression that covers most of Illinois, southwestern Indiana, and western Kentucky (fig. 1). Illinois Basin coal originated from plant material that accumulated in tropical wetlands during the Pennsylvanian Period of geologic time—approximately 300 million years ago.

## INDIANA COAL RESERVES

Indiana has approximately 33.5 billion tons of unmined coal. Approximately 17.3 billion tons is recoverable using current technology. Of the recoverable reserves, about 91 percent is recoverable by underground mining and only 9 percent is recoverable using surface mining methods. More detailed information about Indiana's coal reserves, characteristics, quality, and availability are described in various publications of the Indiana Geological Survey (Hasenmueller and Miller, 1992; Conolly and Krueger, 1997, 1998; Conolly and Zlotin, 1999; Mastalerz and Harper, 1998; Mastalerz and Drobnia, 2004; Mastalerz, Drobnia, and Filippelli, 2004; Mastalerz and others, 2004, 2005). Additional information about Indiana coal is available on the IGS website (<http://igs.indiana.edu>).

## THE INDIANA COAL INDUSTRY

Bituminous coal has been one of Indiana's most valuable natural resources since its discovery along the banks of the Wabash River in 1736. Organized development of Indiana's coal resources began in the 1830s; by 1918, production exceeded 30 million short tons. Coal production declined following World War I, but underground mining remained the primary mining method in Indiana until the 1940s. Following World War II, the advent of large-scale excavation equipment made surface (strip) mining more cost efficient, and by 1965 sur-

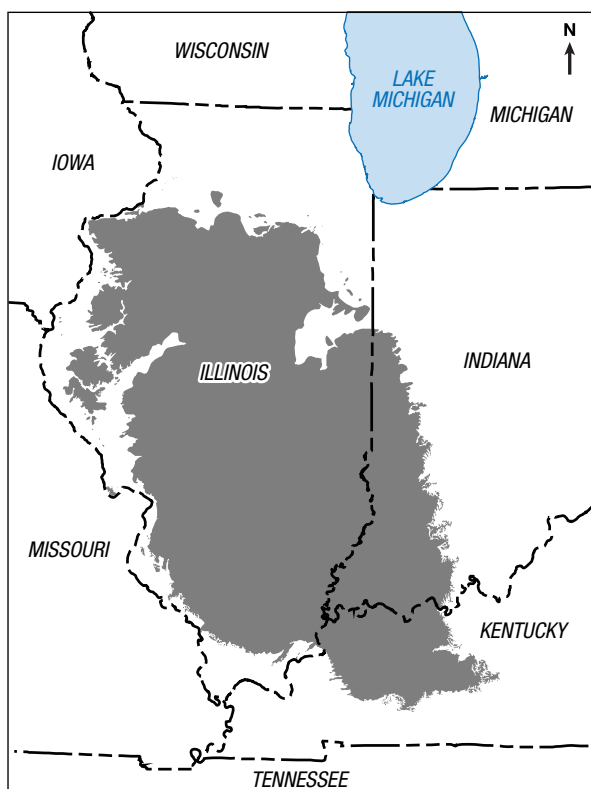


Figure 1. Map displaying the extent of the Illinois Basin. Composed of rocks deposited during the Pennsylvanian Period (310–295 million years ago), the Illinois Basin lies in Illinois, southwestern Indiana, and western Kentucky.

face mining accounted for more than 80 percent of the state's annual production. Surface mining continues to be the primary method of coal removal in Indiana, with 55 percent of the current production coming from surface mines (fig. 2, Table 1).

In 2011, 13 companies operated 23 surface mines and 7 underground mines in Indiana (fig. 3). The surface mines produced 19.6 million short tons while the underground operations produced 16

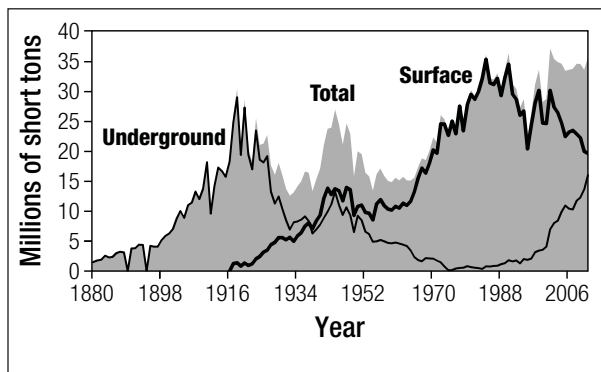


Figure 2. Graph showing historic Indiana coal production.

million short tons (Indiana Department of Natural Resources, Division of Reclamation, written commun., 2012). This amounts to a 1.8 percent decrease from 2010 for surface operations and a 17.8 percent increase for underground operations. With total production of approximately 36 million short tons, Indiana ranked seventh among U.S. coal-producing states in 2011 (U.S. Department of Energy, 2012) (fig. 2, Table 1).

## EXPLANATION OF COAL MINE LISTINGS

The primary mine information in this directory is located in the section “Coal Mine Listings.” This section includes county overview maps and detailed maps and information for each mine. These listings include coal mines that were active, idle, or had permits bonded in 2012. Active mines are mines that are currently producing coal. Idle mines are mines that have temporarily stopped mining. If a mine was listed as idle but had not produced in more than 10 years, it was not included in the mine listings. Bonded mines are mines that have a permit approved by DOR and have submitted bond for areas to be mined. Mines in reclamation or that have reported that they are permanently closed in 2012 are listed in Table 2. Mine data in this section of the report are grouped by county and listed alphabetically within each county subsection. Mines that extend into more than one county are listed in the county where coal production was last reported.

Each county subsection begins with a two-page summary that includes a county overview map and information. County overview information includes listings of mines and coal seams mined (fig. 4), a county location map, remaining recoverable coal reserves, and current and past coal production data. A designation of “N/A” in production tables indicates that data were unavailable for that year. Informal coal names may appear in the listings because they are terms that are commonly used in the coal industry. County overview maps show all known surface and underground mined areas along with locations of actively permitted coal mines.

Within each county subsection, there are two-page listings for each mine. The first page of each mine listing contains a variety of mine information including mine type, start-up year, owner and operator name (if applicable), mining status, coals mined, DOR permit number, and mine contact information, including contact person, mailing address, telephone number, and fax number. The first page

also includes a table and graph of coal production data and, in many cases, a general information section where other mine information is noted. Coal production data for 1967 to 1999 were obtained from annual reports of the Indiana Bureau of Mines and Mine Safety (IBMMS). Prior to 1967, the IBMMS did not compile production data for surface coal mines. Production data for 2000 to 2011 were obtained from the DOR and reflect net production, which means that the weight of the coal was determined by the moisture at the time of sale (not when first mined) and waste materials were not included. Some data in tables used in previous directories were revised to reflect the most current information available.

The second page of each mine listing includes mine location descriptions and two mine location maps. The smaller map shows the location of the mine within the county. The larger map shows details of the mine outline. The detailed mine maps were generated using data collected from the DOR (surface) and the IBMMS (underground). Most of the detailed maps were printed at a scale of 1 inch equals 1 mile. A few of the maps were printed at a smaller scale so that entire mine extents could be shown. Each detailed mine map shows cumulative mining for a particular mine and depicts either the coal removal area or affected area (depending on data availability). Source information and data vintage are provided with each detailed map. In addition to mined areas, the detailed maps may also show mine office locations, locations of adjacent mines, and, in some cases, locations of current highwalls.

There are a few mine permits that have been approved (Table 3), however, the DOR does not expect any activity at these mines until 2015. If developed, they will appear in a later directory.

## EXPLANATION OF DIRECTORY INDEXES

This directory contains three indexes so that mines can be found using any of three criteria: coal company, mine name, and coal mined. The first index is an alphabetical listing of coal companies, operators, and their associated mines (p. 88–90). Each company listing includes company name, corporate mailing address, company officers, and telephone and fax numbers. Each company listing also includes an inventory of mines owned or operated by the company, as well as mine status and page numbers of detailed mine listings.

The second index is an alphabetical listing of coal mines in Indiana (p. 91). Each mine listing includes company name, county, mining status, and page numbers of detailed mine listings.

The final index lists coal beds mined in Indiana during 2012 in stratigraphic sequence (p. 92–93). Each coal bed listing includes an inventory of operations that mined coal from that coal bed and the county where each mine is located. For more information, refer to the generalized stratigraphic column that shows named coal beds in the Indiana portion of the Illinois Basin (fig. 4).

## ACKNOWLEDGMENTS

The authors would like to thank all the coal company employees who took time to discuss their operations with us. Additionally, we would like to thank the Indiana Department of Reclamation for providing permit information, affected area maps, and permit boundaries. We would also like to thank IGS Editor Deborah DeChurch for providing advice and technical support, IGS Cartographic Coordinator Matt Johnson for cartographic assistance, and the authors of previous IGS coal directories on which this version drew heavily (Blunck and Carpenter, 1997; Eaton and Gerteisen, 2000; and Weber and others, 2002).



Table 1. Indiana coal production data from 1880 to 2011 (corresponding to Figure 2 on page 2)

Year	UNDER-GROUND (short tons)	SURFACE (short tons)	TOTAL (short tons)	Year	UNDER-GROUND (short tons)	SURFACE (short tons)	TOTAL (short tons)	Year	UNDER-GROUND (short tons)	SURFACE (short tons)	TOTAL (short tons)
1880	1,196,490		1,196,490	1924	18,556,547	2,434,591	20,991,138	1968	2,168,000	16,318,000	18,486,000
1881	1,550,375		1,550,375	1925	18,079,452	3,164,392	21,243,844	1969	2,110,000	17,976,000	20,086,000
1882	1,771,536		1,771,536	1926	19,153,687	3,495,790	22,649,477	1970	2,094,000	20,169,000	22,263,000
1883	1,900,000		1,900,000	1927	13,208,111	4,390,927	17,599,038	1971	1,765,000	19,631,000	21,396,000
1884	2,560,000		2,560,000	1928	11,240,415	4,793,932	16,034,347	1972	1,445,000	24,504,000	25,949,000
1885	2,260,000		2,260,000	1929	12,419,622	5,594,767	18,014,389	1973	782,339	24,484,784	25,267,123
1886	2,375,000		2,375,000	1930	10,360,963	5,591,045	15,952,008	1974	146,199	22,601,419	22,747,618
1887	3,000,000		3,000,000	1931	8,478,061	5,227,487	13,705,548	1975	186,407	24,951,643	25,138,050
1888	3,217,711		3,217,711	1932	6,923,132	5,633,897	12,557,029	1976	430,398	22,870,156	23,300,554
1889	3,140,979		3,140,979	1933	8,129,092	4,952,419	13,081,511	1977	524,852	27,470,394	27,995,246
1890	3,791,211		3,791,211	1934	8,266,092	5,863,973	14,130,065	1978	586,853	23,354,380	23,941,233
1891	3,819,600		3,819,600	1935	8,554,146	6,394,633	14,948,779	1979	833,127	27,663,759	28,496,886
1892	4,408,471		4,408,471	1936	9,124,044	7,470,323	16,594,367	1980	671,083	29,424,939	30,096,022
1893	4,358,897		4,358,897	1937	8,332,971	8,052,780	16,385,751	1981	556,532	28,589,921	29,146,453
1894				1938	6,273,042	7,044,308	13,317,350	1982	494,511	29,892,804	30,387,315
1895	4,202,084		4,202,084	1939	6,949,756	8,394,481	15,344,237	1983	368,633	32,039,324	32,407,957
1896	4,068,124		4,068,124	1940	7,745,429	9,315,224	17,060,653	1984	798,271	35,257,378	36,055,649
1897	4,088,100		4,088,100	1941	8,863,705	12,133,259	20,996,964	1985	771,325	31,322,981	32,094,306
1898	5,146,920		5,146,920	1942	9,897,013	13,807,067	23,704,080	1986	865,441	31,041,697	31,907,138
1899	5,864,975		5,864,975	1943	11,119,641	12,750,171	23,869,812	1987	903,986	32,056,636	32,960,622
1900	6,283,063		6,283,063	1944	13,199,264	13,699,209	26,898,473	1988	1,176,653	29,221,509	30,398,162
1901	7,019,203		7,019,203	1945	10,997,186	13,376,621	24,373,807	1989	1,322,991	32,158,908	33,481,899
1902	8,763,196		8,763,196	1946	9,340,890	11,720,733	21,061,623	1990	1,812,760	34,430,984	36,243,744
1903	9,992,563		9,992,563	1947	10,640,588	13,915,460	24,556,048	1991	1,629,461	29,466,659	31,096,120
1904	8,872,404		8,872,404	1948	9,331,139	13,556,719	22,887,858	1992	1,778,398	28,596,100	30,374,498
1905	10,995,972		10,995,972	1949	6,510,139	9,293,956	15,804,095	1993	1,281,225	25,940,051	27,221,276
1906	11,422,027		11,422,027	1950	9,217,462	10,739,567	19,957,029	1994	2,000,181	26,620,264	28,620,445
1907	13,250,715		13,250,715	1951	8,453,175	10,997,270	19,450,445	1995	1,879,312	20,343,825	22,223,137
1908	11,997,304		11,997,304	1952	6,577,432	9,772,770	16,350,202	1996	2,077,134	24,227,048	26,304,184
1909	13,692,089		13,692,089	1953	6,182,020	9,630,465	15,812,485	1997	3,153,406	28,016,427	31,169,833
1910	18,125,244		18,125,244	1954	4,886,933	8,513,255	13,400,188	1998	3,423,671	32,611,516	36,035,187
1911	9,571,289		9,571,289	1955	4,967,089	11,182,221	16,149,310	1999	3,553,027	24,624,281	28,177,308
1912	14,204,578		14,204,578	1956	5,175,037	11,914,396	17,089,433	2000	4,068,054	24,585,771	28,653,824
1913	17,246,567		17,246,567	1957	4,950,046	10,891,242	15,841,288	2001	6,972,097	30,087,222	37,059,320
1914	16,636,178		16,636,178	1958	4,702,834	10,319,390	15,022,224	2002	8,014,992	27,305,024	35,320,016
1915	15,696,921		15,696,921	1959	4,644,018	10,159,483	14,803,501	2003	8,394,201	26,384,320	34,778,521
1916	18,238,591		18,238,591	1960	4,752,902	10,784,967	15,537,869	2004	9,856,824	24,661,035	34,517,859
1917	24,783,014	1,273,253	26,056,267	1961	4,608,869	10,497,306	15,106,175	2005	10,935,282	22,422,163	33,357,445
1918	28,918,766	1,391,336	30,310,102	1962	4,399,971	11,308,931	15,708,902	2006	10,395,860	23,127,213	33,523,073
1919	19,343,694	833,602	20,177,296	1963	4,160,196	10,939,483	15,099,679	2007	10,250,376	23,427,097	33,677,473
1920	27,237,371	1,356,519	28,593,890	1964	3,452,977	11,621,654	15,074,631	2008	11,729,018	22,805,629	34,534,646
1921	19,389,916	943,370	20,333,286	1965	2,355,407	13,210,002	15,565,409	2009	12,272,120	22,196,574	34,468,695
1922	16,948,760	1,228,068	18,176,828	1966	1,860,917	15,465,433	17,326,350	2010	13,560,460	19,957,624	33,518,083
1923	23,401,598	2,043,818	25,445,416	1967	1,640,791	17,130,905	18,771,696	2011	15,968,355	19,596,874	35,565,229

# ACTIVELY PERMITTED COAL MINES 2012

ID #	Mine Name	Company	Type	Status
1	Lewis Mine	Solar Sources, Inc.	S	T
2	Landree Mine	Lily Group, Inc.	U & S	A
3	Bear Run Mine	Peabody Midwest Mining, LLC	S	A
4	Carlisle Mine	Sunrise Coal Co., LLC	U	A
5	Freelandville Mine	Triad Mining, Inc.	S	A
6	Freelandville Underground	Triad Mining, Inc.	U	A
7	Oaktown Fuels #2 Mine	Vectren Fuels, Inc.	U	B
8	Oaktown Fuels #1 Mine	Vectren Fuels, Inc.	U	A
9	Viking Mine, Knox Pit	Peabody Midwest Mining, LLC	S	T
10	Antioch Mine	Solar Sources, Inc.	S	A
11	Cannelburg Mine	Solar Sources, Inc.	S	A
12	Viking Mine, Corning Pit	Peabody Midwest Mining, LLC	S	A
13	Prosperity Mine	Five Star Mining, Inc.	U	A
14	Shamrock Mine	Solar Sources, Inc.	S	A
15	Blackfoot #5-Gray #1	Sun Energy Group, LLC	S	A
16	Gibson County Mine	Gibson County Coal, LLC	U	A
17	Hurricane Creek Mine	Triad Mining, Inc.	S	A
18	Augusta Mine	Triad Mining, Inc.	S	T
19	Gibson South Mine	Gibson County Coal, LLC	U	B
20	Francisco Underground Mine	Peabody Midwest Mining, LLC	U	A
21	Somerville Mine	Peabody Midwest Mining, LLC	S	A
22	Hilsmeyer #2 Mine	Sun Energy Group, LLC	S	A
23	Hilsmeyer Mine	Little Sandy Coal Company, Inc.	S	B
24	Log Creek Mine	Triad Mining, Inc.	S	A
25	Cardinal Mine	United Minerals, Inc.	S	A
26	Somerville South Mine	Peabody Midwest Mining, LLC	S	A
27	Wild Boar Mine	Peabody Midwest Mining, LLC	S	A
28	West 61 Mine	United Minerals, Inc.	S	T
29	Elites Mine	United Minerals, Inc.	S	A
30	Liberty Mine	Liberty Mine, LLC	S	A



Index map showing map area

TYPE CODES  
S - Surface mine  
U - Underground mine

STATUS CODES  
A - Active mining  
B - Permit bonded  
T - Temporary cessation (idle)

EXPLANATION	
	Active surface coal mine
	Active underground coal mine
<b>1</b>	Mine ID number
	Surface-mined area
	Underground-mined area
	Pennsylvanian System (coal-bearing strata)

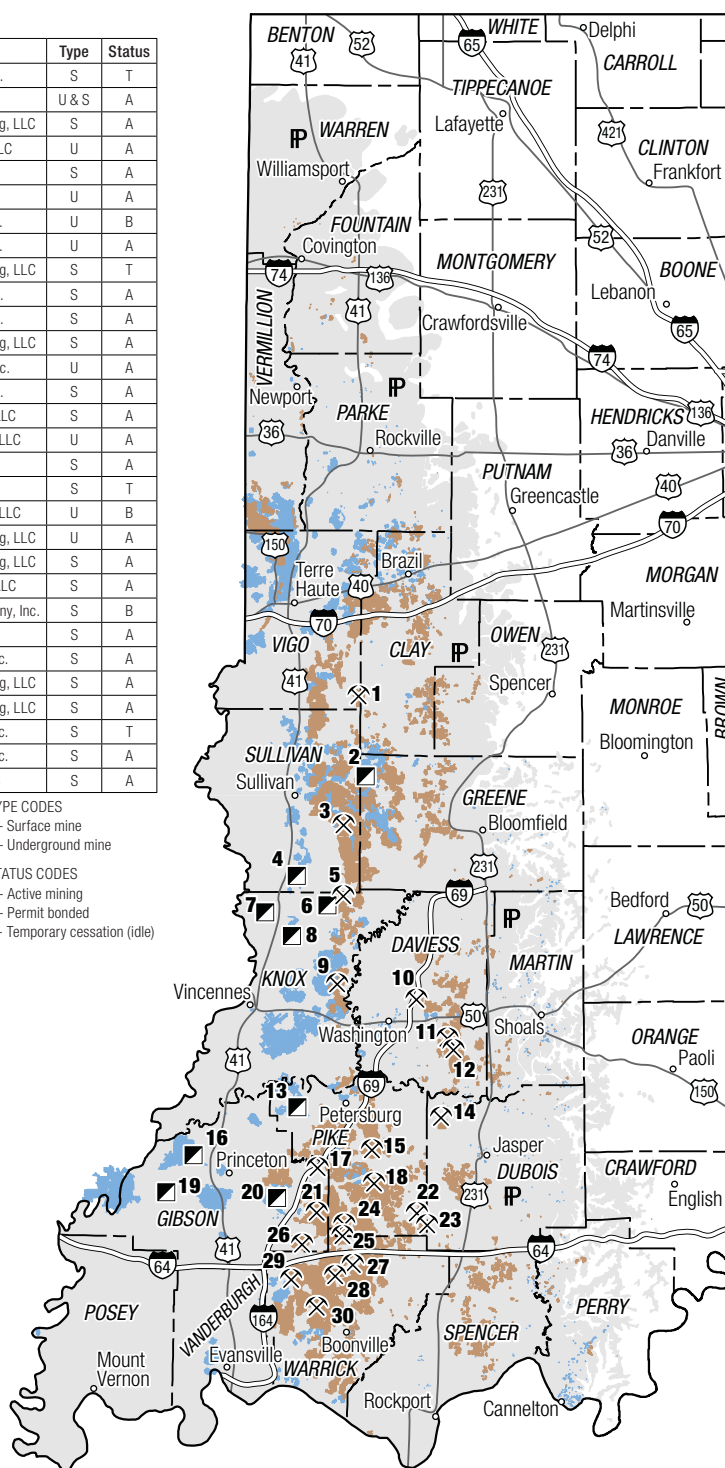
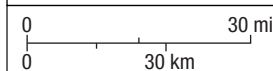


Figure 3. Map showing actively permitted coal mines in Indiana and the extent of surface- and underground-coal-mined areas in 2012 (modified from Eaton, 2000).

Table 2. Indiana coal mines in reclamation during 2012

[Includes mines recently reported as finished production, although they may not be officially listed as in reclamation.]

Company	Mine	Mine Type*	County
B. B. Mining, Inc.	Pride Mine	S	Knox
Conservancy Resources, LLC	Eby	S	Warrick
Conservancy Resources, LLC	Hawthorn 1250 West	S	Sullivan
Conservancy Resources, LLC	Hawthorn 2570	S	Greene, Sullivan
Conservancy Resources, LLC	Hawthorn Pendiana Area	S	Sullivan
Conservancy Resources, LLC	Lynnville 5761 Eby Mine	S	Warrick
Conservancy Resources, LLC	Lynnville 5900	S	Warrick
Conservancy Resources, LLC	Lynnville, Turpin Hill	S	Warrick
Foertsch Construction Co., Inc.	Little Sandy #10 Mine	S	Daviess
Jarvis Coal, LLC	JC #1 Mine	S	Sullivan
Jarvis Coal, LLC	JC #3 Mine	S	Clay
Peabody Midwest Mining, LLC	Air Quality Mine	U	Knox
Peabody Midwest Mining, LLC	Farmersburg #1 Mine	S	Vigo
Peabody Midwest Mining, LLC	Francisco Mine	S	Gibson
Peabody Midwest Mining, LLC	Miller Creek Mine	S	Greene
Peabody Midwest Mining, LLC	Miller Creek Mine, Jenlin Pit	S	Clay
Peabody Midwest Mining, LLC	Somerville East Mine	S	Pike
Peabody Midwest Mining, LLC	Somerville South Mine, Discovery Pit	S	Gibson
Peabody Midwest Mining, LLC	Sugar Ridge	S	Clay
Peabody Midwest Mining, LLC	Viking Mine <sup>†</sup>	S	Daviess
Little Sandy Coal Co., Inc.	Pond Creek #1	S	Clay, Owen
RLF Chinook Properties, LLC	Clayvigo #1 Mine, Southwest Field	S	Clay, Vigo
Solar Sources, Inc.	Midway II	S	Daviess
Squaw Creek Coal Company	Squaw Creek North	S	Warrick
Sunrise Coal, LLC	Howesville Mine	U	Clay
Triad Mining, Inc.	Augusta South	S	Pike
Triad Mining, Inc.	Flat Creek Mine	S	Pike
Triad Mining, Inc.	Flint Hill Mine	S	Spencer
Triad Mining, Inc.	Freelandville Mine, Center Pit	S	Knox
Triad Mining, Inc.	Lyons Mine	S	Greene
Triad Mining, Inc.	Martz Mine	S	Clay
Triad Mining, Inc.	Pond Creek No. 2 Mine	S	Owen
Triad Mining, Inc.	Switz City/Holtsclaw <sup>§</sup>	S	Greene
Vigo Coal Operating Co., Inc.	Cypress Creek Mine	S	Warrick
Vigo Coal Operating Co., Inc.	Range Line Mine	S	Warrick
Vigo Coal Operating Co., Inc.	Red Brush Mine	S	Warrick
White River Coal, Inc.	Hazleton Underground Mine	U	Gibson

\* S = Surface; U = Underground

<sup>†</sup> Peabody Midwest Mining, LLC, holds an active permit (S-308), and an idled permit (S-222) in this mine.<sup>§</sup> Triad Mining, Inc. uses permit S-257 at the Switz City Mine for a rail loadout facility.

Table 3. Mine permits approved, but unlikely to start production within 2 years

[If an approved mine permit was listed by the Division of Reclamation as expired and not renewed, it was not included in this table.]

Company	Mine	Mine Type*	County
Baron Coal Company, Inc.	Baron Mine	U	Gibson
Little Sandy Coal Company, Inc.	Rhodemaker Mine	S	Pike
Peabody Midwest Mining, LLC	West Fischer Mine	S	Warrick

\* S = Surface; U = Underground

SYSTEM	GROUP	FORMATION	COAL MEMBER	INFORMAL NAME
P E N N S Y L V A N I A N	McLeansboro	Mattoon	— Cohn	
		Bond	— Fairbanks	
		Patoka	— Parker	
			— Raben Branch	
			— Hazelton Bridge	
	Carbondale	Shelburn	— Ditney	
		Dugger	— Pirtle	Coal IIIa
			— Danville	Coal VII, Upper Millersburg coal
			— Hymera	Coal VII, Lower Millersburg coal
			— Herrin	
			— Bucktown	Coal Vb
		Petersburg	— Springfield	Coal V
		Linton	— Houchin Creek	Coal IVa
			— Survant	Coal IV
	Raccoon Creek	Staunton	— Colchester	Coal IIIa
			— Seelyville	Coal III
		Brazil	— Minshall/Buffaloville	Coal II
			— Upper Block	Coal IV
			— Lower Block	Coal III
		Mansfield	— Shady Lane	Coal I
			— Mariah Hill	Lower Huntingburg
			— Blue Creek	Upper Mariah Hill
			— Pinnick	Coal II
			— St. Meinrad	Coal II
			— French Lick	Coal I

Figure 4. Stratigraphic chart of named coal beds in the Pennsylvanian System of west-central and southwestern Indiana (adapted from Shaver and others, 1986; Tri-State Committee, 2001).

## References

- Blunck, D. R., and Carpenter, J. A., 1997, Directory of coal mines and producers in Indiana–1997: Indiana Geological Survey Directory 12, 134 p.
- Conolly, C. L., and Krueger, A. J., 1997, The coal availability study in Indiana–Seelyville 7.5 minute quadrangle: Indiana Geological Survey Open-File Study 97-01, 54 p.
- Conolly, C. L., and Krueger, A. J., 1998, The coal availability study in Indiana–Switz City 7.5 minute quadrangle: Indiana Geological Survey Open-File Study 98-03, 35 p.
- Conolly, C. L., and Zlotin, A., 1999, The availability of the Springfield Coal Member for mining in Indiana: Indiana Geological Survey Open-File Study 99-07, 49 p.
- Eaton, N. K., 2000, Map showing locations of coal mines in Indiana 1999-2000: Indiana Geological Survey Open-File Study 00-12, scale 1:1,300,000.
- Eaton, N. K., and Gerteisen, S. P., 2000, Directory of coal mines and producers in Indiana–2000: Indiana Geological Survey Directory 12, 123 p.
- Hasenmueller, W. A., and Miller, L. V., 1992, The Indiana Coal Analysis Database: Indiana Geological Survey Database 1, 13 p., CD-ROM.
- Indiana Bureau of Mines and Mine Safety, 1967–1999, Annual reports: State of Indiana.
- Mastalerz, M., and Drobniak, A., 2004, The Indiana Geological Survey Coal Stratigraphic Database—an update: Indiana Geological Survey Open-File Study 04-10, CD-ROM.
- Mastalerz, M., Drobniak, A., and Filippelli, G., 2004, Distribution of mercury in Indiana coals and implications for mining and combustion: Indiana Geological Survey Open-File Study 04-04, 32 p.
- Mastalerz, M., Drobniak, A., and Irwin, P. N., 2005, Indiana Coal Quality Database: Indiana Geological Survey Open-File Study 05-02, CD-ROM.
- Mastalerz, M., Drobniak, A., Rupp, J. A., and Shaffer, N. R., 2004, Characterization of Indiana's coal resource, availability of the reserves, physical and chemical properties of the coal, and present and potential uses: Indiana Geological Survey Open-File Study 04-02, 74 p.
- Mastalerz, M., and Harper, D., 1998, Coal in Indiana—a geologic overview: Indiana Geological Survey Special Report 60, 45 p.
- Shaver, R. H., Ault, C. A., Burger, A. M., Carr, D. D., Droste, J. B., Eggert, D. L., Gray, H. H., Harper, D., Hasenmueller, N. R., Hasenmueller, W. A., Horowitz, A. S., Hutchison, H. C., Keith, B. D., Keller, S. J., Patton, J. B., Rexroad, C. B., and Weir, C. E., 1986, Compendium of Paleozoic rock-unit stratigraphy in Indiana—a revision: Indiana Geological Survey Bulletin 59, 203 p.
- Tri-State Committee on Correlation of the Pennsylvanian System in the Illinois Basin, 2001, Toward a more uniform stratigraphic nomenclature for rock units (formations and groups) of the Pennsylvanian System in the Illinois Basin: Illinois Basin Consortium Study 5, joint publication of the Illinois State Geological Survey, Indiana Geological Survey, and Kentucky Geological Survey, 26 p.
- U.S. Department of Energy, Energy Information Administration, 2012, Weekly coal production: Energy Information Administration website, <<http://www.eia.doe.gov/coal/production/weekly/weekly>>, date accessed, Dec. 17, 2012.
- Weber, L. A., Carpenter, J. A., Shaffer, K. R., and Irwin, P. N., 2002, Directory of coal mines and producers in Indiana–2002: Indiana Geological Survey Directory 12-02, 136 p.



## Coal-Related Contacts

### ***Indiana Bureau of Mines***

website: <http://www.in.gov/dol/mines.htm>  
e-mail: [mines@dol.in.gov](mailto:mines@dol.in.gov)  
phone: 812-888-4514  
Underground mine rescue, safety, inspections,  
production

### ***Indiana Coal Council***

website: <http://www.indianacoal.com>  
e-mail: [admin@indianacoal.com](mailto:admin@indianacoal.com)  
phone: 317-638-6997  
Information on Indiana coal and coal production

### ***Indiana Department of Natural Resources, Division of Reclamation***

website: <http://www.in.gov/dnr/reclamation>  
e-mail: [jheltsley@dnr.in.gov](mailto:jheltsley@dnr.in.gov)  
phone: 812-665-2207  
toll free: 800-772-6463 (in Indiana only)  
Mine regulation and permit information

### ***Indiana Geological Survey***

website: <http://www.igs.indiana.edu>  
e-mail: [IGSinfo@indiana.edu](mailto:IGSinfo@indiana.edu)  
phone: 812-855-7636  
Geologic information and maps

### ***Indiana Natural Resources Commission***

website: <http://www.in.gov/nrc>  
no e-mail; online comment form  
phone: 317-232-4699  
Industry and government regulatory issues pertaining  
to natural resources

### ***Indiana Office of Energy Development***

website: <http://www.in.gov/oed>  
e-mail: various, see website  
phone: 317-232-8939  
Information on Indiana's energy plan and policies

### ***Purdue University, The Energy Center***

website: <http://www.purdue.edu/discoverypark/energy/>  
e-mail: [energy@purdue.edu](mailto:energy@purdue.edu)  
phone: 765-494-1610  
Research on Indiana energy

### ***U.S. Energy Information Administration***

website: <http://www.eia.doe.gov>  
e-mail: [InfoCtr@eia.gov](mailto:InfoCtr@eia.gov)  
phone: 202-586-8800  
Statistics on fuel production and use

### ***U.S. Mine Safety and Health Administration***

website: <http://www.msha.gov>  
e-mail: [zzMSHA-asmsha@dol.gov](mailto:zzMSHA-asmsha@dol.gov)  
phone: 202-693-9400  
Mine regulations and databases

### ***U.S. Office of Surface Mining Reclamation and Enforcement***

website: <http://www.osmre.gov/>  
e-mail: [GetInfo@osmre.gov](mailto:GetInfo@osmre.gov)  
phone: 202-208-4006  
Surface mine regulation

### ***Vincennes University***

website: [http://www.vinu.edu/content/  
mining-technology-associate-degree](http://www.vinu.edu/content/mining-technology-associate-degree)  
e-mail: [ppirkle@vinu.edu](mailto:ppirkle@vinu.edu)  
phone: 812-888-5031  
Mining education

# Daviess County Overview

## Daviess County



Index map of Indiana showing the location of Daviess County in black and the Pennsylvanian System in gray.

### Actively Permitted Mines

- † Antioch Mine (p. 12–13)
- † Cannelburg Mine (p. 14–15)
- † Viking Mine, Corning Pit (p. 16–17)

### Coal Seams Mined in Daviess County

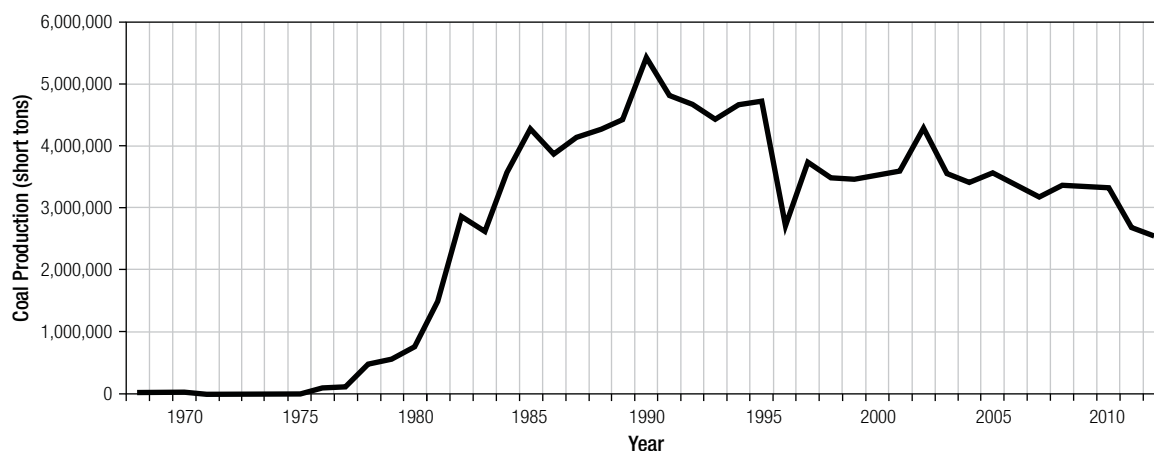
Unnamed Staunton, Buffaloville, unnamed Brazil  
(See Figure 4 on p. 7 for a stratigraphic chart.)

Year	Production (short tons)	Year	Production (short tons)
2011	2,538,367	1988	4,423,808
2010	2,680,150	1987	4,260,203
2009	3,335,464	1986	4,141,825
2008	3,361,830	1985	3,871,899
2007	3,365,434	1984	4,287,180
2006	3,176,805	1983	3,580,781
2005	3,379,610	1982	2,614,135
2004	3,565,527	1981	2,873,446
2003	3,400,942	1980	1,475,751
2002	3,542,528	1979	756,832
2001	4,290,560	1978	553,368
2000	3,600,094	1977	474,988
1999	3,535,199	1976	110,369
1998	3,459,629	1975	96,688
1997	3,479,741	1974	0
1996	3,756,283	1973	0
1995	2,719,461	1972	0
1994	4,718,271	1971	0
1993	4,668,420	1970	0
1992	4,424,244	1969	21,333
1991	4,666,875	1968	10,500
1990	4,808,531	1967	11,817
1989	5,431,237		

Mean Annual Production: 2,986,753 short tons

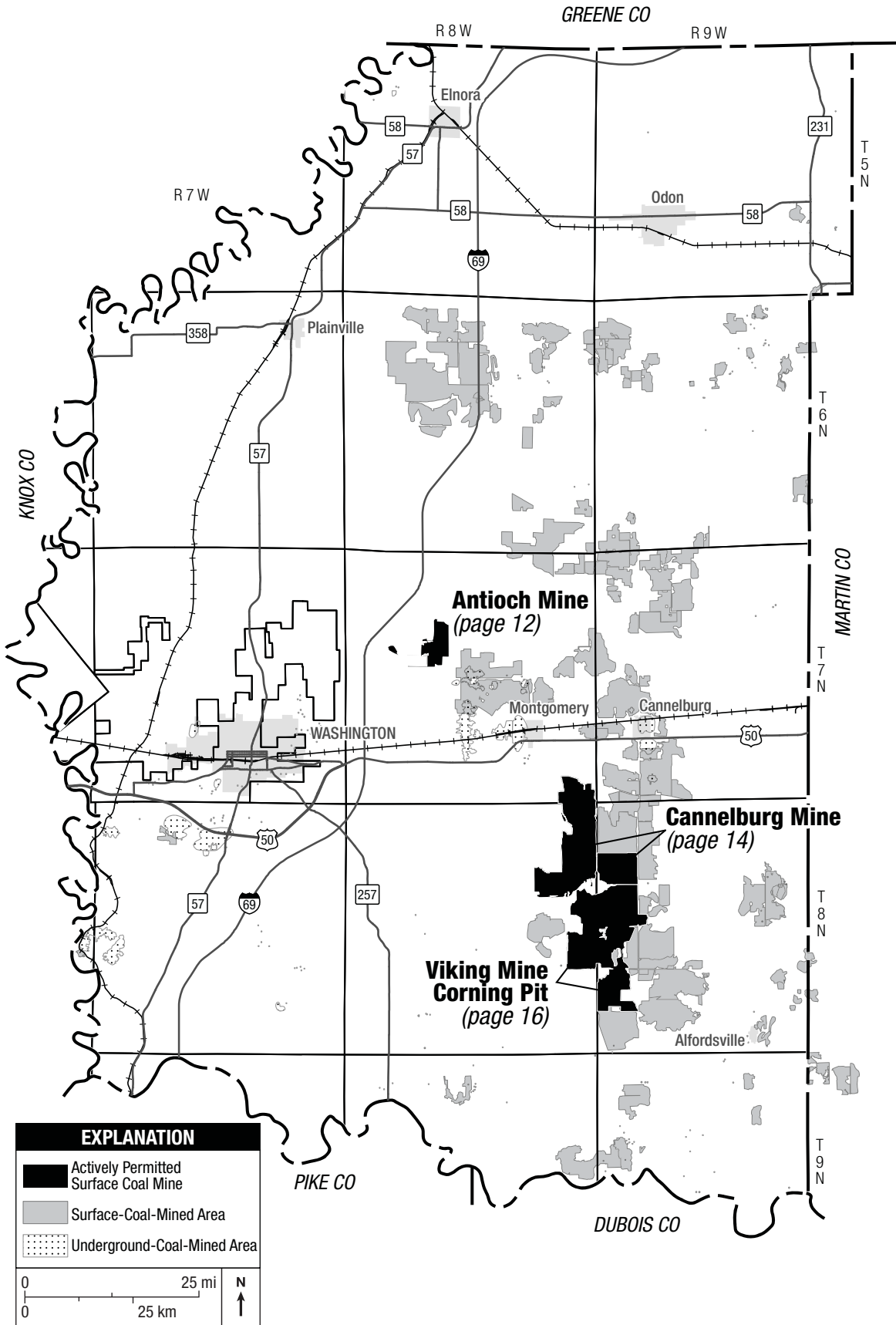
Total Production (1967–2011): 119,470,125 short tons

Remaining Recoverable Coal: 150,571,000 short tons



# Daviess County Overview

## Daviess County



# Antioch Mine

Owned & Operated by: Solar Sources, Inc.

Mine Type: Surface Mine

Start Year: 2005

2012 Status: Active

Coals Mined: Unnamed Staunton, Buffaloville

DOR Permit No: S-355

## CONTACT INFORMATION

Mine Contact Person: Kevin O'Connor  
Mine Superintendent

Mailing Address: 2520 N. 350 E.  
Montgomery, IN 47558

Telephone: (812) 486-3586

FAX: None

## ADDITIONAL INFORMATION

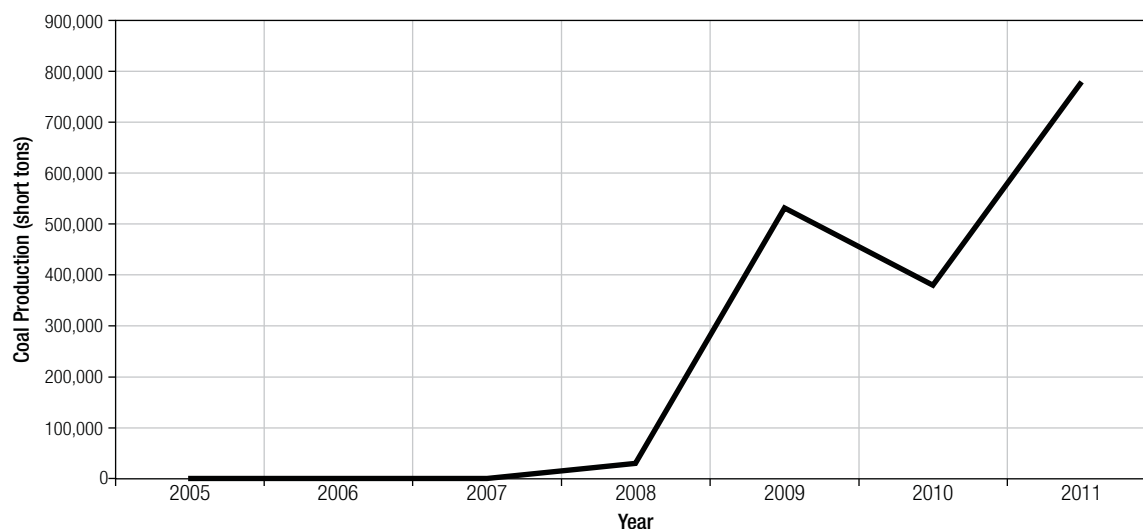
This permit was granted near the end of 2004 to English Resources, Inc. It produced for a short time in 2005 and then shut down. It began production again in 2008. It was transferred to Little Sandy Coal Company in 2007, then to Solar Sources in 2011.

Coal is washed by a jig plant at the mine. Most coal is transported by truck to rail at the inactive Charger Mine and then transported by Norfolk Southern Railroad.

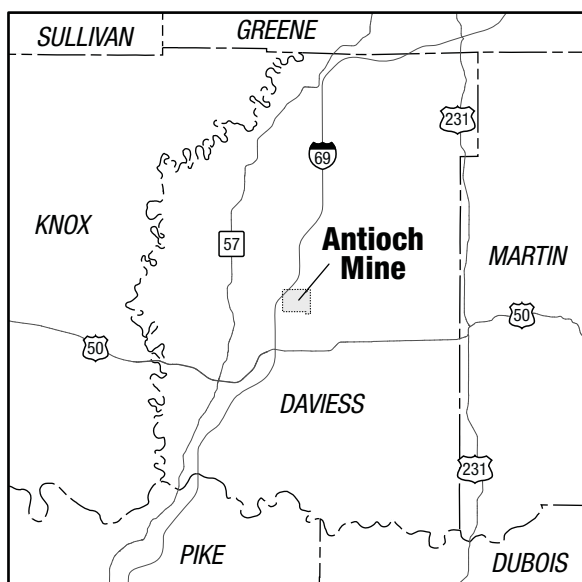
Year	Employees	Production (short tons)
2011	68	779,429
2010	41	379,638
2009	48	532,256
2008	30	30,639
2007	0	0
2006	0	0
2005	N/A	103

Mean Annual Production: 344,413 short tons

Total Production (2005–2011): 1,722,065 short tons



# Antioch Mine



## MINE LOCATION INFORMATION

County: Daviess

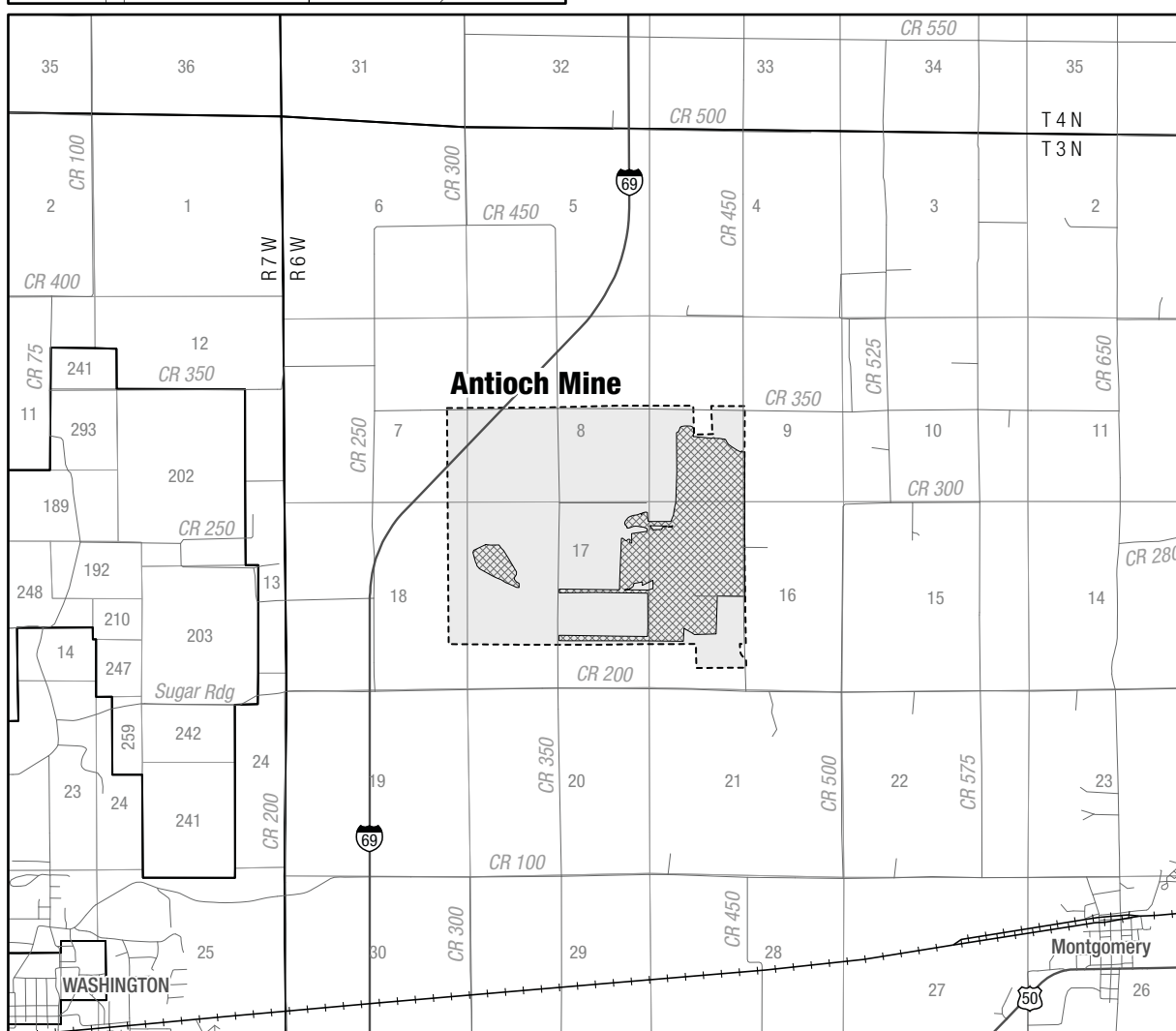
Quadrangle: Montgomery

Currently Active Area:

T. 3 N., R. 6 W., sec. 7, 8, 9, 16, 17, 18

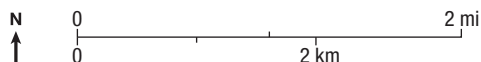
General Location:

3 miles northeast of Washington, 2.5 miles northwest of Montgomery



Permitted Area

Mined Area



Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.



# Cannelburg Mine

Owned & Operated by: Solar Sources, Inc.  
 Mine Type: Surface Mine  
 Start Year: 1978  
 2012 Status: Active  
 Coals Mined: Unnamed Staunton, Buffaloville, unnamed Brazil  
 DOR Permit No: S-298

## CONTACT INFORMATION

Mine Contact Person:  
 Matthew Atkinson, V.P. of Engineering and Dev. (Operations Office)

Mailing Address:  
 625 N. Ninth St., P.O. Box 7  
 Petersburg, IN 47567

Telephone: (812) 354-8776  
 FAX: (812) 354-3149

## ADDITIONAL INFORMATION

In 1992, the Craney and Nolan Mines were acquired by Solar Sources from Green Construction of Indiana and BFC Coal Company. In 1996 Solar Sources implemented an administrative change that combined the Nolan, Craney, and Sugar Creek Mines with additional acreage to form the Cannelburg Mine.

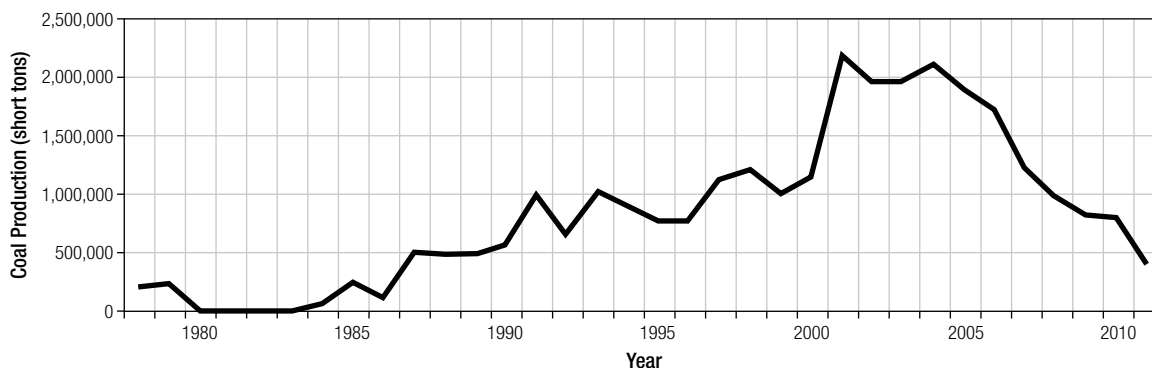
In 1997, Solar Sources purchased the Little Sandy #8 Mine from Foertsch Construction and combined it with acreage from the North Pit of the Cannelburg Mine. This area is known as the Billings Mine and includes acreage under permits S-298 (Cannelburg) and S-306 (Little Sandy #8).

In 1998, the Midway II permit (S-270) was acquired from Phoenix and Black Beauty and the Sugar Creek South permit was sold to Black Beauty. Address, phone, and fax is for the operations office. No mail or public phone numbers are available for the mine.

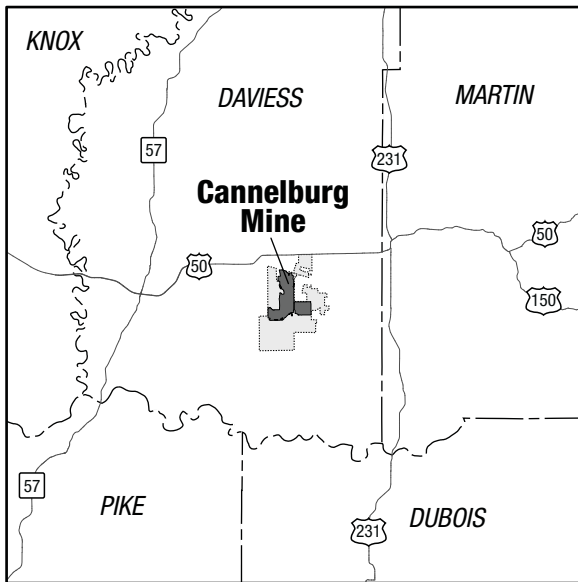
Coal is heavy-media washed at the mine. It is trucked to a CSX Transportation rail loadout and also to the inactive Charger Mine for transport on Norfolk Southern Railroad.

Mean Annual Production: 924,957 short tons  
 Total Production (1978–2011): 28,673,678 short tons

Year	Employees	Production (short tons)
Year	Employees	Production (short tons)
2011	51	405,454
2010	91	801,199
2009	95	825,573
2008	117	979,975
2007	120	1,235,472
2006	113	1,723,310
2005	121	1,898,723
2004	119	2,111,280
2003	119	1,958,292
2002	121	1,956,742
2001	109	2,191,733
2000	97	1,144,210
1999	N/A	1,003,981
1998	N/A	1,202,763
1997	N/A	1,138,655
1996	N/A	774,411
1995	N/A	771,985
1994	N/A	909,197
1993	N/A	1,029,624
1992	N/A	652,517
1991	N/A	995,909
1990	N/A	571,235
1989	N/A	496,163
1988	N/A	492,815
1987	N/A	507,024
1986	N/A	119,333
1985	N/A	252,740
1984	N/A	70,045
1983	N/A	3,200
1982	N/A	0
1981	N/A	0
1980	N/A	0
1979	N/A	239,213
1978	N/A	210,906



# Cannelburg Mine



## MINE LOCATION INFORMATION

County: Davie

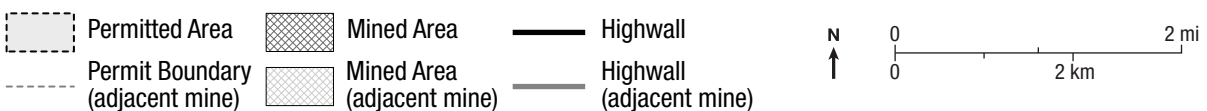
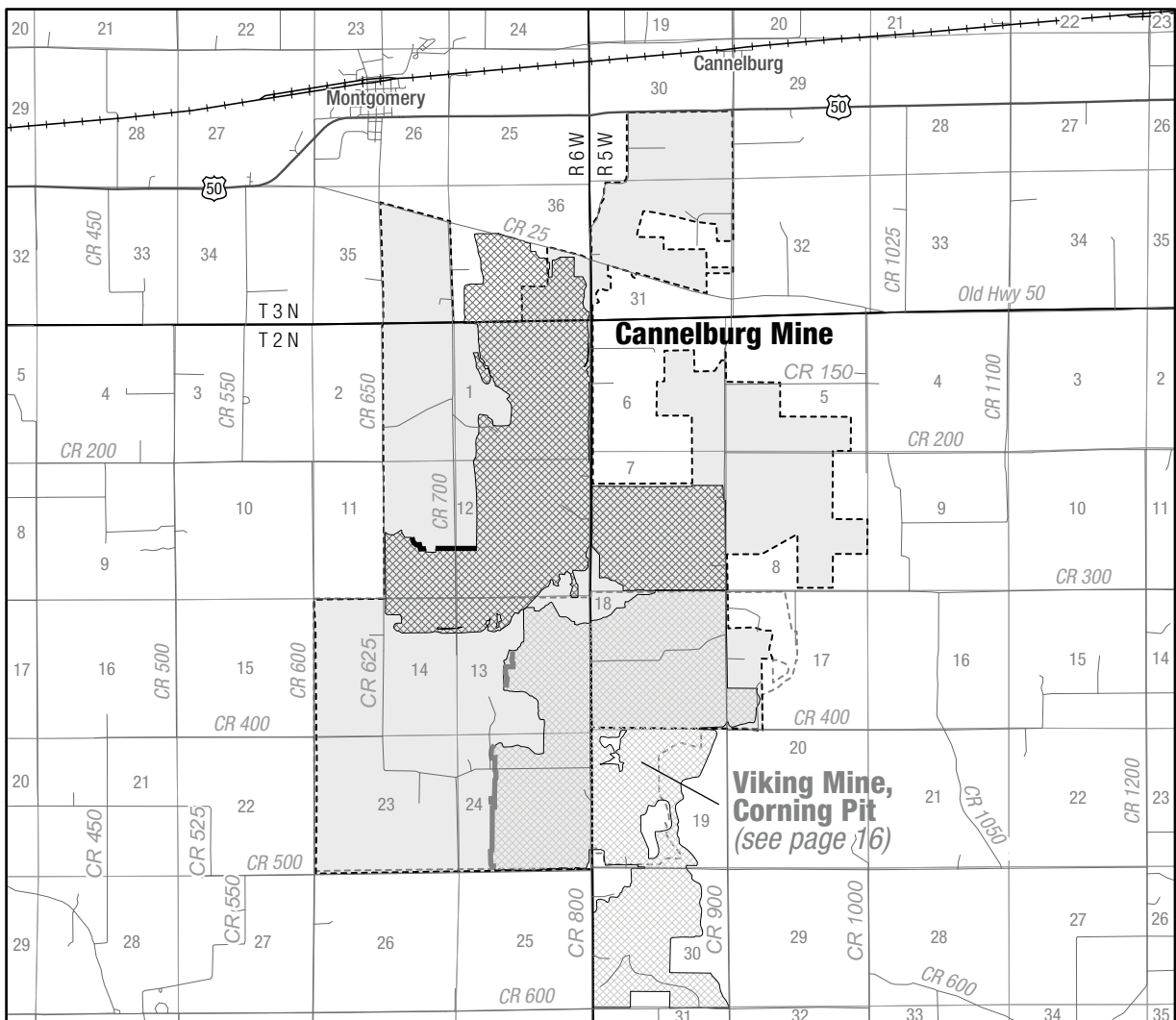
Quadrangles: Glendale,  
Loogootee, Montgomery

### Currently Active Area:

T. 2 N., R. 5 W., sec. 5-8, 17, 18  
T. 3 N., R. 5 W., sec. 30, 31  
T. 2 N., R. 6 W., sec. 1, 11-14, 23, 24  
T. 3 N., R. 6 W., sec. 35, 36

### General Location:

3 miles southeast of Montgomery



Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Viking Mine, Corning Pit

Owned & Operated by: Peabody Midwest Mining, LLC

Mine Type: Surface Mine

Start Year: 1978

2012 Status: Active

Coals Mined: Unnamed Staunton, Buffaloville, Unnamed Brazil

DOR Permit No: S-308

## CONTACT INFORMATION

Mine Contact Person:  
Matt Ubelhor, Operations Mgr.  
John Roush, Production Supt.  
Chris Greenwood, Chief Engineer

Mailing Address:  
P.O. Box 28  
Montgomery, IN 47558

Telephone:  
(812) 644-7323

FAX:  
(812) 644-7388

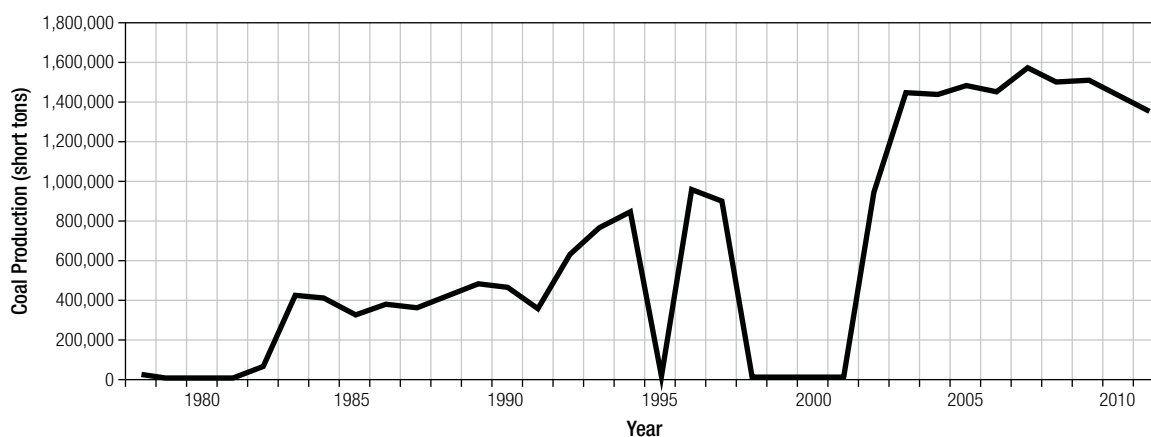
## ADDITIONAL INFORMATION

Mifflin Mining Company opened the Corning Mine in 1978 but operated it for only one year. Energy Supply, Inc., operated it as Venturi #1 Mine from 1982 until 1992. Phoenix Natural Resources then acquired it and operated it as Phoenix North through 1997. In 2002 Black Beauty reopened it as the Viking Mine, Corning Pit. In 2003, Peabody Energy Corporation completed the total acquisition of Black Beauty Coal Company.

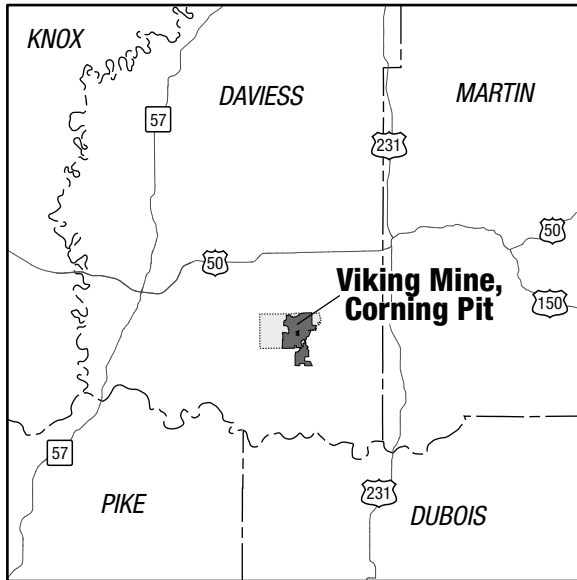
Coal is heavy-media washed at the mine and is transported by truck.

Mean Annual Production: 843,897 short tons  
Total Production (1978–2011): 21,941,321 short tons

Year	Employees	Production (short tons)
2011	147	1,353,484
2010	145	1,431,178
2009	150	1,512,206
2008	145	1,500,462
2007	143	1,577,754
2006	134	1,453,496
2005	119	1,480,785
2004	106	1,431,499
2003	121	1,442,651
2002	N/A	941,787
2001	0	0
2000	0	0
1999	0	0
1998	0	0
1997	N/A	900,000
1996	N/A	963,718
1995	0	0
1994	91	844,708
1993	60	758,908
1992	71	632,000
1991	60	350,000
1990	72	460,486
1989	50	485,000
1988	27	420,000
1987	38	366,934
1986	N/A	381,860
1985	N/A	325,584
1984	N/A	414,083
1983	N/A	420,000
1982	N/A	68,000
1981	0	0
1980	0	0
1979	0	0
1978	N/A	24,739



# Viking Mine, Corning Pit



## MINE LOCATION INFORMATION

County: Davieess

Quadrangles: Alfordsville, Glendale

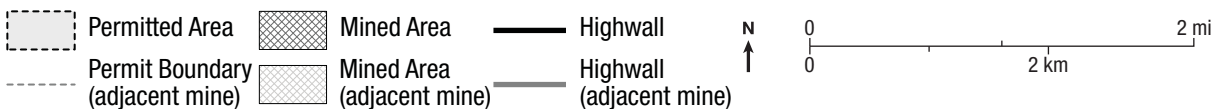
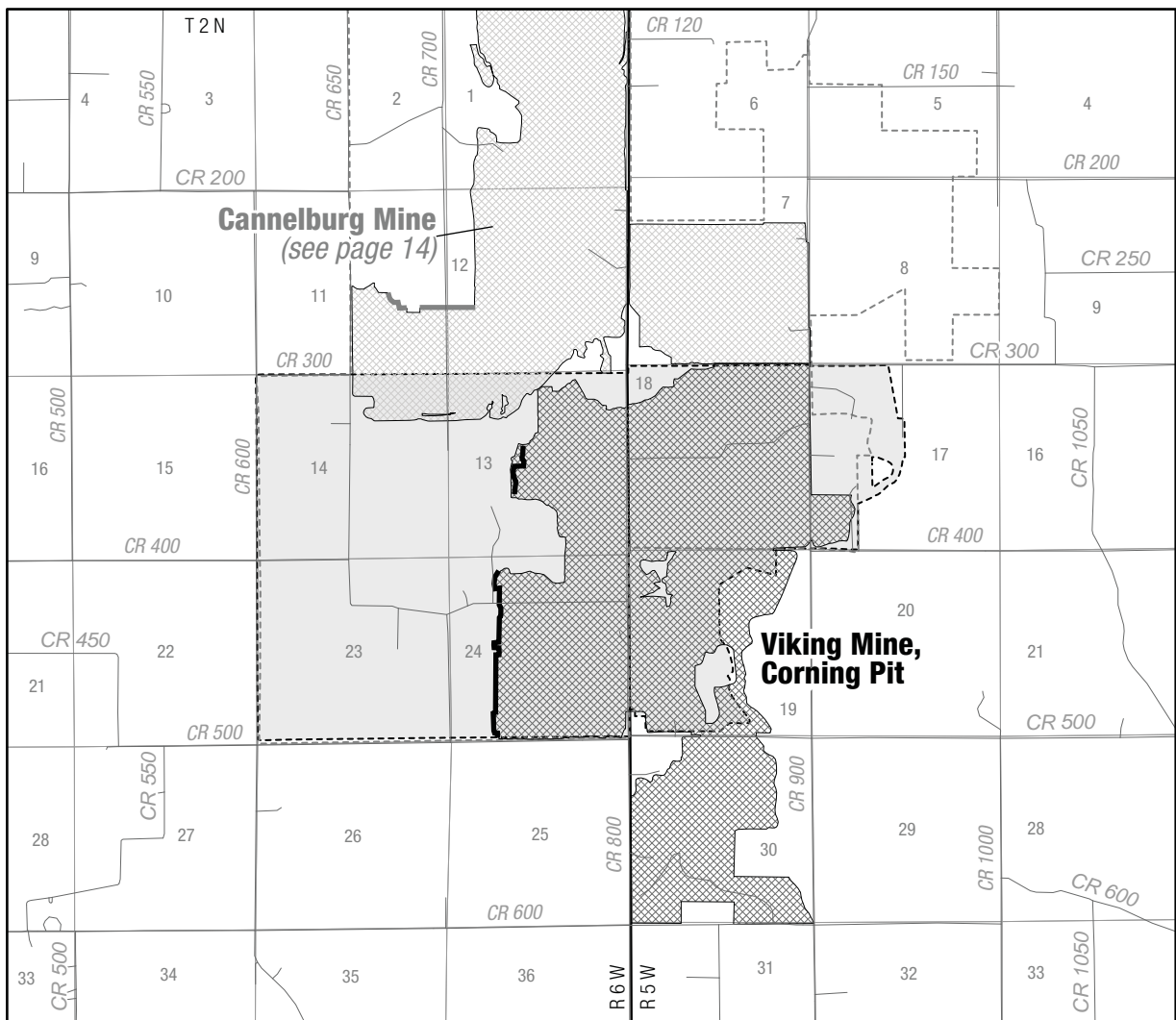
Currently Active Area:

T. 2 N., R. 5 W., sec. 7, 17-19

T. 2 N., R. 6 W., sec. 13, 14, 23, 24

General Location:

4 miles south to southeast of Montgomery



Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Dubois County Overview

## Dubois County



Index map of Indiana showing the location of Dubois County in black and the Pennsylvanian System in gray.

### Actively Permitted Mines

1 Shamrock Mine (p. 20–21)

### Coal Seams Mined in Dubois County

Unnamed Staunton, Buffaloville,  
unnamed Brazil

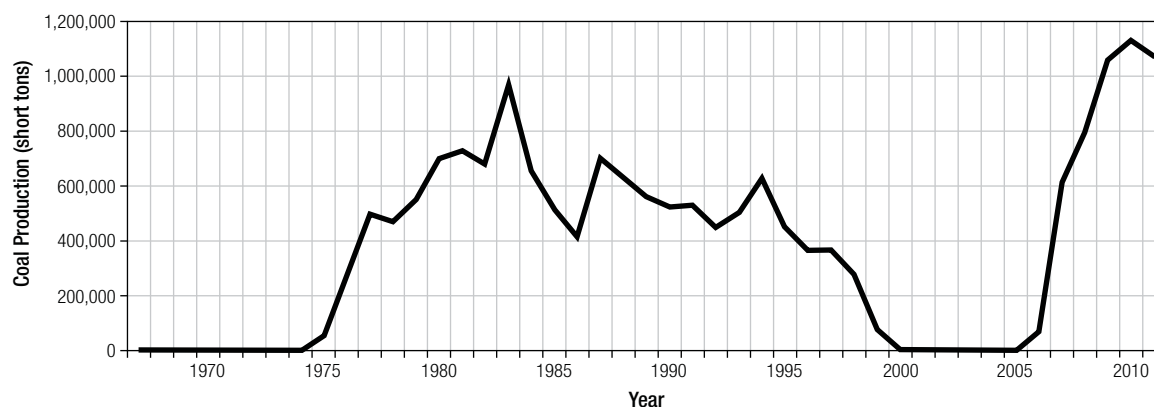
(See Figure 4 on page 7 for a stratigraphic chart.)

Year	Production (short tons)	Year	Production (short tons)
2011	1,070,328	1988	634,549
2010	1,131,725	1987	704,137
2009	1,060,710	1986	411,350
2008	800,193	1985	514,728
2007	613,741	1984	654,542
2006	71,269	1983	971,294
2005	0	1982	675,426
2004	0	1981	730,608
2003	0	1980	700,919
2002	0	1979	549,792
2001	3,322	1978	468,673
2000	5,115	1977	500,347
1999	77,289	1976	279,932
1998	279,852	1975	55,000
1997	367,863	1974	0
1996	363,176	1973	0
1995	450,611	1972	0
1994	629,952	1971	0
1993	502,466	1970	0
1992	447,938	1969	0
1991	529,914	1968	0
1990	522,659	1967	0
1989	559,635		

Mean Annual Production: 525,426 short tons

Total Production (1967–2011): 17,339,055 short tons

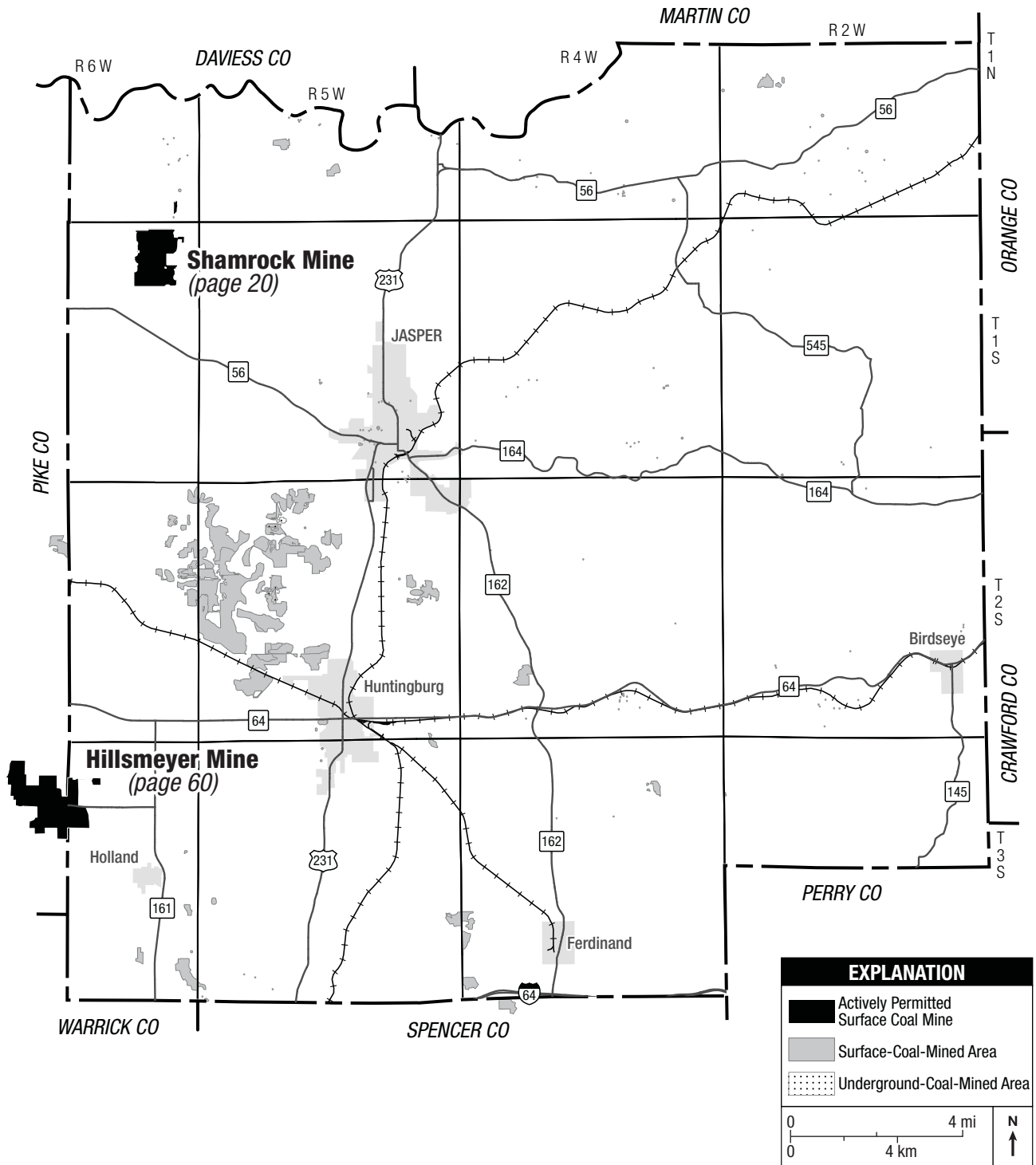
Remaining Recoverable Coal: (Unknown) short tons





# Dubois County Overview

## Dubois County



# Shamrock Mine

Owned & Operated by: Solar Sources, Inc.  
Mine Type: Surface Mine  
Start Year: 2006  
2012 Status: Active  
Coals Mined: Unnamed Staunton, Buffaloville, unnamed Brazil  
DOR Permit No: S-340

## CONTACT INFORMATION

Mine Contact Person: Phillip Lutgring  
Foreman  
Mailing Address: 4540 N. 750 W.  
Jasper, IN 47546  
Telephone: (812) 482-6750  
FAX: (812) 482-6516

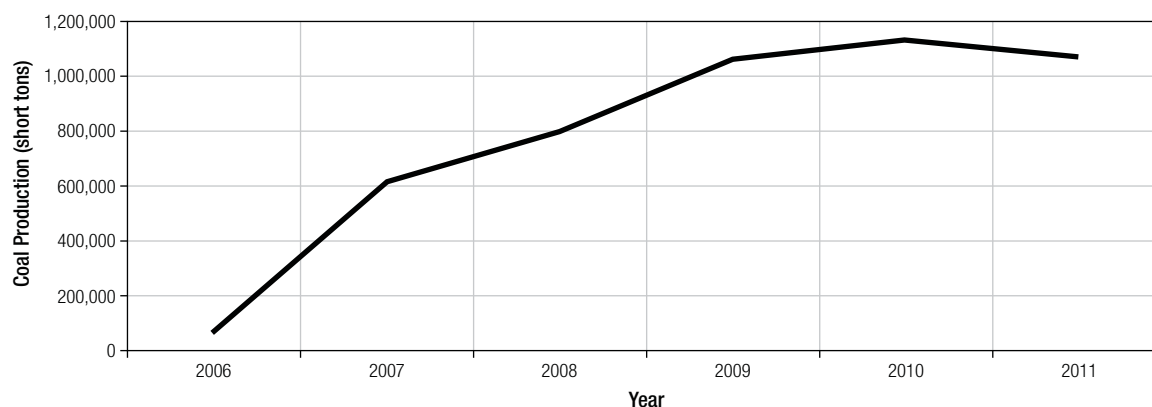
## ADDITIONAL INFORMATION

You may also contact Matthew Atkinson at the corporate office about this mine.

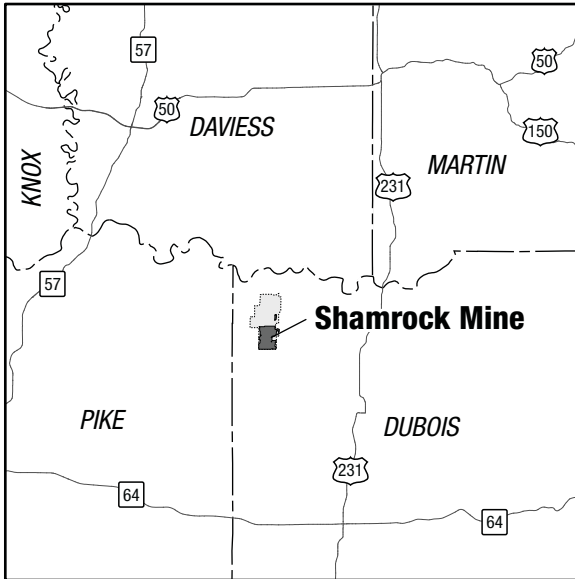
Coal is heavy-media washed at the mine. It is transported by truck and also by rail loadout (Norfolk Southern Railway Company) at the inactive Charger Mine.

Mean Annual Production: 791,328 short tons  
Total Production (2006–2011): 4,747,966 short tons

Year	Employees	Production (short tons)
2011	96	1,070,328
2010	88	1,131,725
2009	82	1,060,710
2008	55	800,193
2007	54	613,741
2006	22	71,269



# Shamrock Mine



## MINE LOCATION INFORMATION

County: Dubois

Quadrangle: Otwell

Currently Active Area:

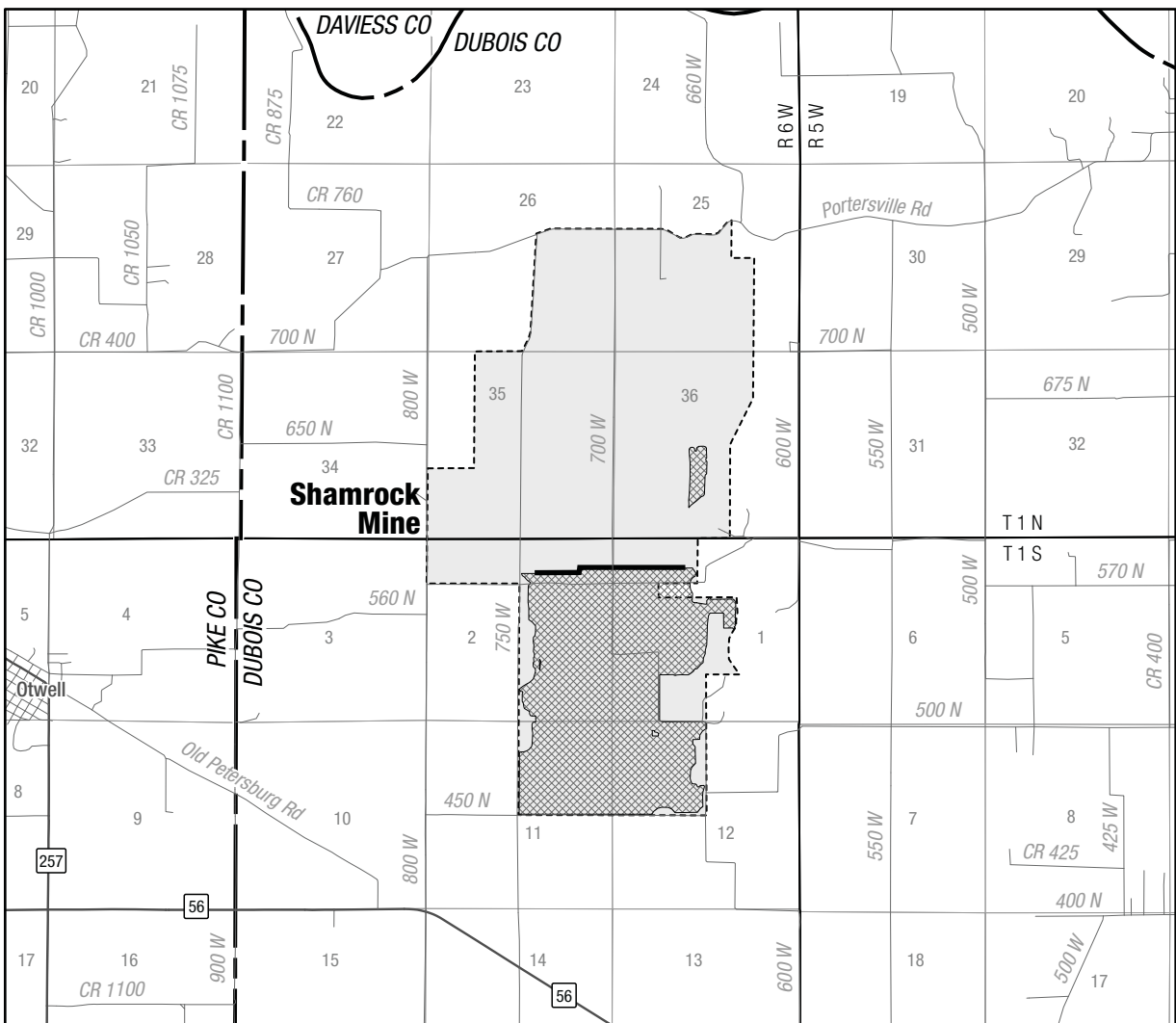
T. 1 N., R. 6 W., sec. 25, 26, 35, 36

T. 1 S., R. 6 W., sec. 1, 2, 11, 12

General Location:

2 miles east of Otwell

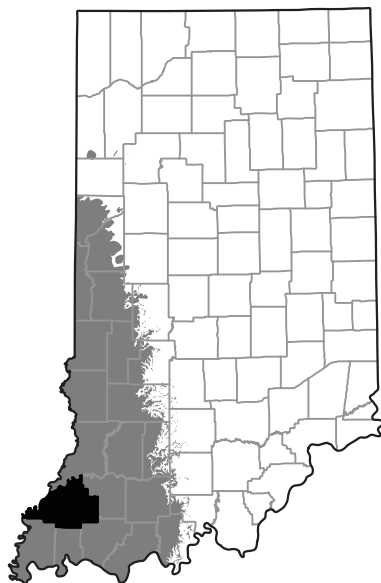
Dubois County



Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Gibson County Overview

## Gibson County



Index map of Indiana showing the location of Gibson County in black and the Pennsylvanian System in gray.

### Coal Seams Mined in Gibson County

Danville, Hymera, Bucktown, Springfield  
(See Figure 4 on page 7 for a stratigraphic chart.)

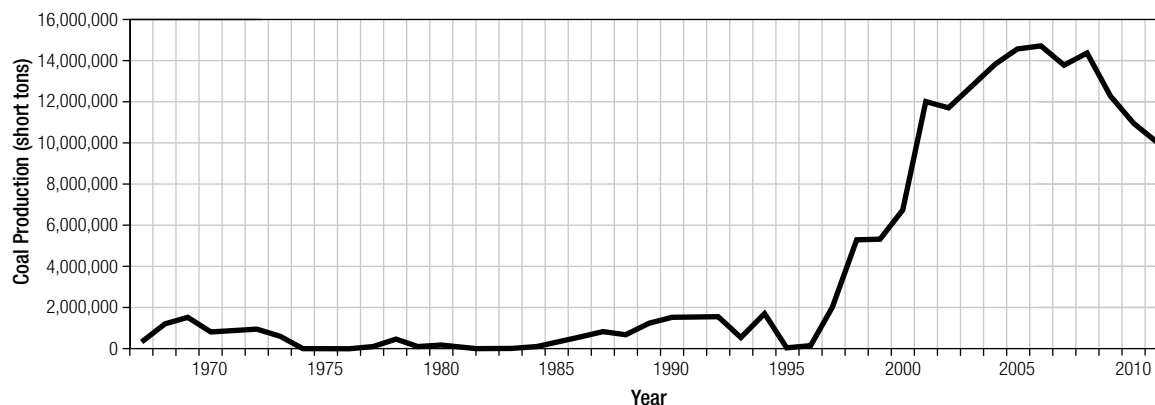
### Actively Permitted Mines

- é Francisco Underground Mine (p. 24–25)
- é Gibson County Mine (p. 26–27)
- é Gibson South Mine (p. 28–29)
- ì Hurricane Creek Mine (p. 30–31)
- ì Somerville Mine (p. 32–33)
- ì Somerville South Mine (p. 34–35)

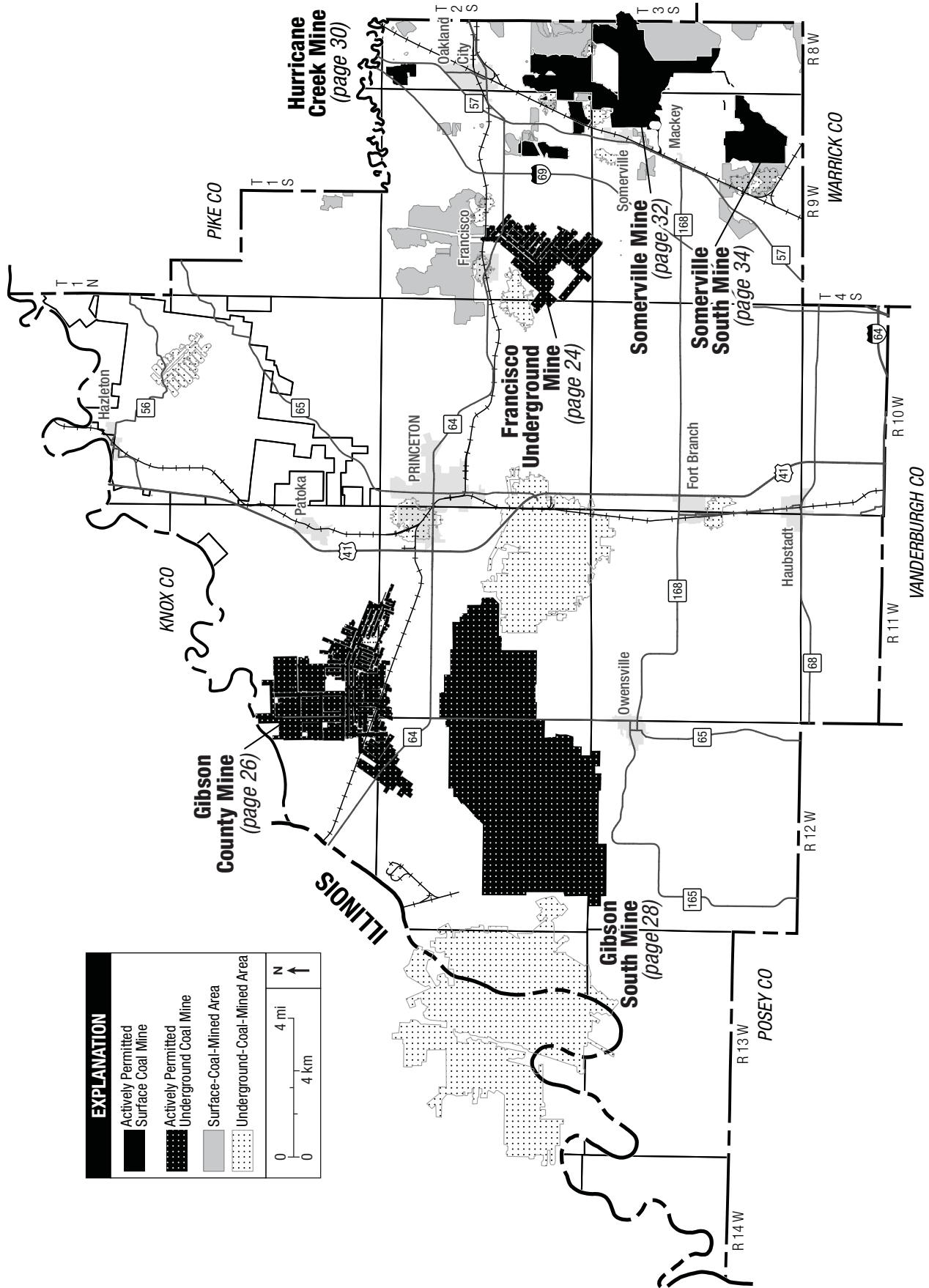
Year	Production (short tons)
2011	10,043,762
2010	11,004,271
2009	12,302,158
2008	14,357,642
2007	13,753,690
2006	14,732,251
2005	14,594,482
2004	13,796,675
2003	12,746,190
2002	11,667,629
2001	12,022,802
2000	6,736,662
1999	5,319,820
1998	5,318,390
1997	2,120,404
1996	145,531
1995	9,823
1994	1,747,348
1993	489,268
1992	1,559,843
1991	1,550,000
1990	1,510,479
1989	1,237,231

Year	Production (short tons)
1988	681,595
1987	846,093
1986	547,000
1985	345,490
1984	84,024
1983	14,636
1982	74,000
1981	80,000
1980	164,373
1979	110,835
1978	445,061
1977	102,533
1976	16,405
1975	0
1974	0
1973	629,932
1972	950,493
1971	906,844
1970	801,153
1969	1,562,359
1968	1,228,692
1967	332,852

Mean Annual Production: 4,155,598 short tons  
Total Production (1967–2011): 178,690,721 short tons  
Remaining Recoverable Coal: 3,083,352,000 short tons



# Gibson County Overview



**Gibson County**

# Francisco Underground Mine

Owned & Operated by: Peabody Midwest Mining, LLC

Mine Type: Underground Mine  
slope entrance

Start Year: 2003

2012 Status: Active

Coals Mined: Springfield

DOR Permit No: U-023

## CONTACT INFORMATION

Mine Contact Person: John Dever, Operations Manager

Mailing Address: 1225 N. C.R. 725 E.  
Francisco, IN 47649

Telephone: (812) 782-3293

FAX: (812) 782-3520

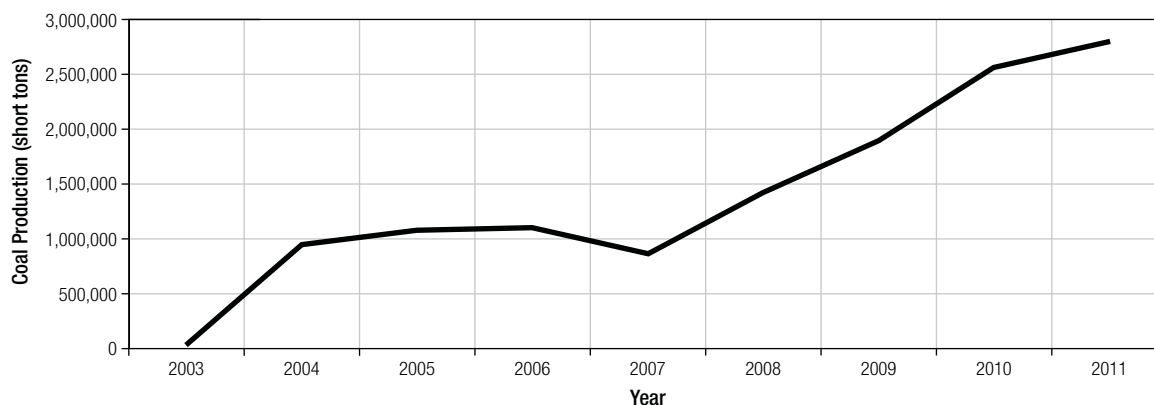
## ADDITIONAL INFORMATION

Production on the surface has ceased.

Coal is heavy-media washed at the mine. It is transported by Norfolk Southern Railway Company.

Mean Annual Production: 1,414,546 short tons  
Total Production (2003–2011): 12,730,912 short tons

Year	Employees	Production (short tons)
2011	269	2,799,385
2010	241	2,563,924
2009	170	1,900,171
2008	123	1,427,993
2007	73	867,168
2006	71	1,104,435
2005	69	1,082,294
2004	64	947,092
2003	41	38,451



# Gibson County



DIRECTORY OF COAL MINES AND PRODUCERS IN INDIANA-2014 25



# Gibson County Mine

Owned & Operated by: Gibson County Coal, LLC

Mine Type: Underground Mine  
slope entrance

Start Year: 2000

2012 Status: Active

Coals Mined: Springfield

DOR Permit No: U-022

## CONTACT INFORMATION

Mine Contact Person: Chris Hopple, General Manager  
James Worstell, Chief Engineer

Mailing Address: P.O. Box 1269  
Princeton, IN 47670

Telephone: (812) 385-1816

FAX: (812) 385-0130

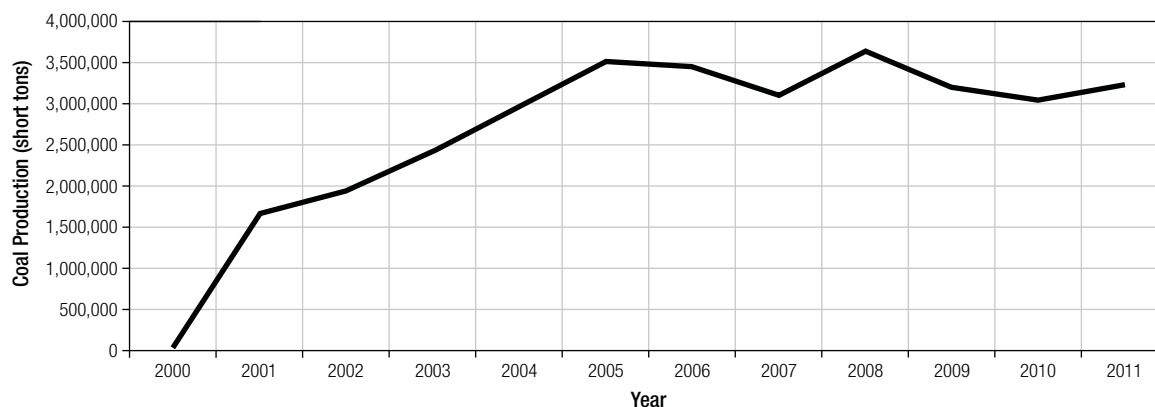
## ADDITIONAL INFORMATION

The mine's physical address is 2579 W. Gibson Coal Rd., Princeton, Ind., but no mail is received there. Contact information given above is for Gibson County Coal, LLC office.

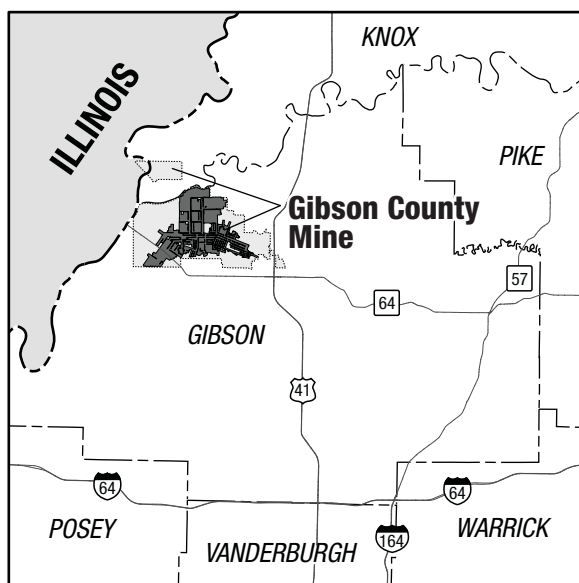
Coal is heavy-media washed at the mine. It is transported by both truck and rail (CSX Transportation and Norfolk Southern Railway Company are used).

Mean Annual Production: 2,683,179 short tons  
Total Production (2000–2011): 32,198,151 short tons

Year	Employees	Production (short tons)
2011	321	3,220,254
2010	304	3,044,652
2009	328	3,196,989
2008	295	3,640,190
2007	282	3,100,800
2006	280	3,452,117
2005	279	3,506,107
2004	263	2,977,845
2003	231	2,422,808
2002	195	1,938,999
2001	178	1,662,061
2000	68	35,329



# Gibson County Mine



## MINE LOCATION INFORMATION

County: Gibson

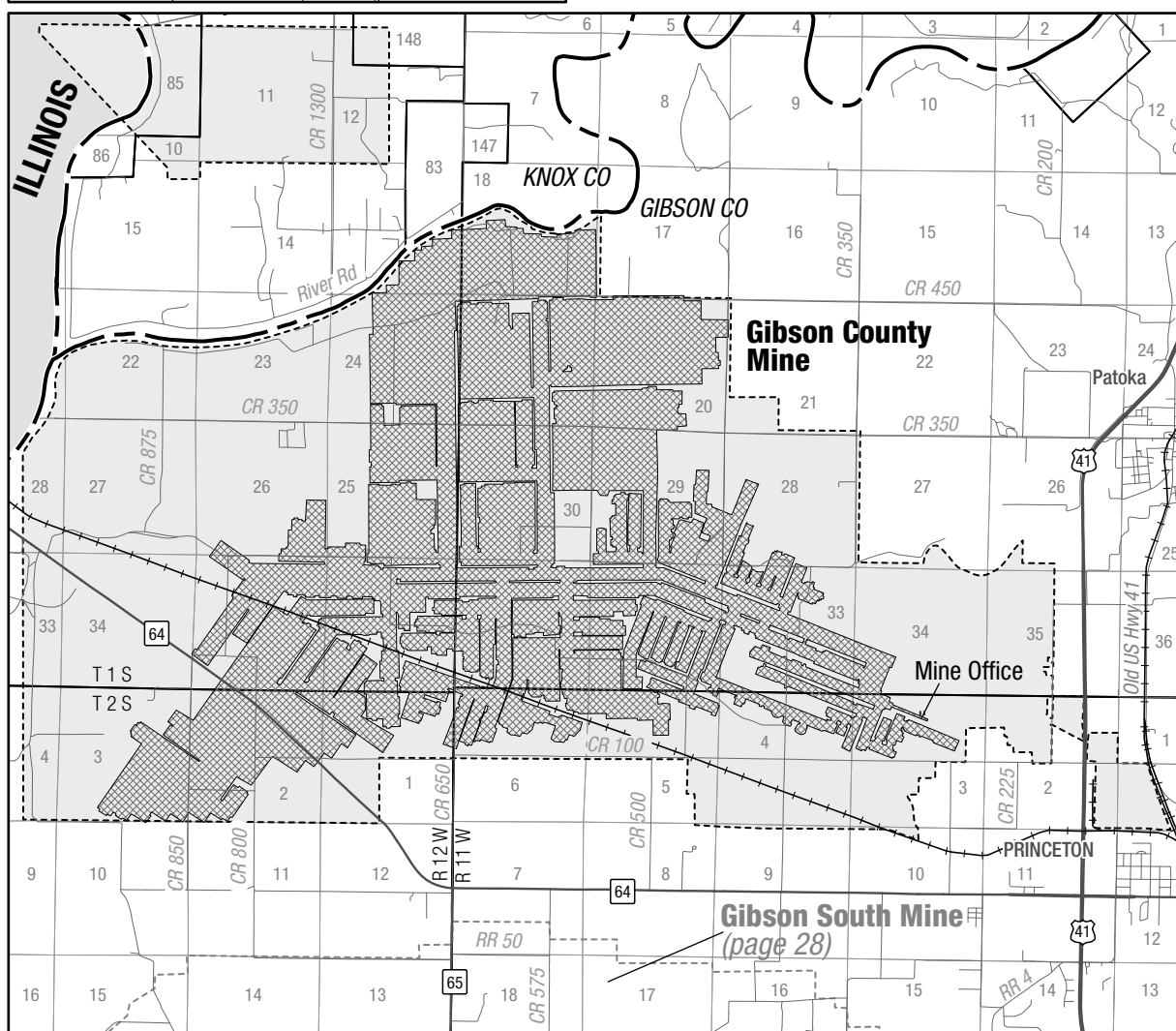
Quadrangles: East Mount Carmel,  
Owensville, Patoka, Princeton

### Currently Active Area:

T. 1 S., R. 11 W., sec. 16, 20, 27, 30–35  
T. 1 S., R. 12 W., sec. 35, 36  
T. 2 S., R. 11 W., sec. 1, 2, 3, 5  
T. 2 S., R. 12 W., sec. 2, 10, 11, 12, 15

### General Location:

2 miles west and southwest of Patoka



Permitted Area  
Permit Boundary  
(adjacent mine)

Mined Area

N  
0 2 mi  
0 2 km

Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Gibson South Mine

---

Owned & Operated by:	Gibson County Coal, LLC
Mine Type:	Underground Mine slope entrance
Start Year:	2006
2012 Status:	Permit Bonded
Coals Mined:	Springfield
DOR Permit No:	U-030

## CONTACT INFORMATION

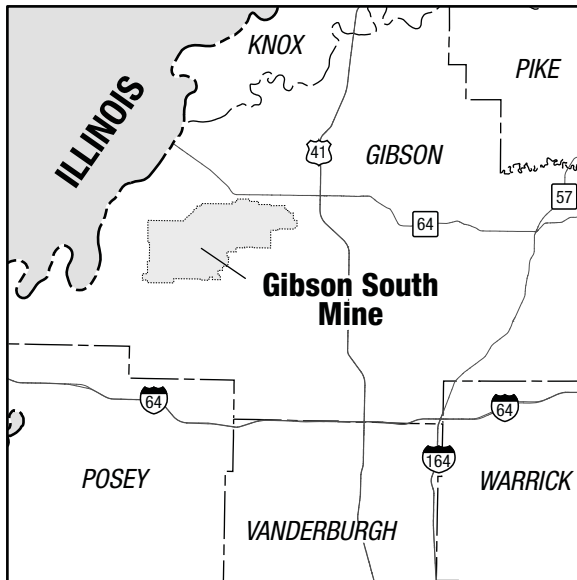
Mine Contact Person:	Mailing Address:
Chris Hopple, General Manager	P.O. Box 1269
James Worstell, Chief Engineer	Princeton, IN 47670
Telephone:	FAX:
(812) 385-1816	(812) 385-0130

## ADDITIONAL INFORMATION

Construction has begun at the mine, but production is not expected until the third quarter of 2014. The mine outline on the following page shows the permit boundary only. Start date above is year of permit approval.

Coal will be heavy-media washed at the mine. Coal will be hauled by truck to barge or rail.

# Gibson South Mine



## MINE LOCATION INFORMATION

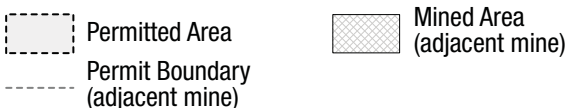
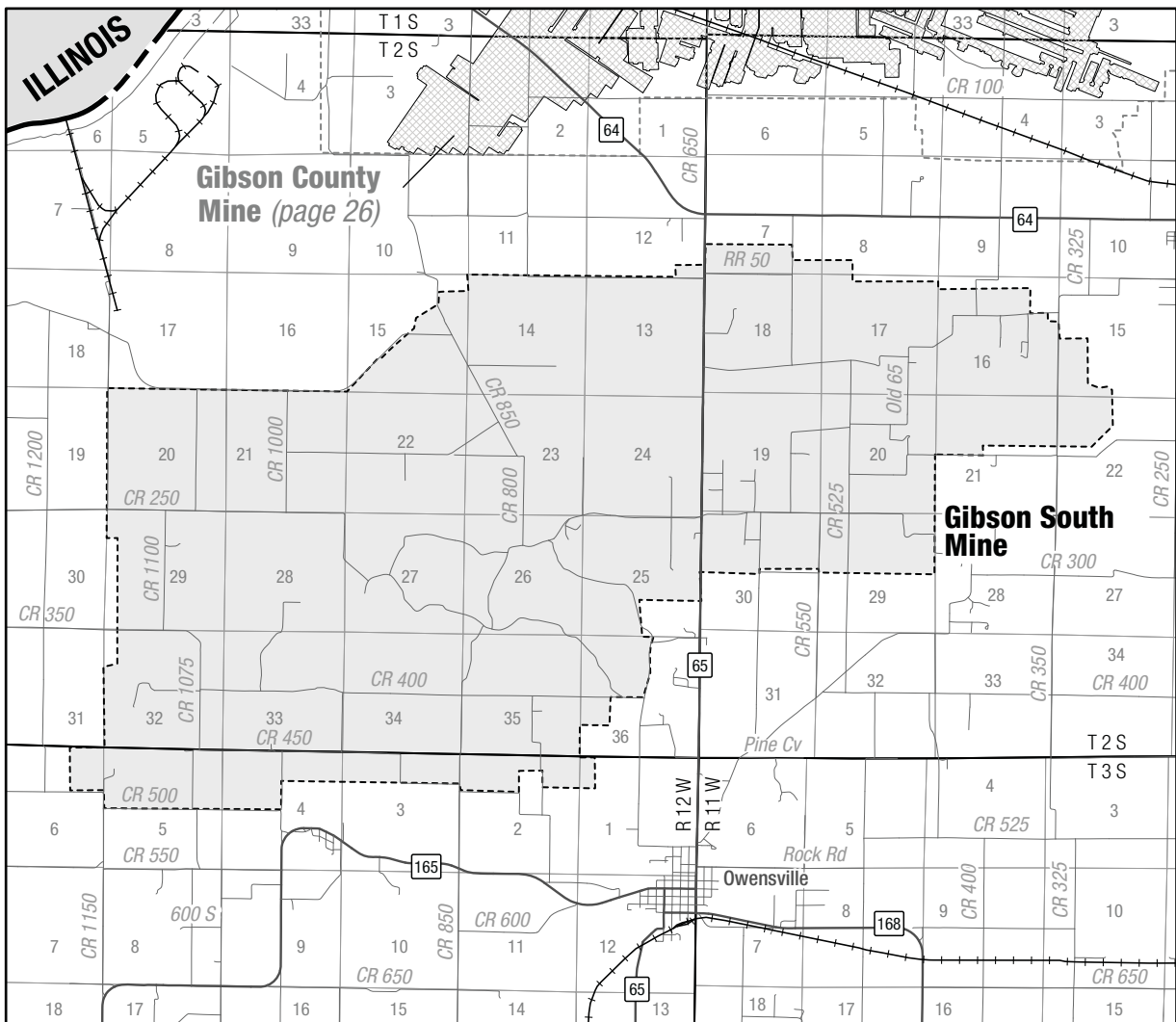
County: Gibson

Quadrangle: Owensville

Currently Active Area:  
T. 2 S., R. 12 W., sec. 25, 26, 35, 36

General Location:  
2 miles north of Owensville

Gibson County



Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Hurricane Creek Mine

Owned & Operated by: Triad Mining, Inc.  
Mine Type: Surface Mine  
Start Year: 2007  
2012 Status: Active  
Coals Mined: Bucktown, Springfield  
DOR Permit No: S-344

## CONTACT INFORMATION

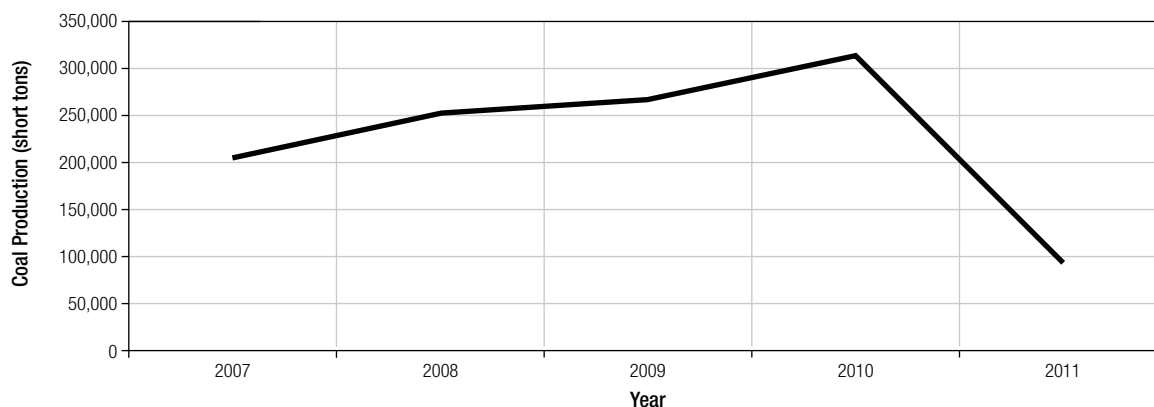
Mine Contact Person: Steven Denu  
Superintendent  
Mailing Address: 12478 E. C.R. 75 N.  
Oakland City, IN 47660  
Telephone: (812) 328-2117 (Freelandville Mine)  
FAX: (812) 328-9305 (Freelandville Mine)

## ADDITIONAL INFORMATION

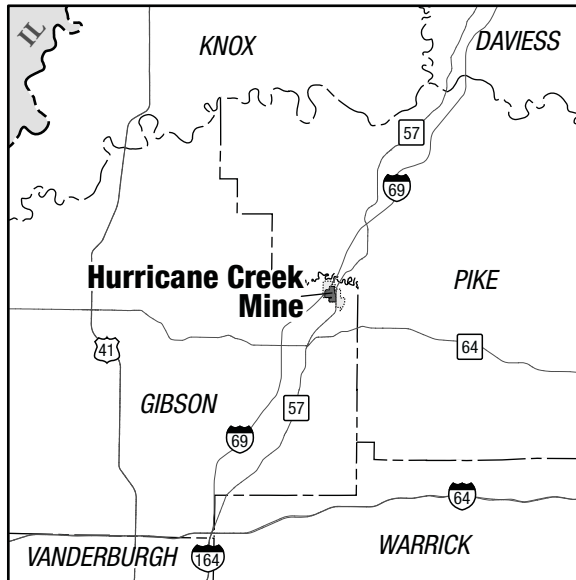
Most coal is trucked to the Log Creek Mine preparation plant for heavy-media washing. Some is trucked to the Augusta Mine for jig plant washing. There are no public phone numbers for the Hurricane Creek Mine. You may contact Jay Akes, geologist, at the Triad Mining, Inc., Freelandville office at the number above about this mine.

Mean Annual Production: 226,256 short tons  
Total Production (2007–2011): 1,131,280 short tons

Year	Employees	Production (short tons)
2011	12	93,596
2010	24	313,565
2009	23	266,645
2008	21	252,498
2007	20	204,977



# Hurricane Creek Mine



## MINE LOCATION INFORMATION

County: Gibson

Quadrangles: Oakland City, Petersburg

Currently Active Area:

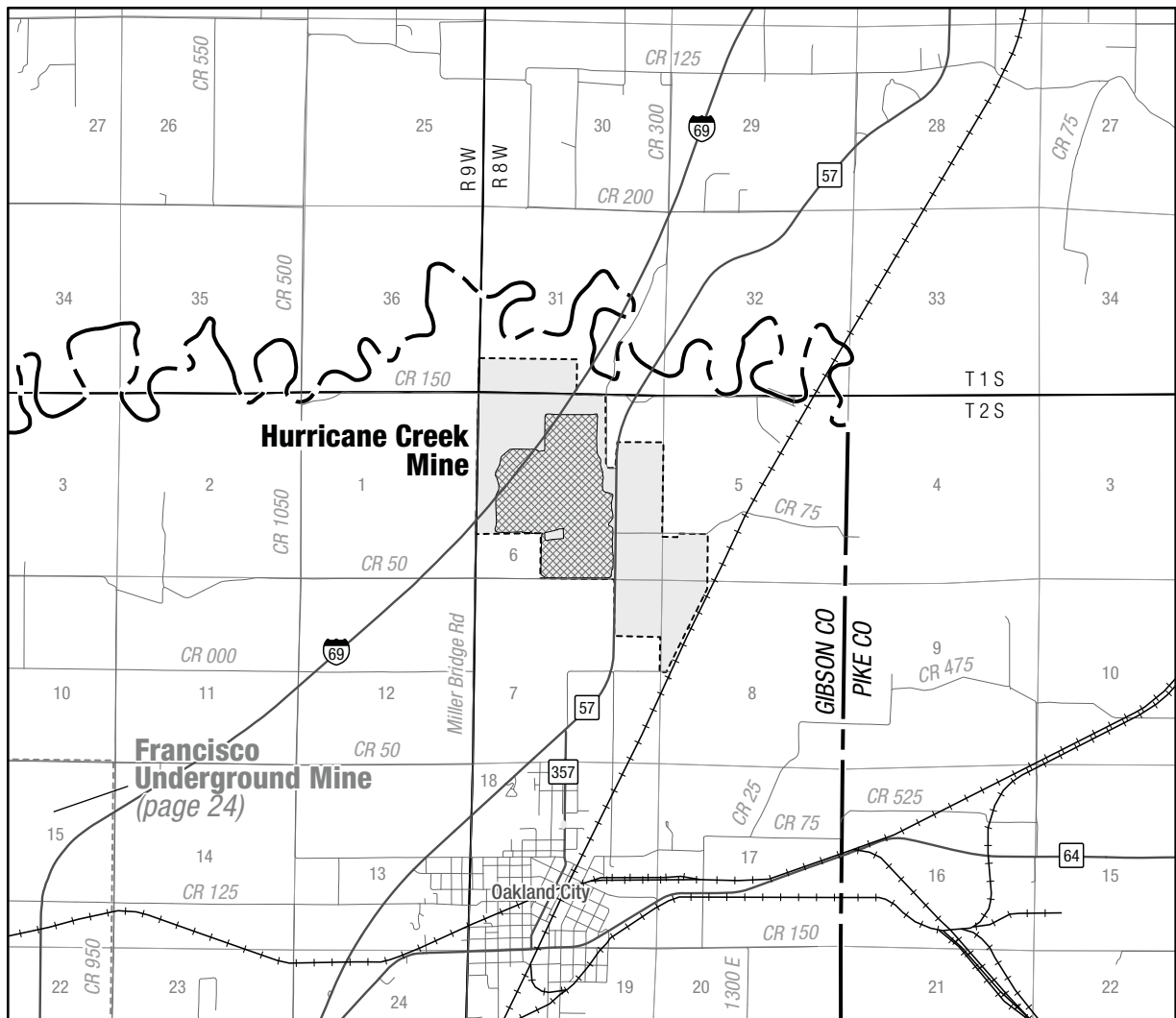
T. 1 S., R. 8 W., sec. 31

T. 2 S., R. 8 W., sec. 5, 6, 7

General Location:

2 miles north of Oakland City

Gibson County



Permitted Area  
Permit Boundary (adjacent mine)

Mined Area

N  
0 2 mi  
0 2 km

Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Somerville Mine

Owned by: Peabody Midwest Mining, LLC  
 Operated by: Peabody Midwest Mining, LLC (Central)  
 United Minerals Company, LLC (North)  
 Mine Type: Surface Mine  
 Start Year: 1997  
 2012 Status: Active  
 Coals Mined: Danville, Hymera, Springfield  
 DOR Permit No: S-322

## CONTACT INFORMATION

Mine Contact Persons:  
 Terry Traylor, Operations Manager (Central)  
 Chetty Howell, Production Manager (Central)  
 Howard Kiefer, Chief Engineer (Central)  
 Steve Tempel, Mine Superintendent (North)  
 Bill Gunn, Mining and Recl. Specialist (North—  
 UMI Huntingburg office)

Mailing Address:  
 6280 S. C.R. 1025 E.  
 Oakland City, IN 47660  
 (Central)

Telephone:  
 (812) 795-0040 (Central)  
 (812) 749-8143 (North)

FAX:  
 (812) 795-0311 (Central)  
 (812) 749-3905 (North)

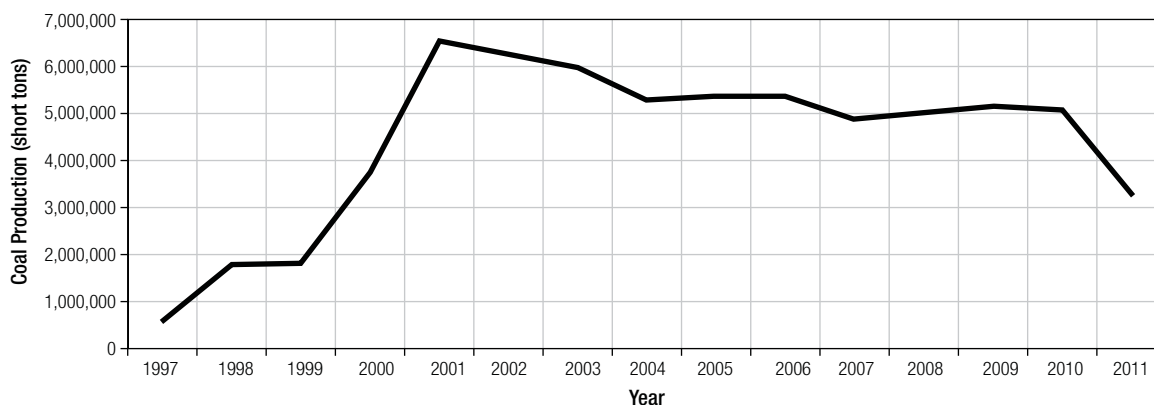
## ADDITIONAL INFORMATION

Somerville Mine currently consists of the active Somerville North and Central pits. Somerville North opened in 1997 and is contract-mined by United Minerals Company. Somerville Central is operated by Peabody Midwest Mining. North does not receive mail at the mine, all mail goes to the United Minerals Company Huntingburg office (see Cardinal, Elites, or West 61 Mines).

Coal is heavy-media washed at Central and North Mines. It is transported by Indiana Southern Railroad from the mine to Norfolk Southern Railway Company. Trucks are also used.

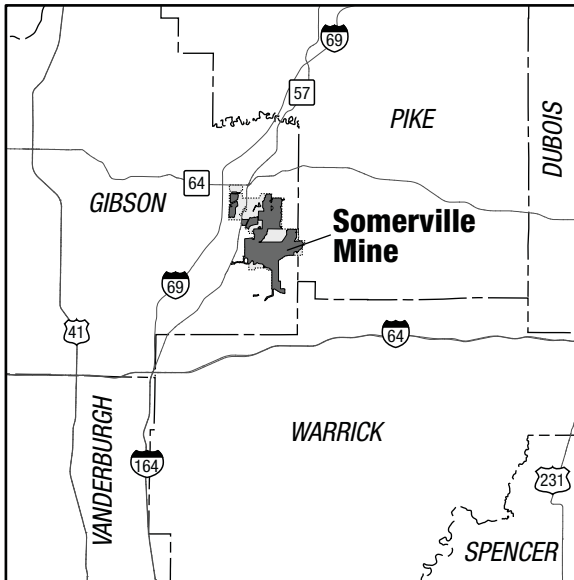
Mean Annual Production: 4,413,512 short tons  
 Total Production (1997–2011): 66,202,676 short tons

Year	Employees	Production (short tons)
2011	273	3,291,280
2010	296	5,082,130
2009	302	5,167,466
2008	287	5,015,558
2007	283	4,891,958
2006	293	5,384,505
2005	299	5,377,783
2004	290	5,282,152
2003	265	5,987,745
2002	254	6,238,482
2001	247	6,549,500
2000	168	3,748,472
1999	N/A	1,823,229
1998	N/A	1,788,754
1997	N/A	573,662





# Somerville Mine



## MINE LOCATION INFORMATION

County: Gibson

Quadrangles: Francisco, Lynnville, Oakland City

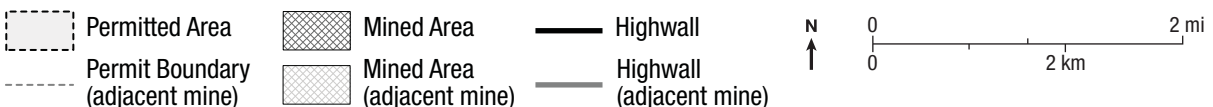
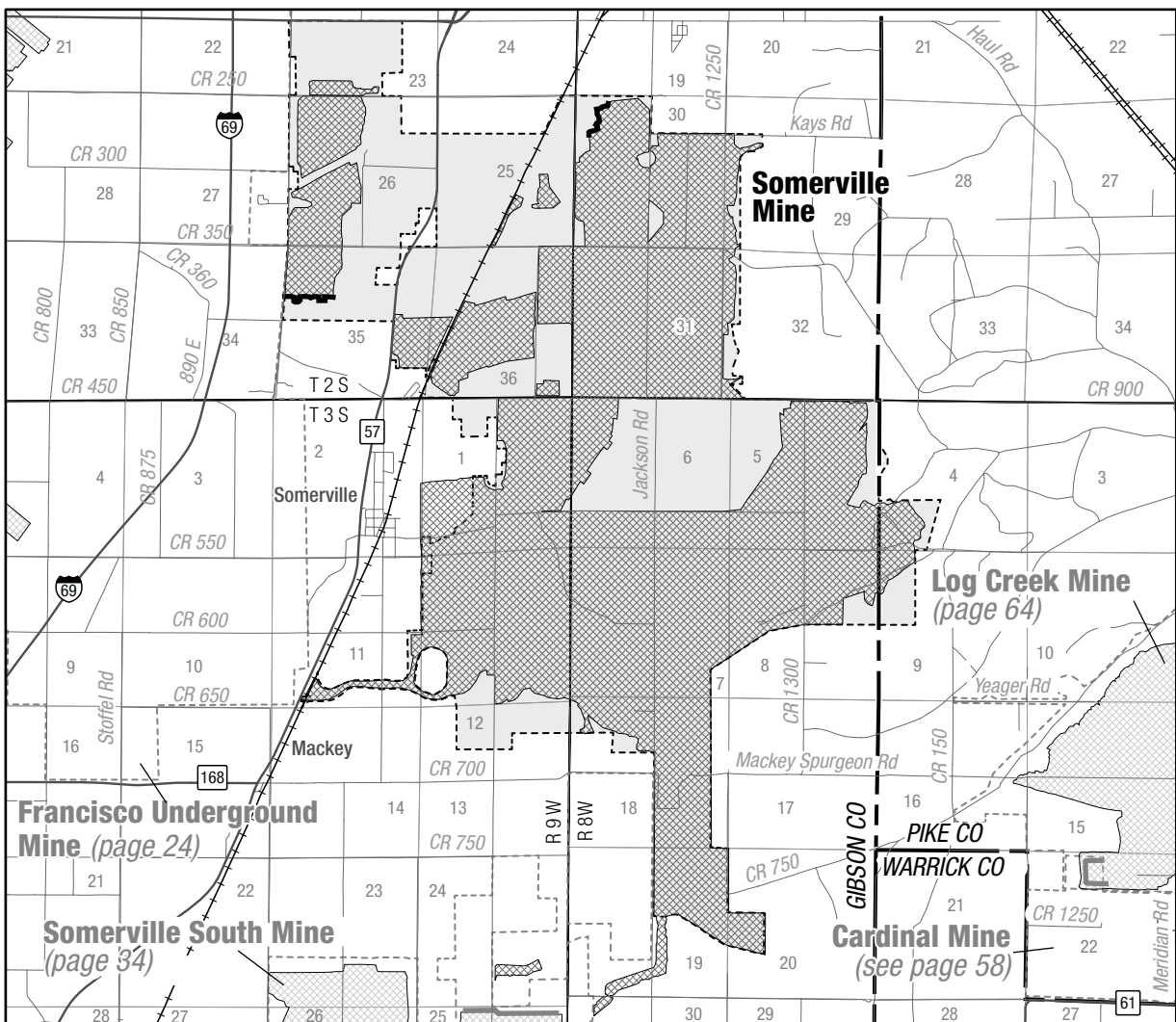
### Currently Active Area:

T. 2 S., R. 8 W., sec. 29–32  
 T. 2 S., R. 9 W., sec. 23, 25, 26, 35, 36  
 T. 3 S., R. 8 W., sec. 4–9, 18–20  
 T. 3 S., R. 9 W., sec. 1, 2, 12, 13, 19, 24, 30

### General Location:

East and northeast of Somerville

Gibson County



Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Somerville South Mine

Owned & Operated by: Peabody Midwest Mining, LLC

Mine Type: Surface Mine

Start Year: 1993

2012 Status: Active

Coals Mined: Danville, Hymera, Springfield

DOR Permit No: S-335

## CONTACT INFORMATION

Mine Contact Person:  
Terry Traylor, Mine Superintendent

Mailing Address:  
6280 S. C.R. 1025 E.  
Oakland City, IN 47660

Telephone:  
(812) 795-0311 (Somerville Central)

FAX:  
(812) 795-0040 (Somerville Central)

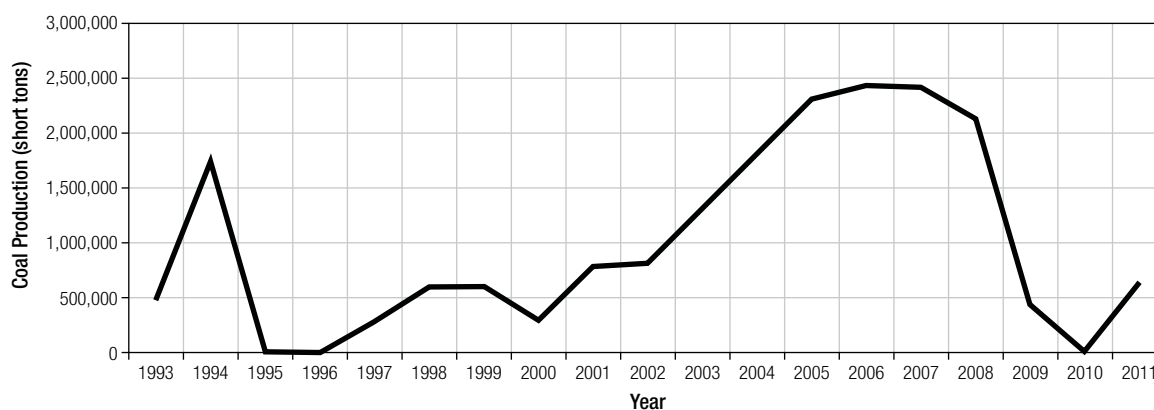
## ADDITIONAL INFORMATION

The table includes production from the Vigo Coal Company, Enterprise Mine, which was sold to Black Beauty Coal Company (now Peabody Midwest Mining, LLC) in 1992 and operated under that name until 2002. The Discovery permit (S-159), which is a part of this mine, is no longer active. No mail is received at the mine. Somerville South mined into Somerville Central and the company now considers the Somerville South Mine to be a part of Somerville Central Mine. Contact with the mine is through Somerville Central's office. The Indiana Division of Reclamation still lists it as a separate mine and production is reported separately by them.

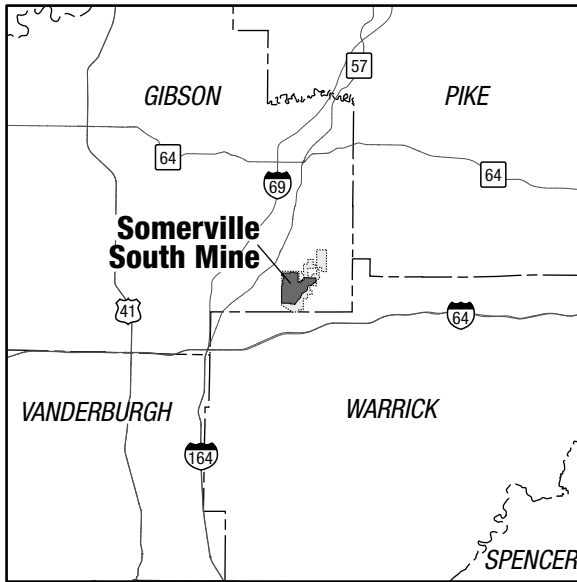
The coal is heavy-media washed at Somerville Central. It is hauled by truck and rail (Indiana Southern Railroad Company).

Mean Annual Production: 1,126,835 short tons  
Total Production (1993–2011): 19,156,187 short tons

Year	Employees	Production (short tons)
2011	N/A	639,248
2010	11	0
2009	36	441,928
2008	94	2,136,681
2007	100	2,424,498
2006	101	2,439,499
2005	96	2,318,230
2004	82	1,802,320
2003	68	1,329,786
2002	27	814,484
2001	27	781,765
2000	54	295,789
1999	N/A	606,506
1998	N/A	597,834
1997	N/A	281,179
1996	N/A	0
1995	N/A	9,823
1994	94	1,747,348
1993	32	489,268



# Somerville South Mine



## MINE LOCATION INFORMATION

County: Gibson

Quadrangles: Elberfeld, Lynnville

Currently Active Area:

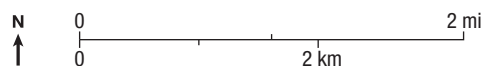
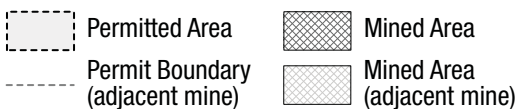
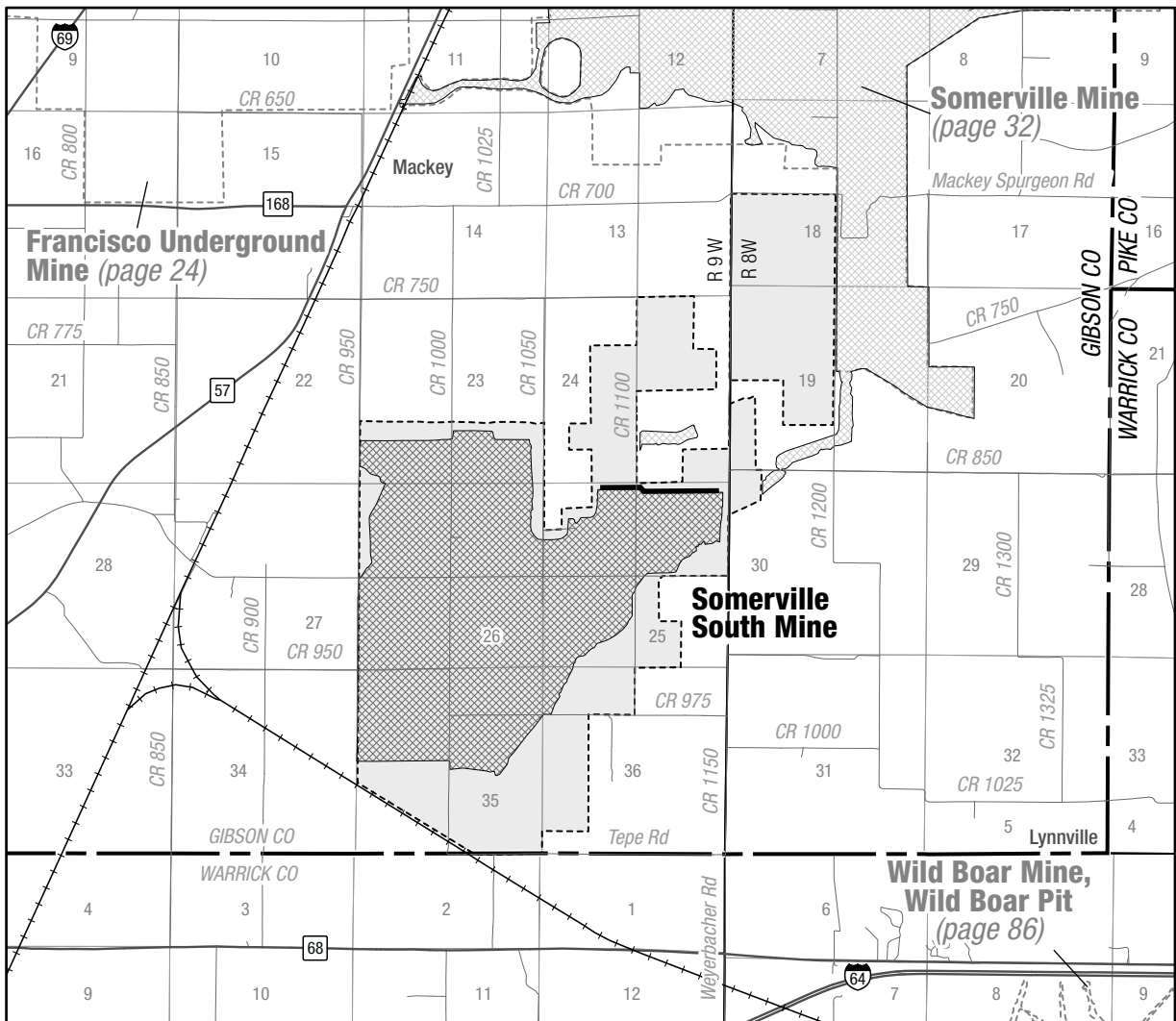
T. 3 S., R. 8 W., sec. 18, 19, 30

T. 3 S., R. 9 W., sec. 23–26, 35, 36

General Location:

2.5 miles south and southeast of Mackey

Gibson County



Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Greene County Overview

## Greene County



Index map of Indiana showing the location of Greene County in black and the Pennsylvanian System in gray.

### Actively Permitted Mines

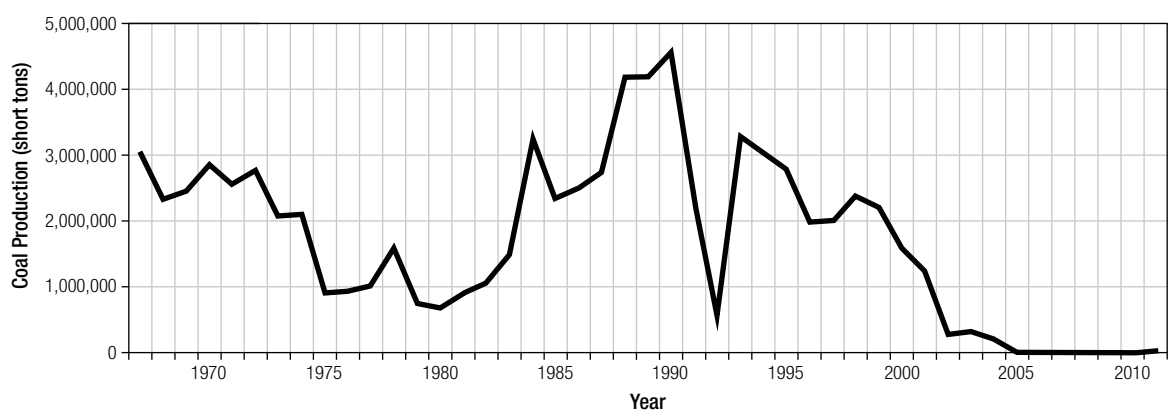
1 Landree Mine (p. 38-39)

### Coal Seams Mined in Greene County

Springfield, Survant  
(See Figure 4 on p. 7 for a stratigraphic chart.)

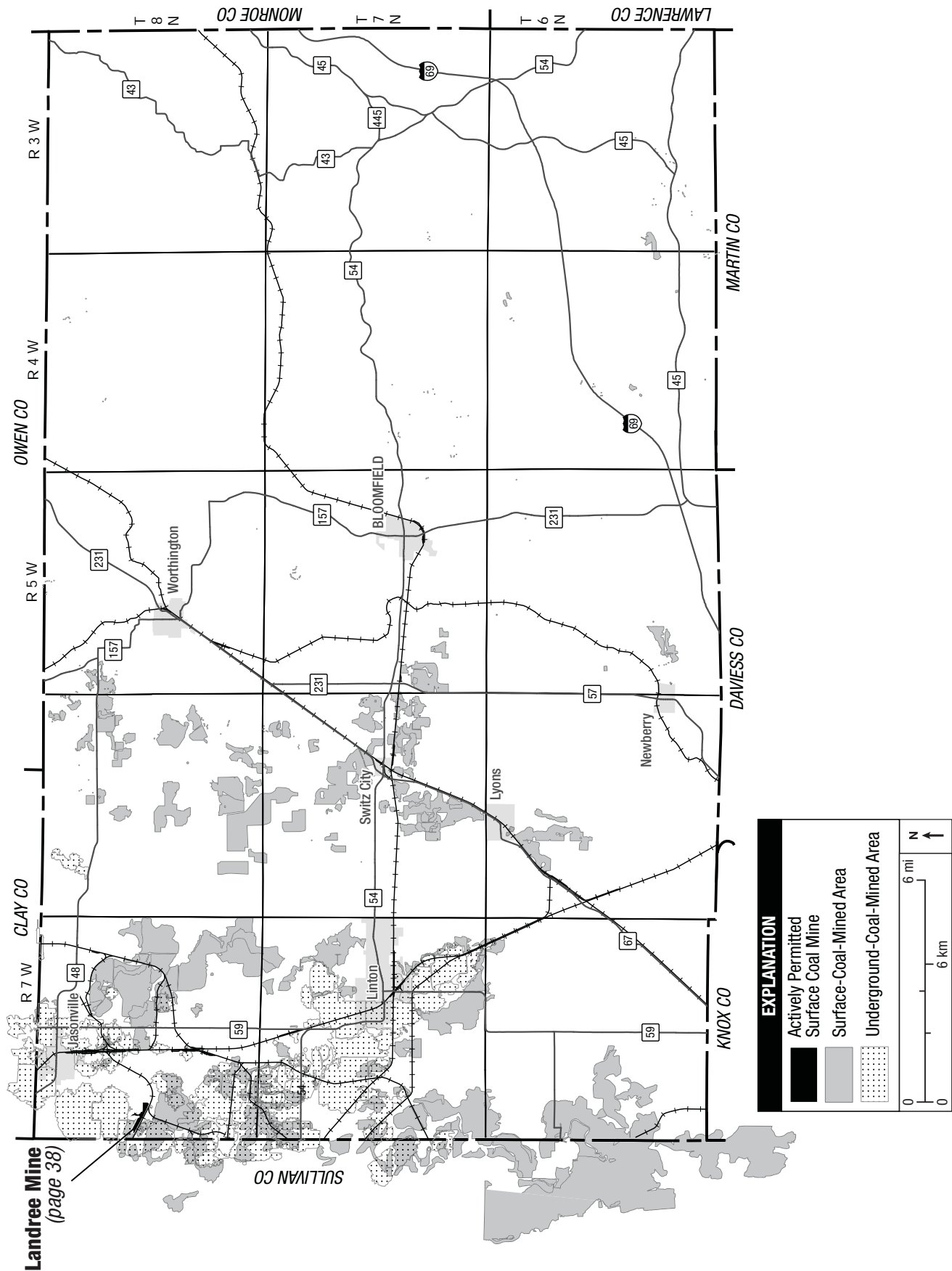
Year	Production (short tons)	Year	Production (short tons)
2011	0	1988	4,191,988
2010	0	1987	2,749,142
2009	0	1986	2,508,666
2008	0	1985	2,339,554
2007	0	1984	3,275,410
2006	0	1983	1,498,230
2005	2,658	1982	1,069,586
2004	209,103	1981	907,356
2003	325,526	1980	695,370
2002	279,445	1979	756,885
2001	1,234,727	1978	1,609,453
2000	1,586,771	1977	1,036,290
1999	2,206,300	1976	948,555
1998	2,388,492	1975	905,766
1997	2,10,00	1974	2,109,476
1996	1,992,445	1973	2,066,435
1995	2,793,859	1972	2,772,129
1994	3,039,355	1971	2,569,690
1993	3,297,576	1970	2,859,347
1992	542,551	1969	2,461,342
1991	2,309,429	1968	2,342,193
1990	4,583,528	1967	3,058,752
1989	4,183,336		

Mean Annual Production: 1,992,736 short tons  
 Total Production (1967–2011): 77,747,638 short tons  
 Remaining Recoverable Coal: 377,899,000 short tons



# Greene County Overview

## Greene County



# Landree Mine

Owned & Operated by: Lily Group, Inc.

Mine Type: Surface and Underground Mine  
horizontal entrance

Start Year: 2011

2012 Status: Active

Coals Mined: Springfield (surface), Survant (underground)

DOR Permit No: S-311

## CONTACT INFORMATION

Mine Contact Person: Ron Pickering, Engineer

Mailing Address: 15127 W. 700 N.  
Jasonville, IN 47438

Telephone: (812) 665-9780

FAX: (812) 665-9781

## ADDITIONAL INFORMATION

Surface coal is being stripped and an underground mine developed under the same permit number. The underground mine entry is horizontal into the highwall, making this a drift mine.

Coal is washed at a heavy-media plant at the mine and transported by the Indiana Railroad Company.

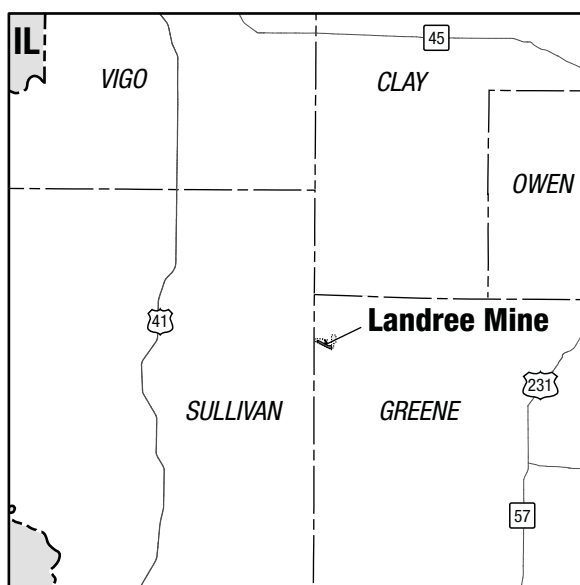
Mean Annual Production: 30,922 short tons

Total Production (2011): 30,922 short tons

Year	Employees	Production (short tons)
2011	N/A	30,922



# Landree Mine



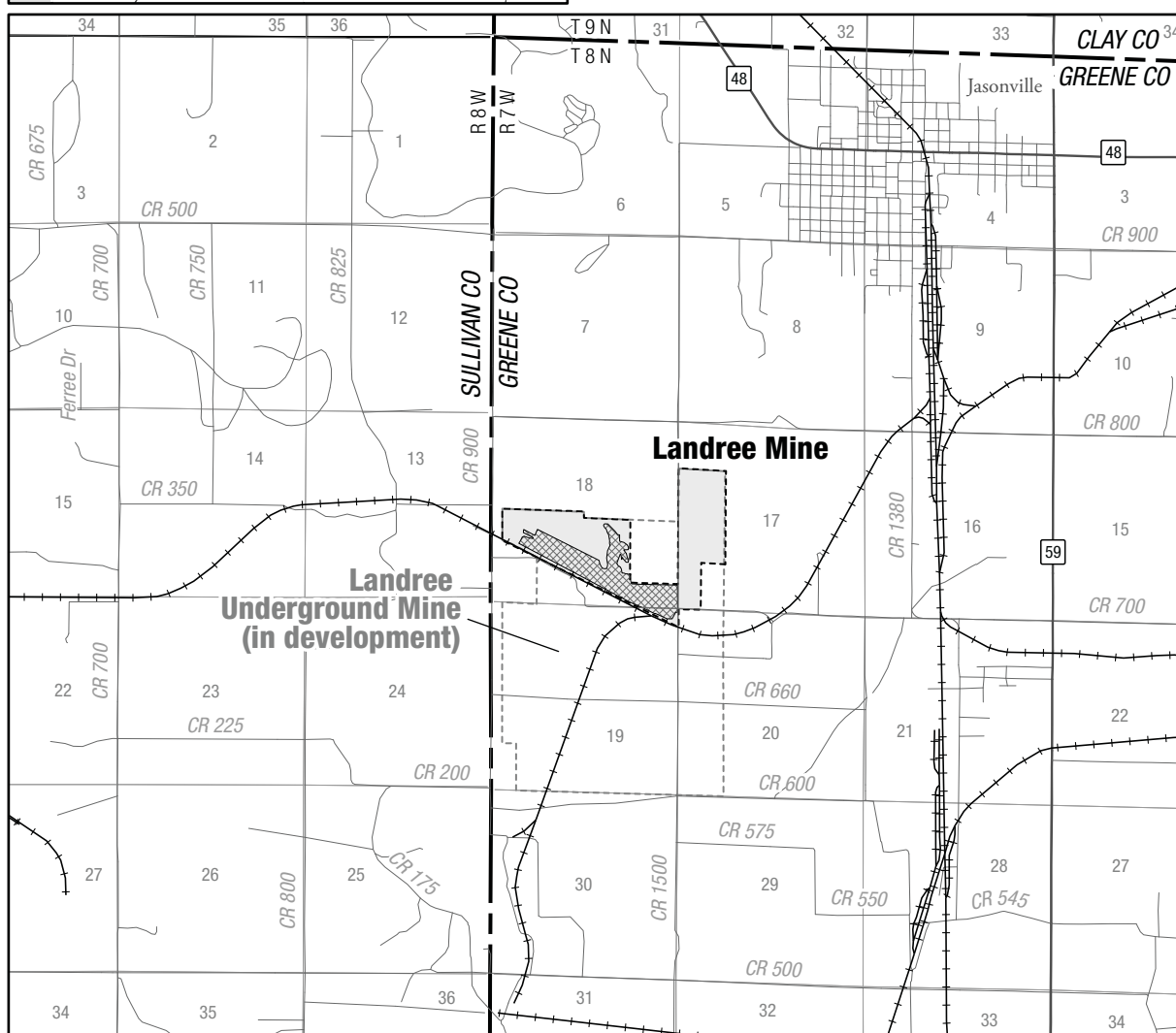
## MINE LOCATION INFORMATION

County: Greene

Quadrangles: Jasonville, Linton

Currently Active Area:  
T. 8 N., R. 7 W., sec. 17-19

General Location:  
About 2 miles southwest of Jasonville



Permitted Area  
 Permit Boundary (adjacent mine)

Mined Area

N  
 0 2 mi  
 0 2 km

Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.



# Knox County Overview

## Knox County



Index map of Indiana showing the location of Knox County in black and the Pennsylvanian System in gray.

### Actively Permitted Mines

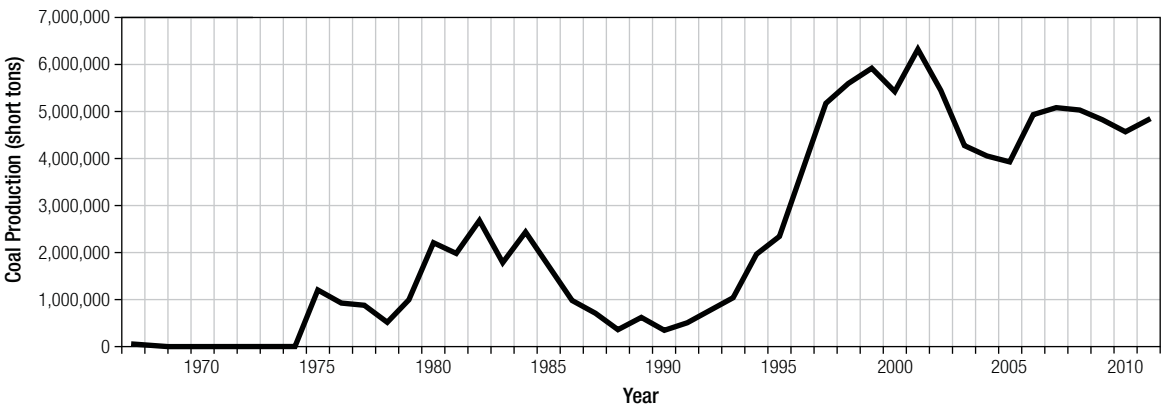
- ┌ Freelandville Mine (p. 42–43)
- é Freelandville Underground Mine (p. 44–45)
- é Oaktown Fuels No. 1 Mine (p. 46–47)
- é Oaktown Fuels No. 2 Mine (p. 48–49)
- ┌ Viking Mine, Knox Pit (p. 50–51)

### Coal Seams Mined in Knox County

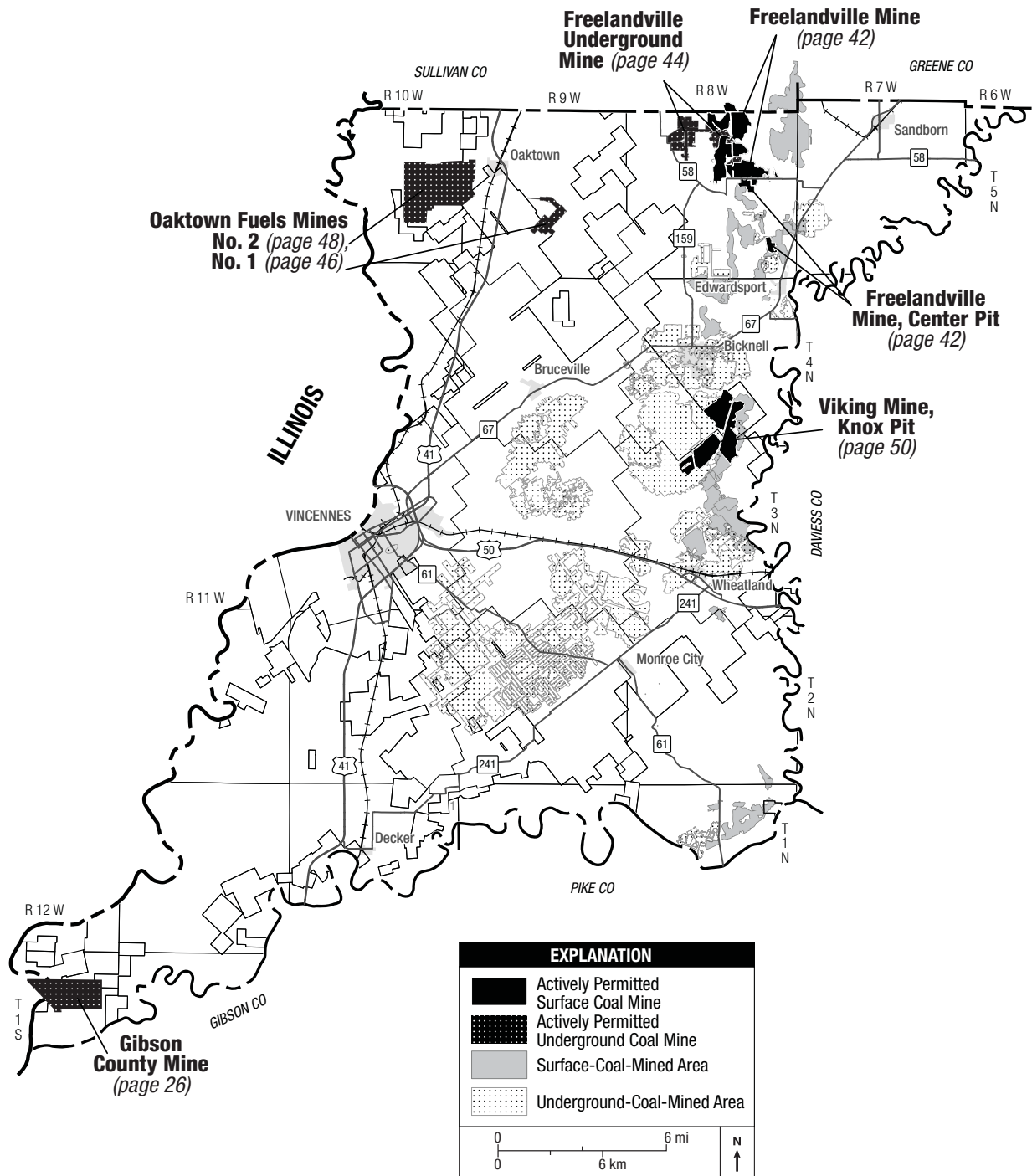
Danville, Hymera, Bucktown, Springfield  
(See Figure 4 on p. 7 for a stratigraphic chart.)

Year	Production (short tons)	Year	Production (short tons)
2011	4,829,023	1988	364,494
2010	4,557,858	1987	717,865
2009	4,821,043	1986	990,178
2008	5,037,995	1985	1,731,928
2007	5,088,255	1984	2,447,796
2006	4,929,710	1983	1,775,658
2005	3,918,715	1982	2,701,015
2004	4,055,449	1981	1,977,206
2003	4,282,610	1980	2,224,278
2002	5,438,550	1979	1,031,312
2001	6,325,189	1978	514,126
2000	5,417,037	1977	887,035
1999	5,933,025	1976	938,137
1998	5,595,199	1975	1,212,801
1997	5,174,320	1974	8,047
1996	3,723,312	1973	0
1995	2,349,002	1972	0
1994	1,965,113	1971	0
1993	1,046,278	1970	0
1992	770,742	1969	0
1991	510,389	1968	20,495
1990	358,745	1967	60,429
1989	621,609		

Mean Annual Production: 2,658,799 short tons  
 Total Production (1967–2011): 106,351,968 short tons  
 Remaining Recoverable Coal: 2,285,364,000 short tons



# Knox County Overview



Knox County

# Freelandville Mine

Owned & Operated by: Triad Mining, Inc.  
 Mine Type: Surface Mine  
 Start Year: 1995  
 2012 Status: Active  
 Coals Mined: Danville, Hymera, Bucktown, Springfield  
 DOR Permit No: S-311, S-358

## CONTACT INFORMATION

Mine Contact Person: Mark Braun, Supt. (Freelandville)  
 Don Woods, Supt. (Freelandville Center)  
 Mailing Address: P.O. Box 316  
 Freelandville, IN 47535  
 Telephone: (812) 328-6154  
 FAX: (812) 328-6238

## ADDITIONAL INFORMATION

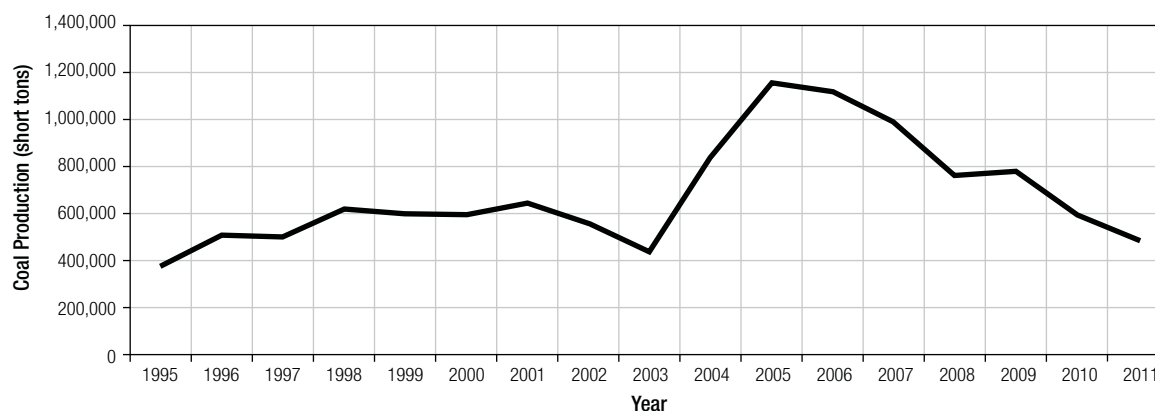
This mine consists of two active pits, Freelandville (S-311) and Freelandville Center (S-358). The rail loadout facility is at the Switz City Mine, permit S-257. No mining is taking place at that mine. Permit S-311 is mining from the Danville and Hymera coal seams and the S-358 permit is mining from the Bucktown and Springfield coal seams. An underground mine was opened at this site in 2001. See Freelandville Underground Mine listing for details. You may also contact Jay Akes, geologist, at the Triad Mining, Inc., Freelandville office, (812) 328-2117, about this mine. The office is across the street from the scale house.

Coal is washed at a heavy-media plant at the Freelandville surface mine and transported mostly by truck. Some coal is trucked to a loadout at Switz City and transported by Indiana Railroad Company.

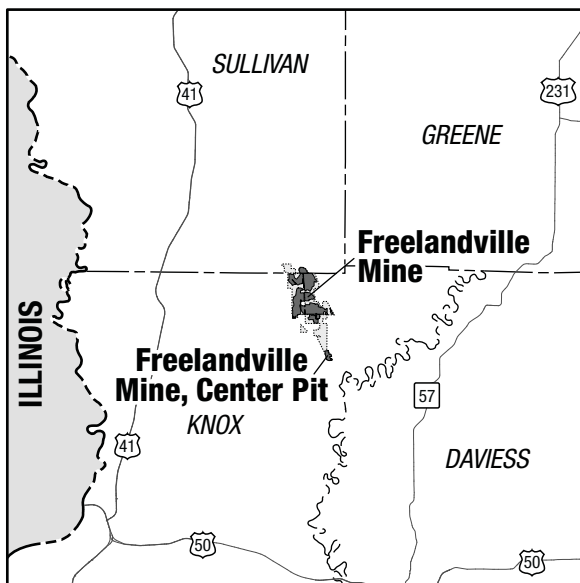
Year	Employees	Production (short tons)
2011	54	487,818
2010	62	596,397
2009	84	779,459
2008	81	761,240
2007	79	986,869
2006	77	1,115,849
2005	74	1,155,862
2004	53	840,072
2003	35	435,765
2002	39	558,196
2001	44	643,017
2000	33	596,196
1999	N/A	598,266
1998	N/A	619,009
1997	N/A	500,000
1996	N/A	509,776
1995	N/A	376,043

Mean Annual Production: 679,990 short tons  
 Total Production (1995–2011): 11,559,835 short tons

N 5 R



# Freelandville Mine



## MINE LOCATION INFORMATION

County: Knox

### Quadrangles: Bicknell, Bucktown, Plainville

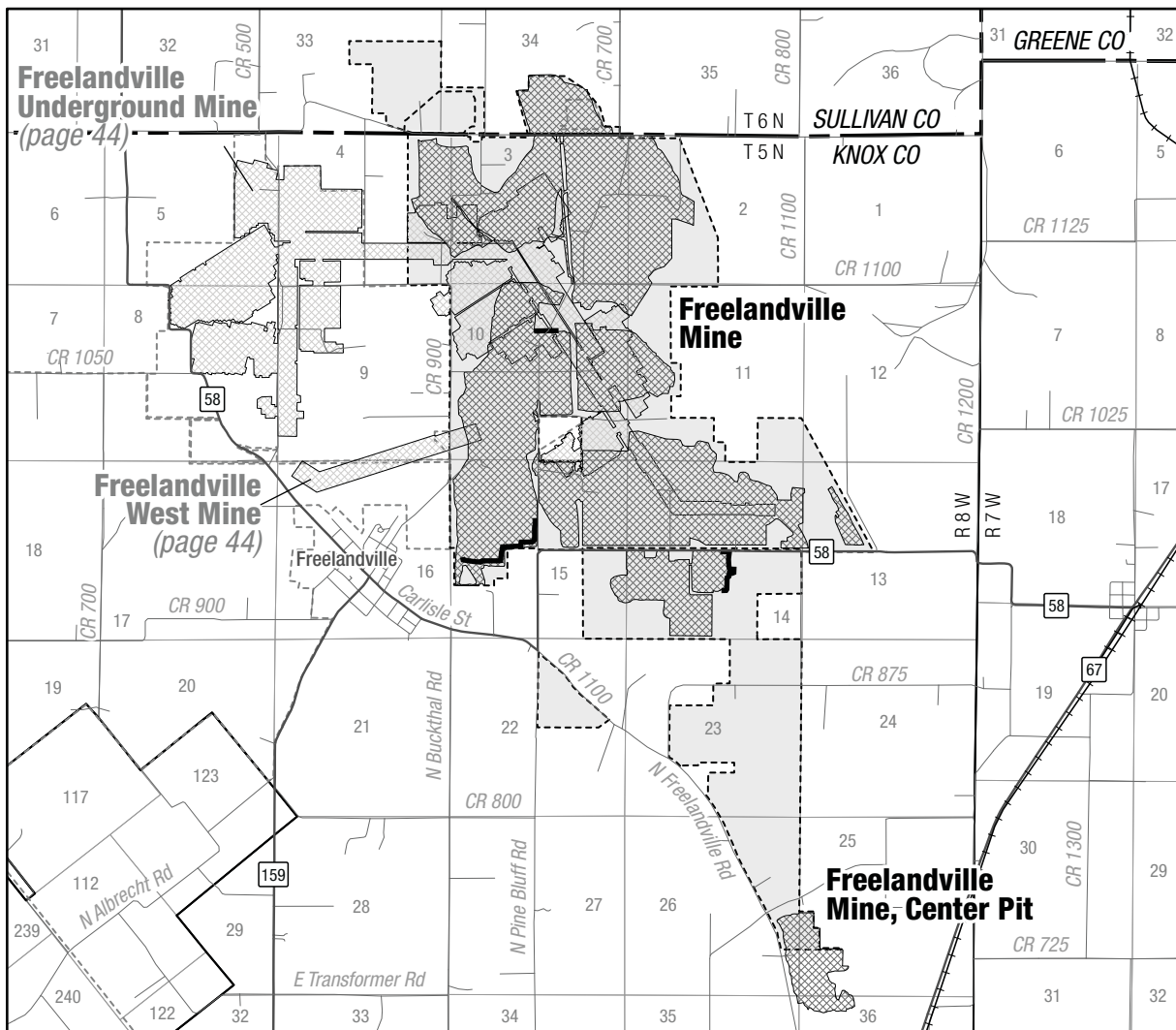
**Currently Active Area:**

T. 5 N., R. 8 W., sec. 2-5, 8, 10-15, 22, 23, 25, 26




T. 6 N., R. 8 W., sec. 33, 34


**General Location:**

1.5 miles east of Freelandville



# Knox County

 Permitted Area    
  Mined Area    
  Highwall

----- Permit Boundary  
 (adjacent mine)    
  Mined Area  
 (adjacent mine)

Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Freelandville Underground Mine

Owned & Operated by: Triad Mining, Inc.

Mine Type: Underground Mine  
horizontal entrance

Start Year: 2002

2012 Status: Active

Coals Mined: Springfield

DOR Permit No: S-311

## CONTACT INFORMATION

Mine Contact Person:  
Troy Church, Superintendent  
(Freelandville Underground)  
Brad Flanagan, Superintendent  
(Freelandville West)

Mailing Address:  
P.O. Box 316, Freelandville, IN 47535  
(Freelandville Underground)  
13333 Hartsburg Rd., Edwardsport, IN 47528  
(Freelandville West)

Telephone:  
(812) 328-6154 (Freelandville Underground)  
(812) 328-2225 (Freelandville West)

FAX:  
(812) 328-6238 (Freelandville Underground)  
(812) 328-6290 (Freelandville West)

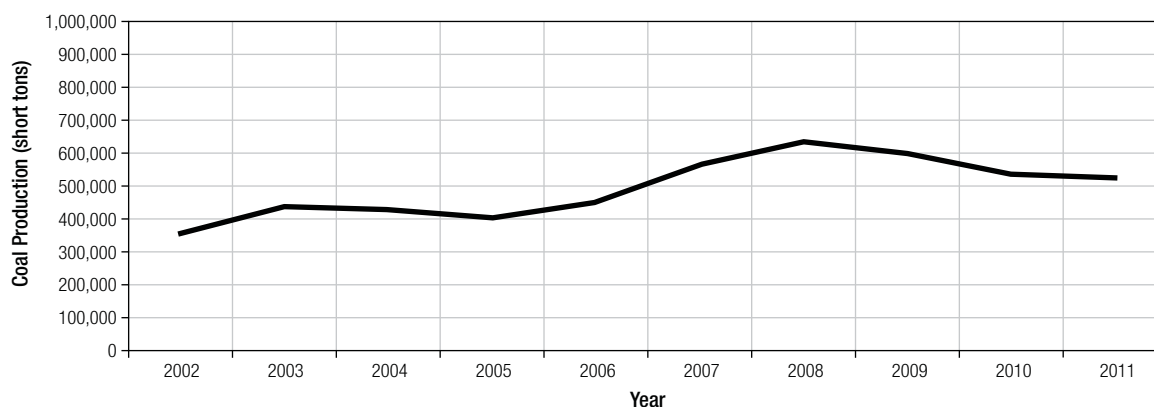
## ADDITIONAL INFORMATION

This mine consists of Freelandville Underground and Freelandville West. They both operate under the same permit as the surface Freelandville Mine (S-311). The underground mine entry is horizontal into the highwall, making this a drift mine. The office is across the street from the scale house. The rail loadout facility is at the Switz City Mine, permit S-257. No mining is taking place at that mine. You may also contact Jay Akes, geologist, at the Triad Mining, Inc., Freelandville office, (812) 328-2117, about this mine.

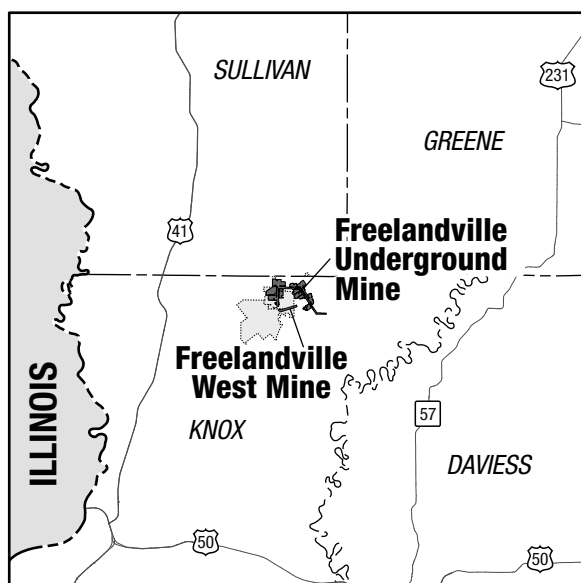
Coal is heavy-media washed at the Freelandville surface mine. It is trucked to a Freelandville wash plant, then trucked to utilities or transported to a rail loadout (Indiana Railroad Company) at Switz City.

Mean Annual Production: 494,058 short tons  
Total Production (2002–2011): 4,940,576 short tons

Year	Employees	Production (short tons)
2011	46	525,474
2010	65	537,065
2009	62	597,758
2008	60	636,143
2007	58	565,504
2006	50	450,905
2005	40	404,198
2004	37	428,865
2003	36	437,804
2002	35	356,861



## Freelandville Underground Mine



## MINE LOCATION INFORMATION

County: Knox

## Quadrangles: Bicknell, Bucktown

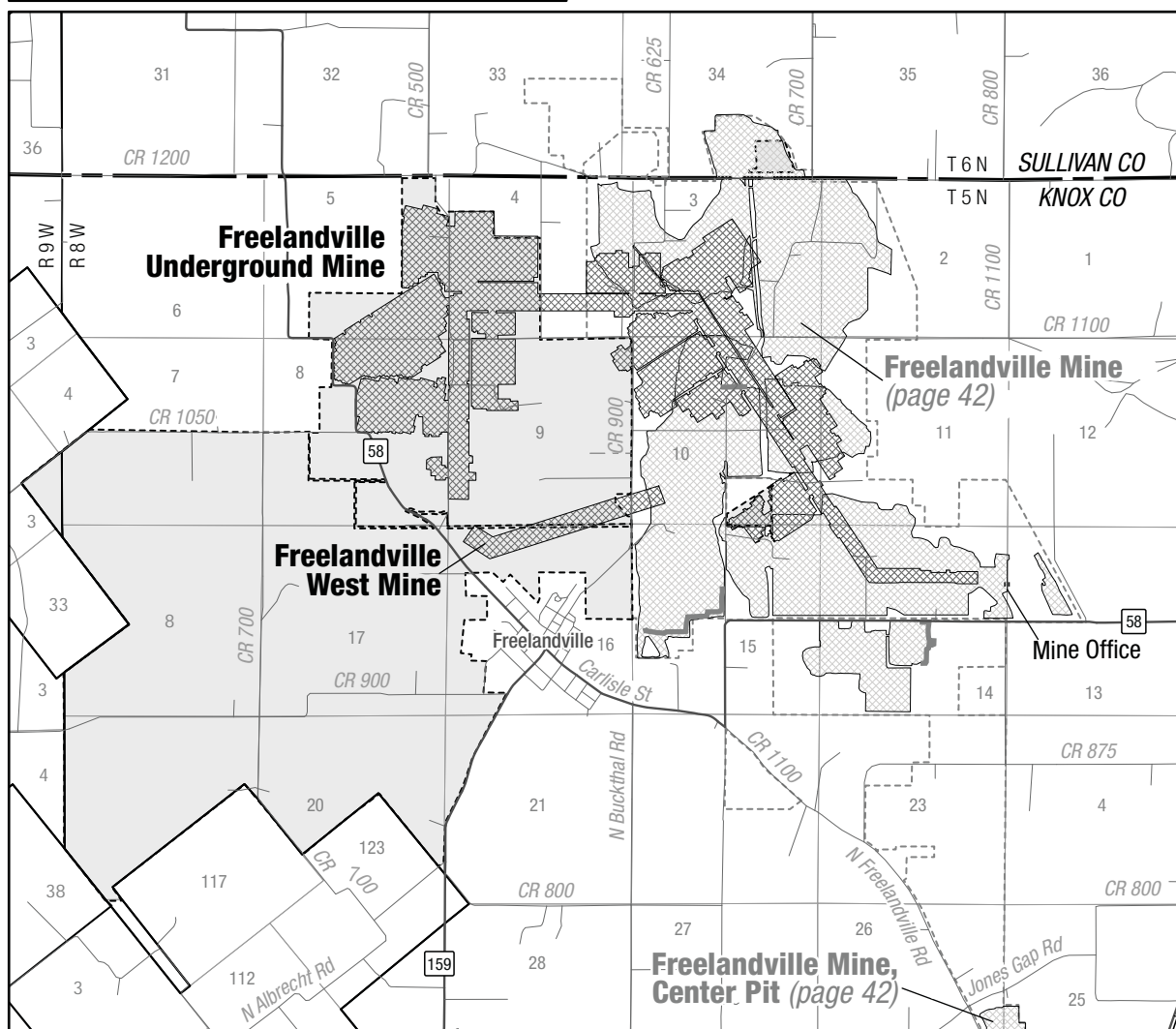
**Currently Active Area:**

T. 5 N., R. 8 W., sec. 2-5, 8, 10-15






T. 6 N., R. 8 W., sec. 33, 34

General Location:

1.5 miles north and east of Freelandville



## Knox County

 Permitted Area      Mined Area      Permit Boundary  
 Permit Boundary (adjacent mine)      Mined Area (adjacent mine)

Highwall  
(adjacent mine)

N  
↑

010

0

2 km

2 mi

1

Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.



# Oaktown Fuels Mine No. 1

Owned by: Vectren Fuels, Inc.

Operated by: Black Panther Mining, LLC

Mine Type: Underground Mine  
slope entrance

Start Year: 2009

2012 Status: Active

Coals Mined: Springfield

DOR Permit No: U-031

## CONTACT INFORMATION

Mine Contact Person:  
Don Blankenberger,  
President,  
Black Panther Mining, LLC

Mailing Address:  
12661 N. Agri Care Rd., Box 359  
Oaktown, IN 47561

Telephone:  
(812) 745-2920

FAX:  
(812) 745-2970

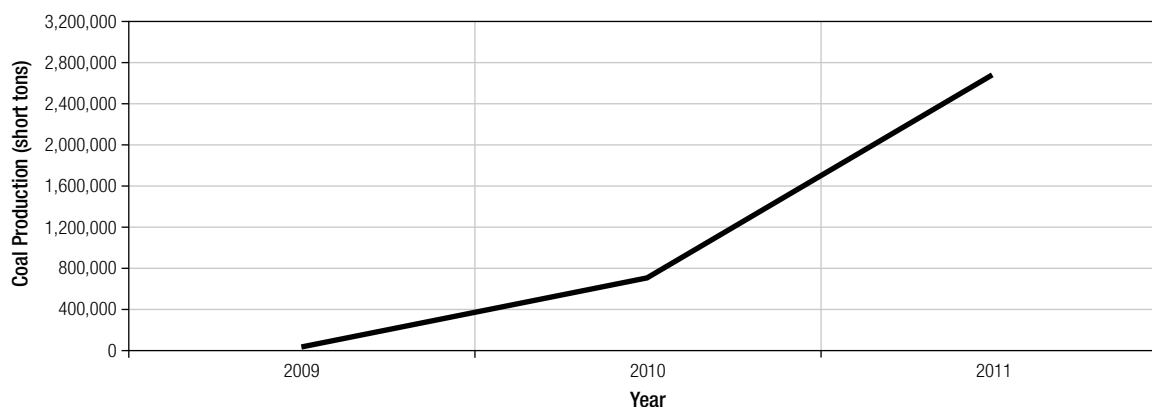
## ADDITIONAL INFORMATION

You may also contact Tim Kerr, geologist at Prosperity Mine, (812) 354-6883, about this permit.

Coal is heavy-media washed at the mine and transported by both rail and truck. There is a company loop for loading onto CSX Transportation.

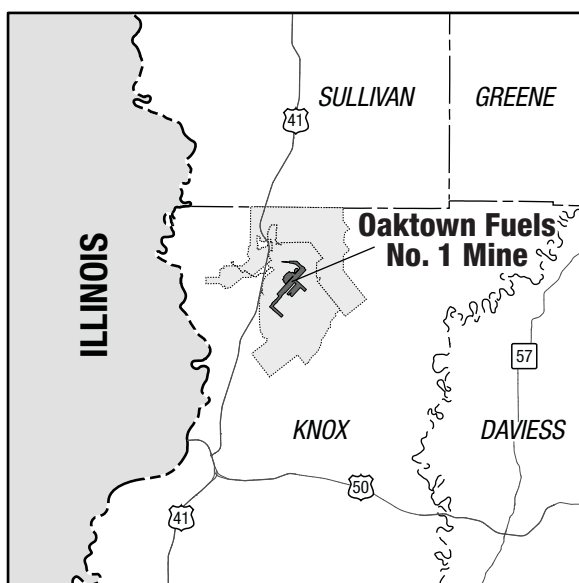
Mean Annual Production: 1,139,872 short tons  
Total Production (2009–2011): 3,419,615 short tons

Year	Employees	Production (short tons)
2011	306	2,701,717
2010	193	708,228
2009	54	9,670





# Oaktown Fuels No. 1 Mine



## MINE LOCATION INFORMATION

County: Knox

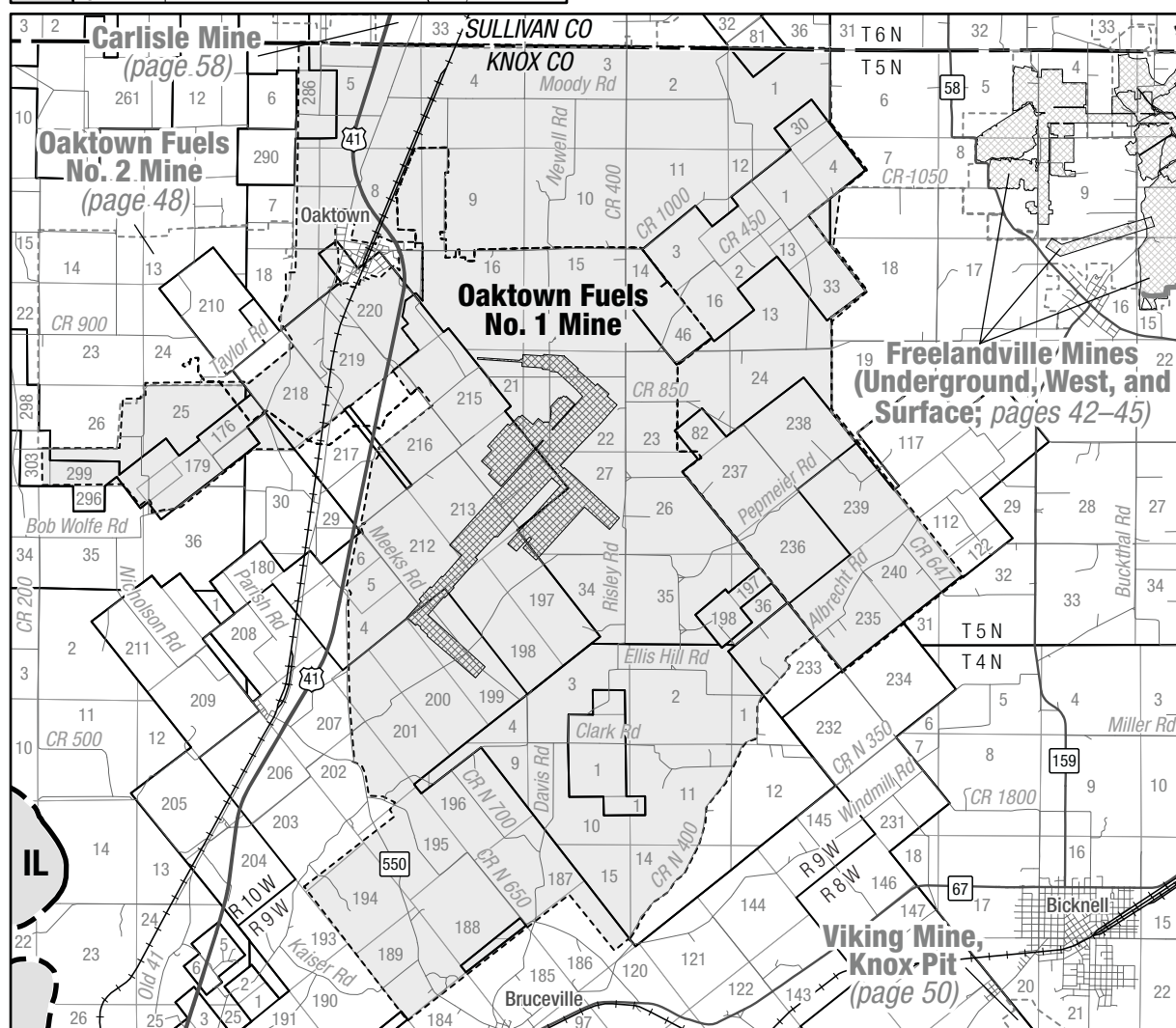
Quadrangles: Bicknell, Bucktown, Carlisle, Oaktown

### Currently Active Area:

T. 5 N., R. 8 W., don. 235, 239, 240, sec. 7, 14  
T. 5 N., R. 9 W., don. 1-4, 13, 16, 30, 33, 82, 176, 181, 184, 213, 215-220, 236, 237, 239, 260, 285, 286, sec. 1-13, 16-21, 23, 24

### General Location:

Just east and southeast of Oaktown



Knox County

- Permitted Area
- Permit Boundary (adjacent mine)
- Mined Area
- Mined Area (adjacent mine)

Highwall (adjacent mine)

N  
0 2 mi  
0 2 km

Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Oaktown Fuels Mine No. 2

---

Owned by:	Vectren Fuels, Inc.
Operated by:	Black Panther Mining, LLC
Mine Type:	Underground Mine
Start Year:	2013
2012 Status:	Permit Bonded
Coals Mined:	Springfield
DOR Permit No:	U-027

## CONTACT INFORMATION

Mine Contact Person:  
Don Blankenberger,  
President,  
Black Panther Mining, LLC

Mailing Address:  
12661 N. Agri Care Rd., Box 359  
Oaktown, IN 47561

Telephone:  
(812) 745-2920

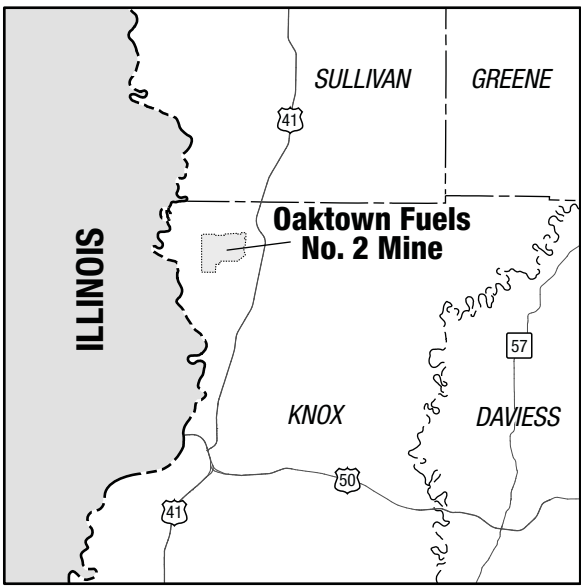
FAX:  
(812) 745-2970

## ADDITIONAL INFORMATION

You may also contact Tim Kerr, geologist at the Prosperity Mine, (812) 354-6883, about this mine, which was in development during 2012. Production is planned for 2013.

Coal will be heavy-media washed at Oaktown Fuels Mine No. 1. There is a company loop for loading onto CSX Transportation, Inc., located at Oaktown No. 1 Mine. Coal will be hauled by rail and truck.

# Oaktown Fuels Mine No. 2



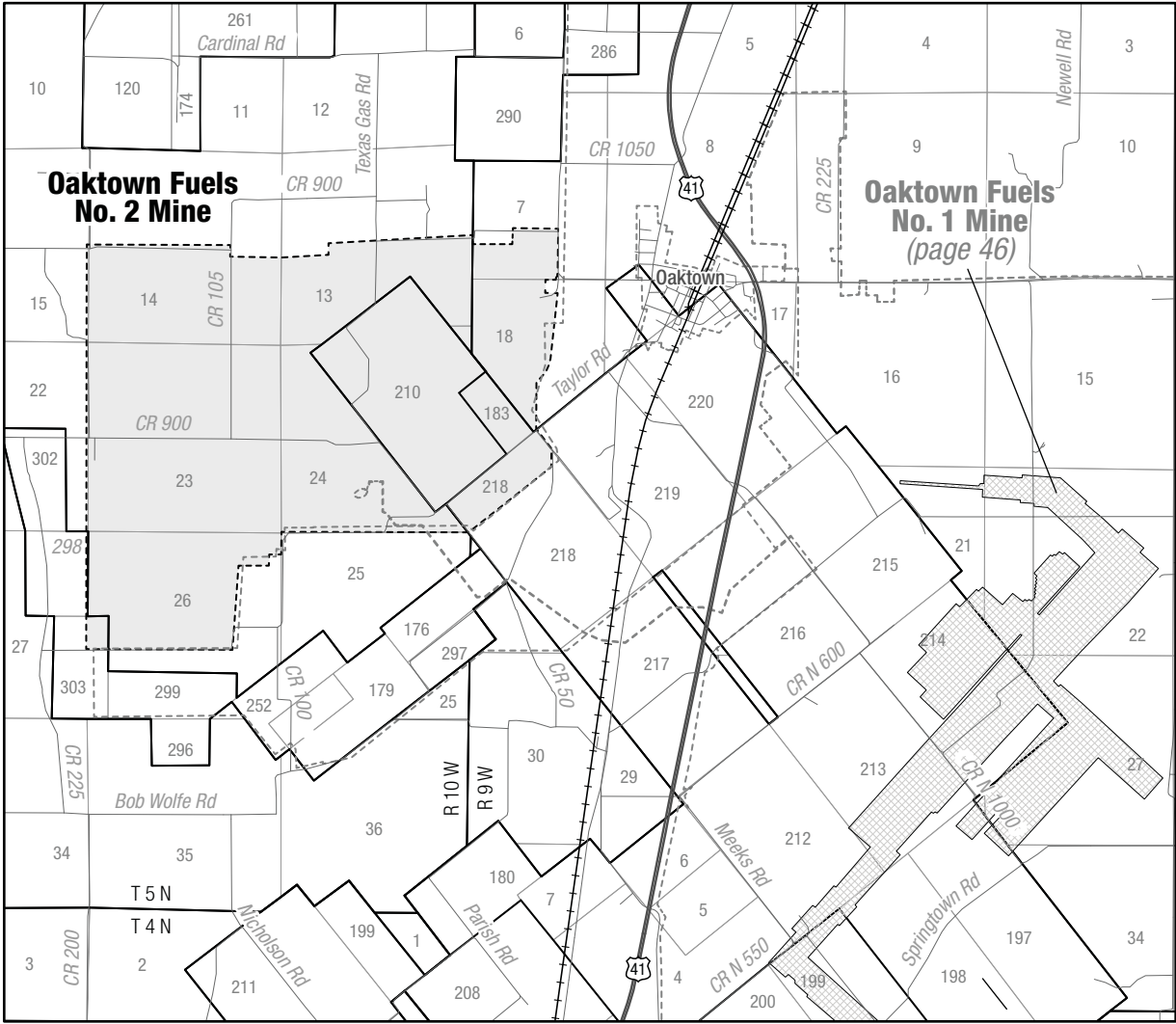
**MINE LOCATION INFORMATION**

County: Knox

Quadrangles: Carlisle, Oaktown

Currently Active Area:  
T. 5 N., R. 9 W., sec. 7, 18, don. 183

General Location:  
Just west of Oaktown



Permitted Area

Mined Area (adjacent mine)

Permit Boundary (adjacent mine)



Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

Knox County

# Viking Mine, Knox Pit

Owned & Operated by: Peabody Midwest Mining, LLC

Mine Type: Surface Mine

Start Year: 1991

2012 Status: Idle/Temporary Cessation

Coals Mined: Danville, Hymera

DOR Permit No: S-222

## CONTACT INFORMATION

Mine Contact Person:  
Matt Ubelhor, Operations Mgr.  
Guy Mattingly, Production Supt.  
Lonnie Nelson, Chief Engineer

Mailing Address:  
7100 Eagle Crest Blvd., Suite 200  
Evansville, IN 47715

Telephone:  
(812) 434-8500

FAX:  
(812) 424-9064

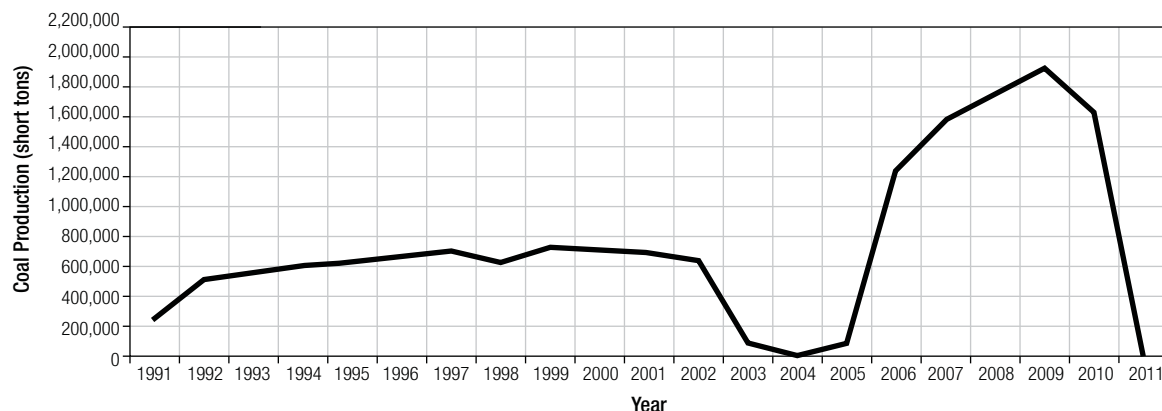
## ADDITIONAL INFORMATION

This mine operated from 1991 until 2004 as Beech Coal Company, Sycamore Mine. Beech Coal Company was owned by Horizon Natural Resources and the mine was sold to Lexington Coal Company as part of bankruptcy proceedings in 2004 and then to Peabody Energy in 2005. There was no production in 2004. This mine was listed as Miller Creek Mine, Knox Pit in the last directory. The name was changed at the Division of Reclamation. It is unknown whether the company will reopen this mine. Some reclamation work is taking place, but it is not in final reclamation.

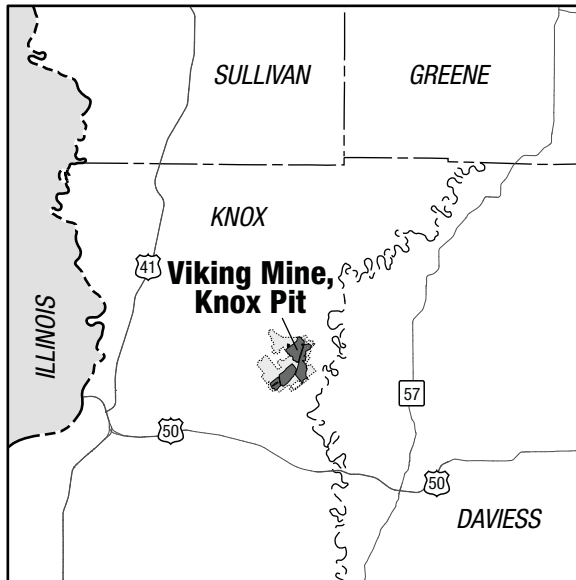
When in operation, coal is water-washed at the mine and trucked from the mine to the Indiana Southern Railroad Company.

Mean Annual Production: 820,768 short tons  
Total Production (1991–2011): 15,594,591 short tons

Year	Employees	Production (short tons)
2011	3	0
2010	93	1,628,376
2009	152	1,928,094
2008	152	1,746,412
2007	138	1,578,414
2006	98	1,240,959
2005	56	84,311
2004	5	N/A
2003	19	86,268
2002	59	643,478
2001	57	687,088
2000	59	708,584
1999	59	729,275
1998	54	622,604
1997	60	703,373
1996	59	661,026
1995	58	626,962
1994	58	602,367
1993	45	554,000
1992	39	512,000
1991	49	251,000



# Viking Mine, Knox Pit



## MINE LOCATION INFORMATION

County: Knox

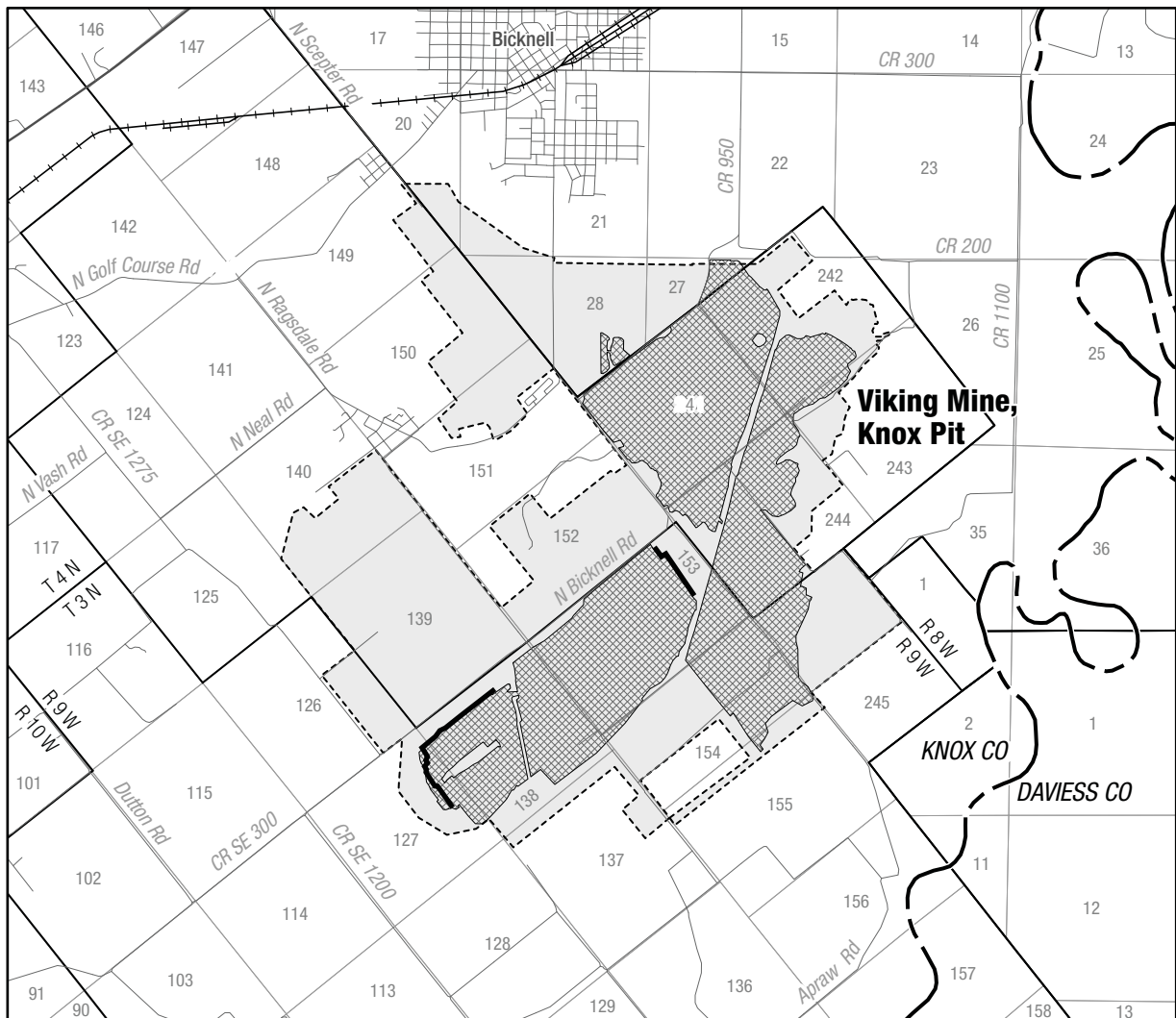
Quadrangles: Bicknell, Wheatland

### Currently Active Area:

T. 3 N., R. 8 W., don. 127, 137, 138, 152–154  
T. 4 N., R. 8 W., don. 126, 139, 140, 149–152,  
241–244, sec. 20, 21, 27, 28

### General Location:

2 miles south of Bicknell



Permitted Area Mined Area Highwall



0 0

2 km 2 mi

Knox County

Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Pike County Overview



Index map of Indiana showing the location of Pike County in black and the Pennsylvanian System in gray.

## Pike County

### Actively Permitted Mines

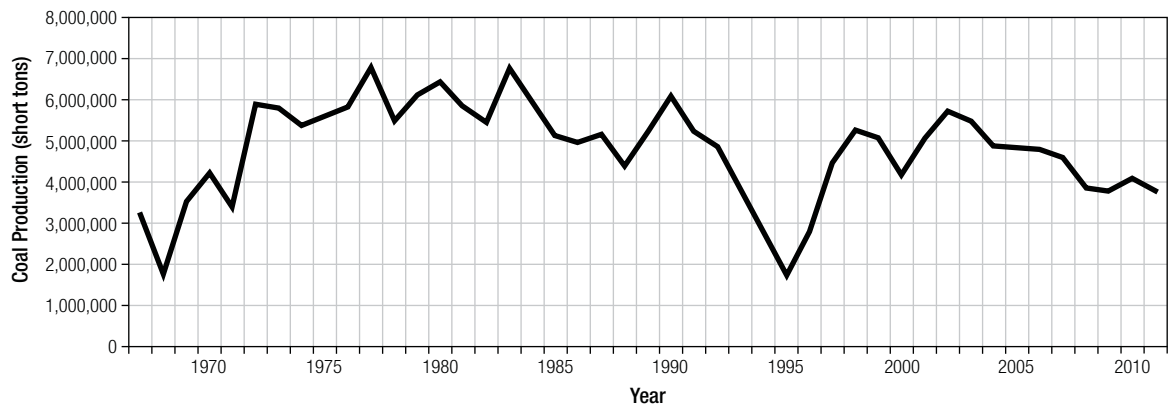
- † Augusta Mine (p. 54–55)
- † Blackfoot #5–Gray #1 Mine (p. 56–57)
- † Cardinal Mine (p. 58–59)
- † Hilsmeier Mine (p. 60–61)
- † Hilsmeier #2 Mine (p. 62–63)
- † Log Creek Mine (p. 64–65)
- € Prosperity Mine (p. 66–67)

### Coal Seams Mined in Pike County

Danville, Hymera, Bucktown, Springfield, Survant, Seelyville  
(See Figure 4 on p. 7 for a stratigraphic chart.)

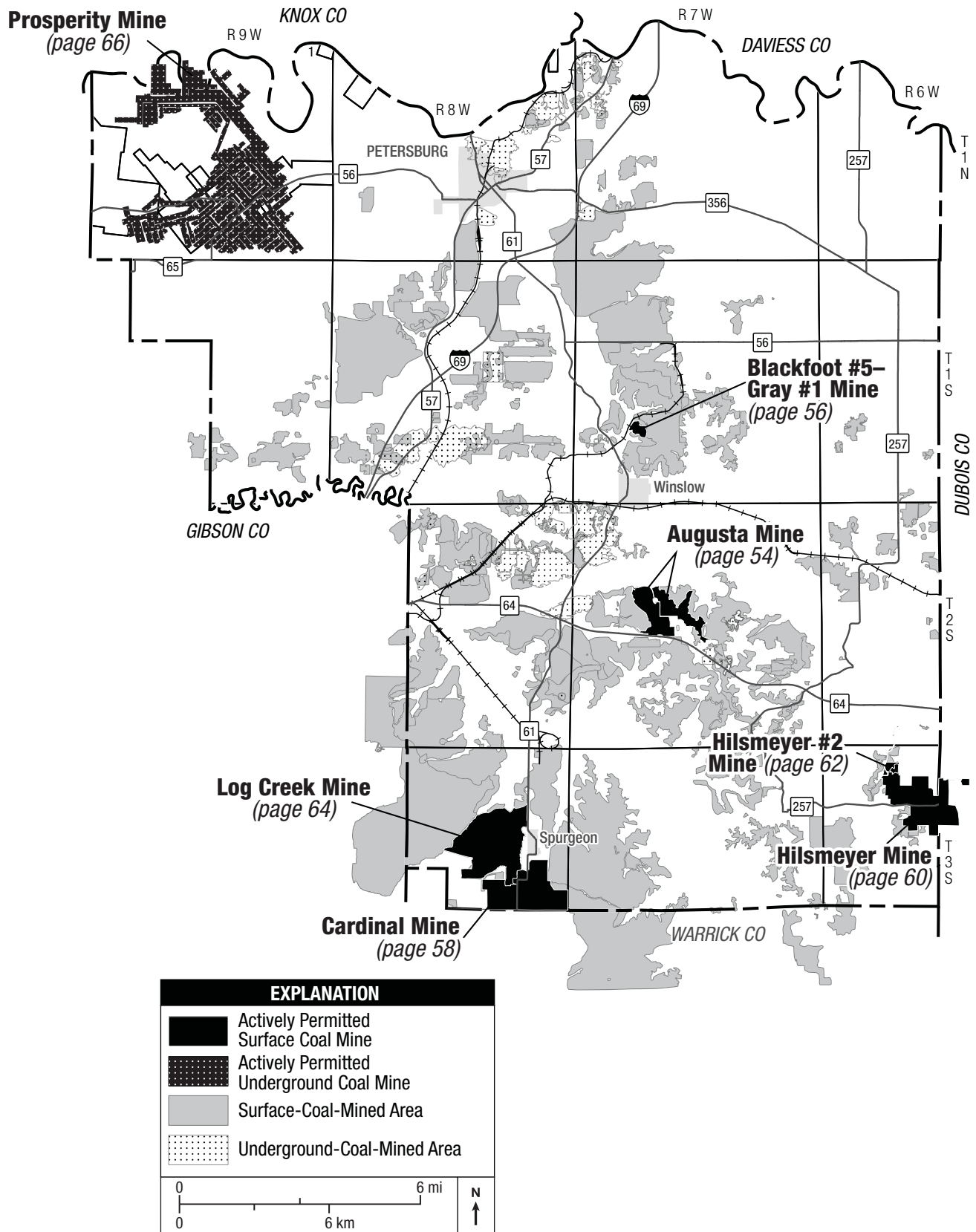
Year	Production (short tons)	Year	Production (short tons)
2011	3,791,323	1988	4,368,030
2010	4,115,765	1987	5,177,974
2009	3,777,631	1986	4,966,415
2008	3,851,525	1985	5,127,822
2007	4,615,912	1984	5,989,947
2006	4,800,410	1983	6,800,600
2005	4,863,954	1982	5,431,668
2004	4,879,948	1981	5,832,535
2003	5,481,923	1980	6,454,758
2002	5,740,166	1979	6,115,991
2001	5,056,568	1978	5,464,106
2000	4,151,991	1977	6,811,544
1999	5,069,025	1976	5,821,360
1998	5,277,524	1975	5,613,171
1997	4,475,801	1974	5,361,669
1996	2,773,594	1973	5,799,974
1995	1,722,224	1972	5,898,267
1994	2,853,921	1971	3,389,221
1993	3,884,483	1970	4,252,464
1992	4,883,907	1969	3,511,755
1991	5,239,418	1968	1,741,396
1990	6,128,332	1967	3,212,288
1989	5,209,112		

Mean Annual Production: 4,795,276 short tons  
Total Production (1967–2011): 215,787,412 short tons  
Remaining Recoverable Coal: 430,279,000 short tons





# Pike County Overview





# Augusta Mine

Owned & Operated by: Triad Mining, Inc.

Mine Type: Surface Mine

Start Year: 2002

2012 Status: Active

Coals Mined: Bucktown, Springfield

DOR Permit No: S-350

## CONTACT INFORMATION

Mine Contact Person: Tim Aull, President

Mailing Address: 1524 Frederica St.  
Owensburg, KY 42301

Telephone: (270) 683-4186

FAX: (270) 686-8476

## ADDITIONAL INFORMATION

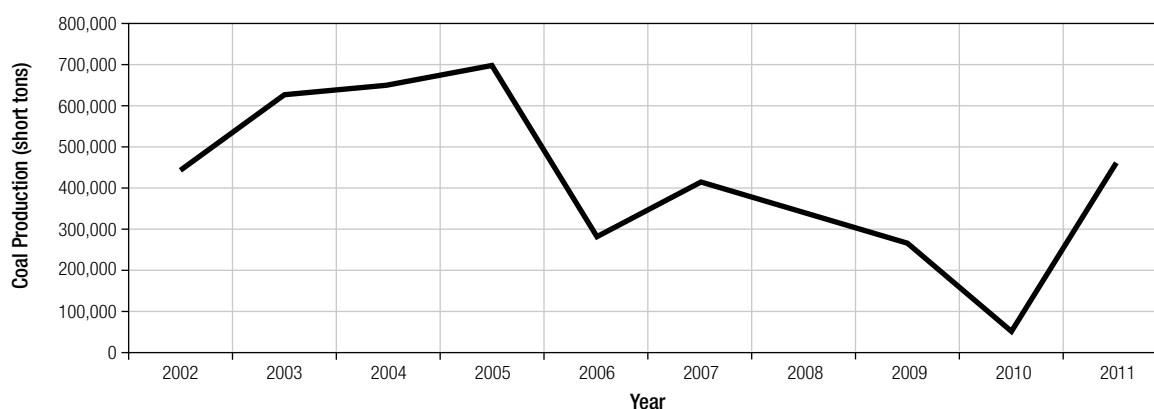
Although the Division of Reclamation lists this mine as active, the company reports that no production is taking place. The contact information is for the company, not the mine. The company is seeking permits for additional acreage so they can continue mining at Augusta. They hope to re-open the mine by 2014. You may also contact Jay Akes, geologist, at the Triad Mining, Inc., Free-landville office, (812) 328-2117, about this mine.

When in operation, coal is washed at a jig plant at the mine and transported by truck.

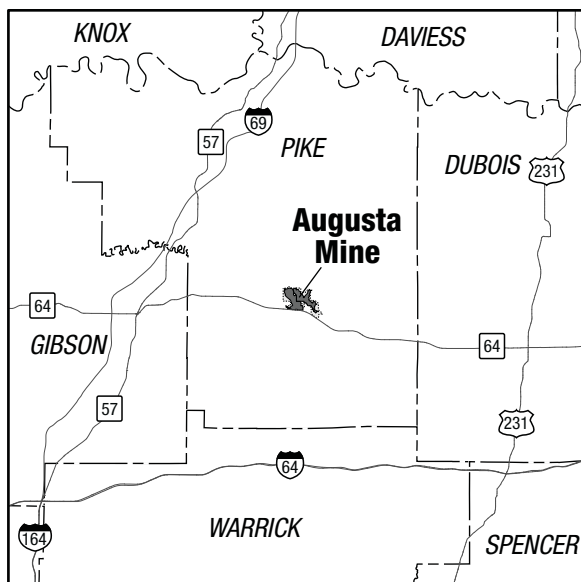
Mean Annual Production: 424,352 short tons

Total Production (2002–2011): 4,243,519 short tons

Year	Employees	Production (short tons)
2011	25	457,642
2010	13	53,111
2009	25	266,780
2008	26	341,763
2007	28	415,087
2006	42	286,845
2005	40	699,402
2004	33	650,933
2003	34	627,504
2002	26	444,451



# Augusta Mine



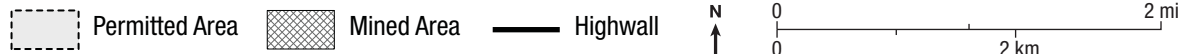
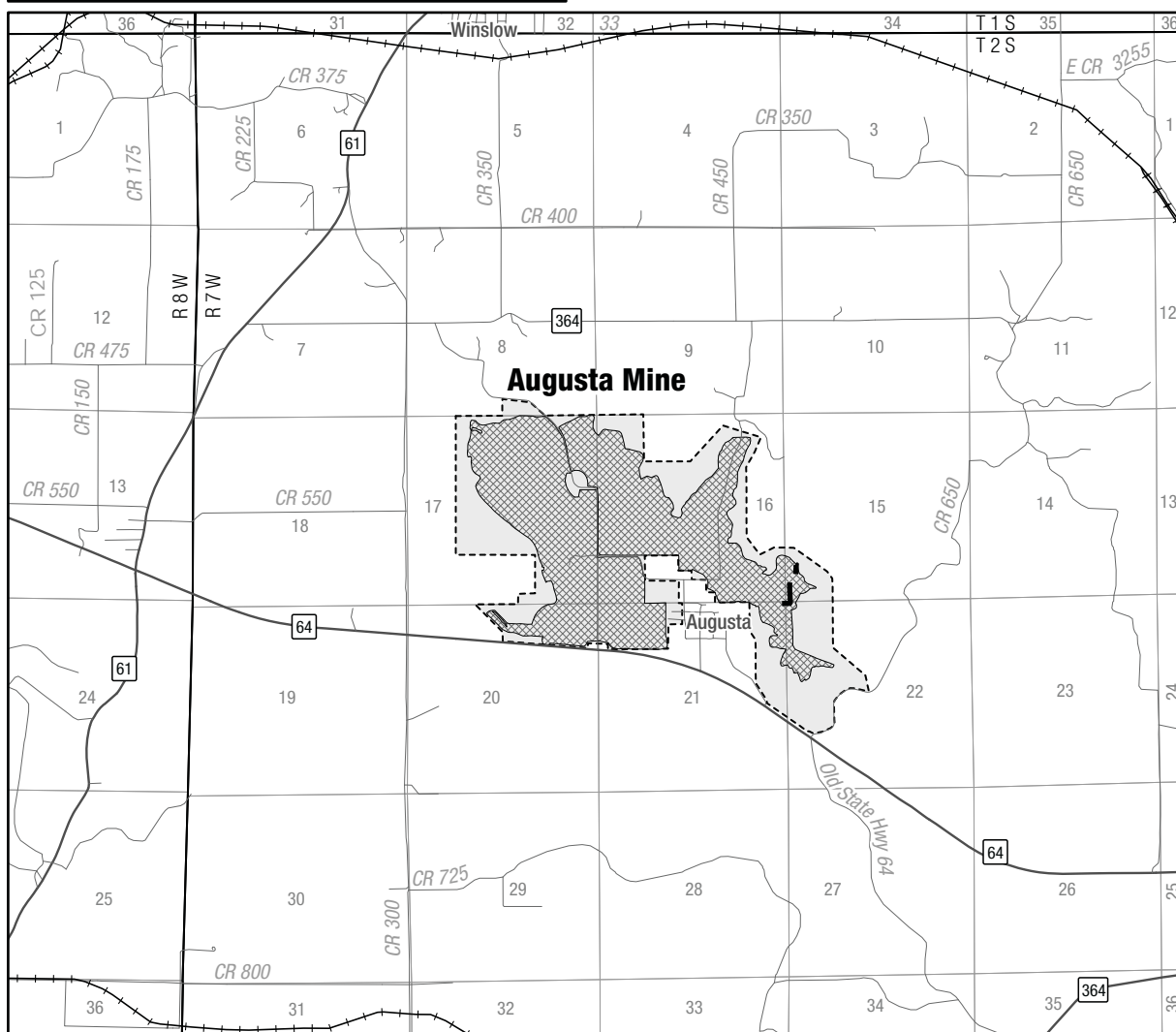
## MINE LOCATION INFORMATION

County: Pike

Quadrangle: Augusta

Currently Active Area:  
T. 2 S., R. 7 W., sec. 8, 15–17, 20–22

General Location:  
Just east, north, and west of Augusta  
and approximately 3 miles south  
of Winslow



Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Blackfoot #5–Gray #1 Mine

Owned by: Sun Energy Group, LLC

Operated by: Boyd and Sons Construction, LLC

Mine Type: Surface Mine

Start Year: 2009

2012 Status: Active

Coals Mined: Coal refuse from Hymera and Springfield

DOR Permit No: S-362

## CONTACT INFORMATION

**Mine Contact Person:**  
Dewey Rickenbaugh, Supervisor  
(Sun Energy Group, LLC)  
Larry King, Supervisor  
(Sun Energy Group, LLC)  
Duane Walls, Project Manager  
(Boyd and Sons Construction, LLC)

**Mailing Address:**  
2701 W. 1100 S. Huntingburg, IN 47542  
(Sun Energy Group, LLC)  
1312 E. 200 N., Washington, IN 47501  
(Boyd and Sons Construction, LLC)

**Telephone:**  
(812) 683-1178  
(Sun Energy Group, LLC)  
(800) 648-9915, (812) 254-6858  
(Boyd and Sons Construction, LLC)

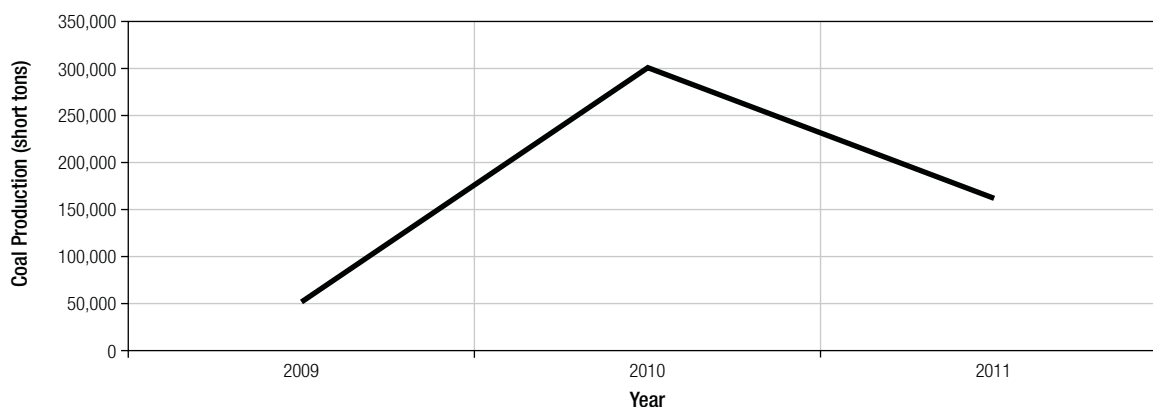
**FAX:**  
(812) 683-1418  
(Sun Energy Group, LLC)  
(812) 254-2035  
(Boyd and Sons Construction, LLC)

## ADDITIONAL INFORMATION

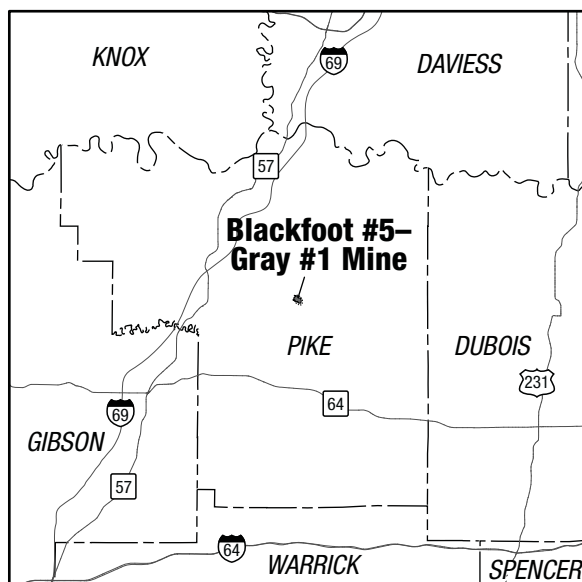
There is no mailing address or phone number for the mine. Coal is washed at a jig plant at the mine and transported by truck.

**Mean Annual Production:** 171,733 short tons  
**Total Production (2009–2011):** 515,199 short tons

Year	Employees	Production (short tons)
2011	26	162,244
2010	46	301,104
2009	7	51,851



## Blackfoot #5–Gray #1 Mine



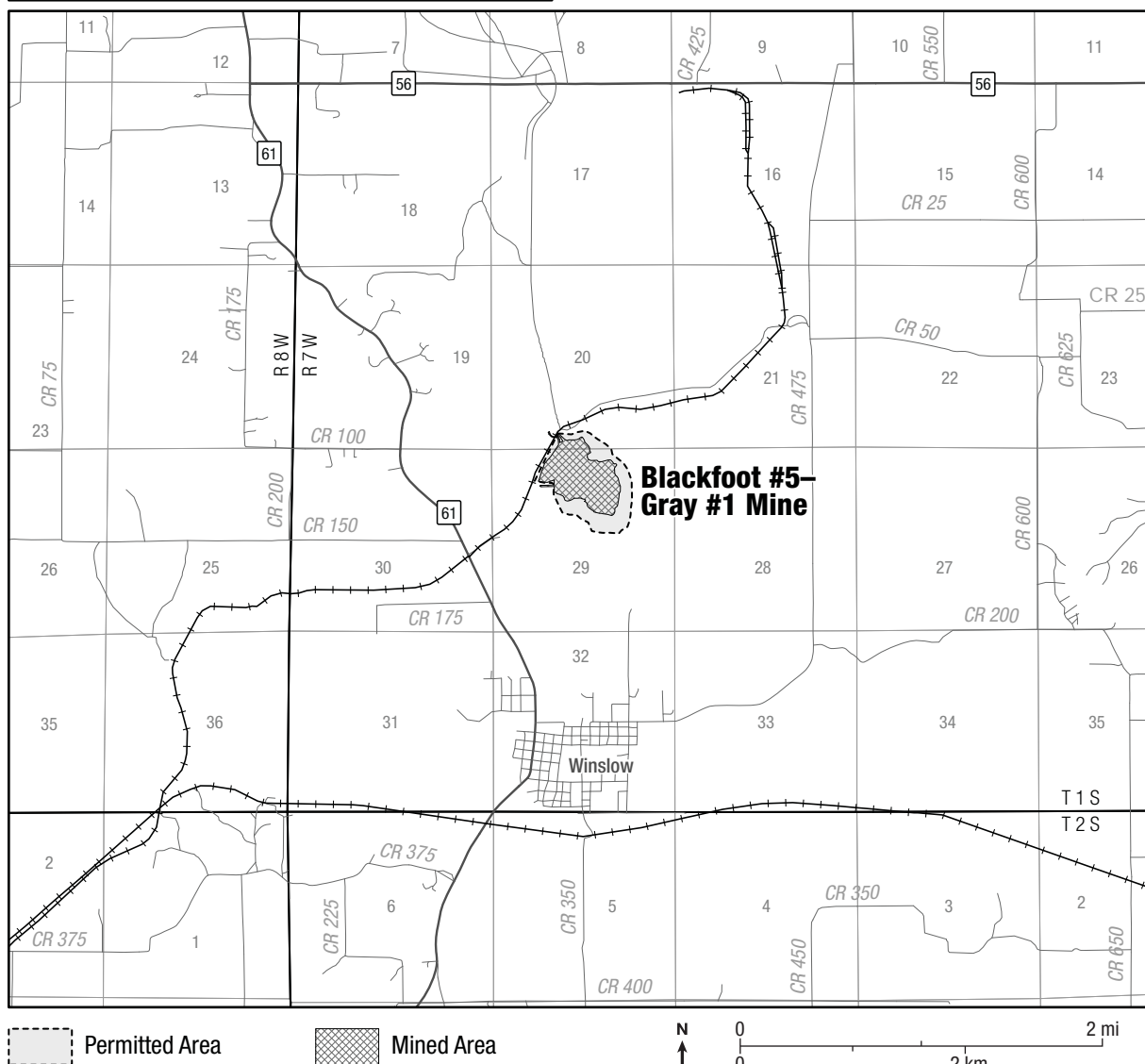
## MINE LOCATION INFORMATION

County: Pike

## Quadrangle: Winslow

**Currently Active Area:**  
T. 1 S., R. 7 W., sec. 20, 29

**General Location:**  
1.5 miles north of Winslow



# Pike County

Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Cardinal Mine

---

Owned & Operated by:	United Minerals Company, LLC
Mine Type:	Surface Mine
Start Year:	2012
2012 Status:	Active
Coals Mined:	Danville, Hymera, Bucktown, Springfield
DOR Permit No:	S-365

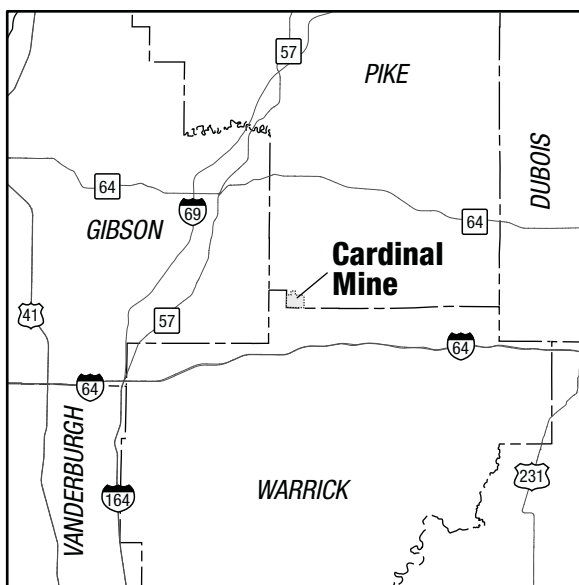
## CONTACT INFORMATION

Mine Contact Person: Steve Tempel, Mine Superintendent	Mailing Address: 409 Van Buren St. P.O. Box 400 Huntingburg, IN 47542
Telephone: (812) 683-5024	FAX: (812) 683-5049

## ADDITIONAL INFORMATION

Coal is heavy-media washed at the Somerville North Mine and hauled by truck.

# Cardinal Mine



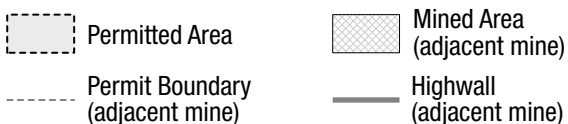
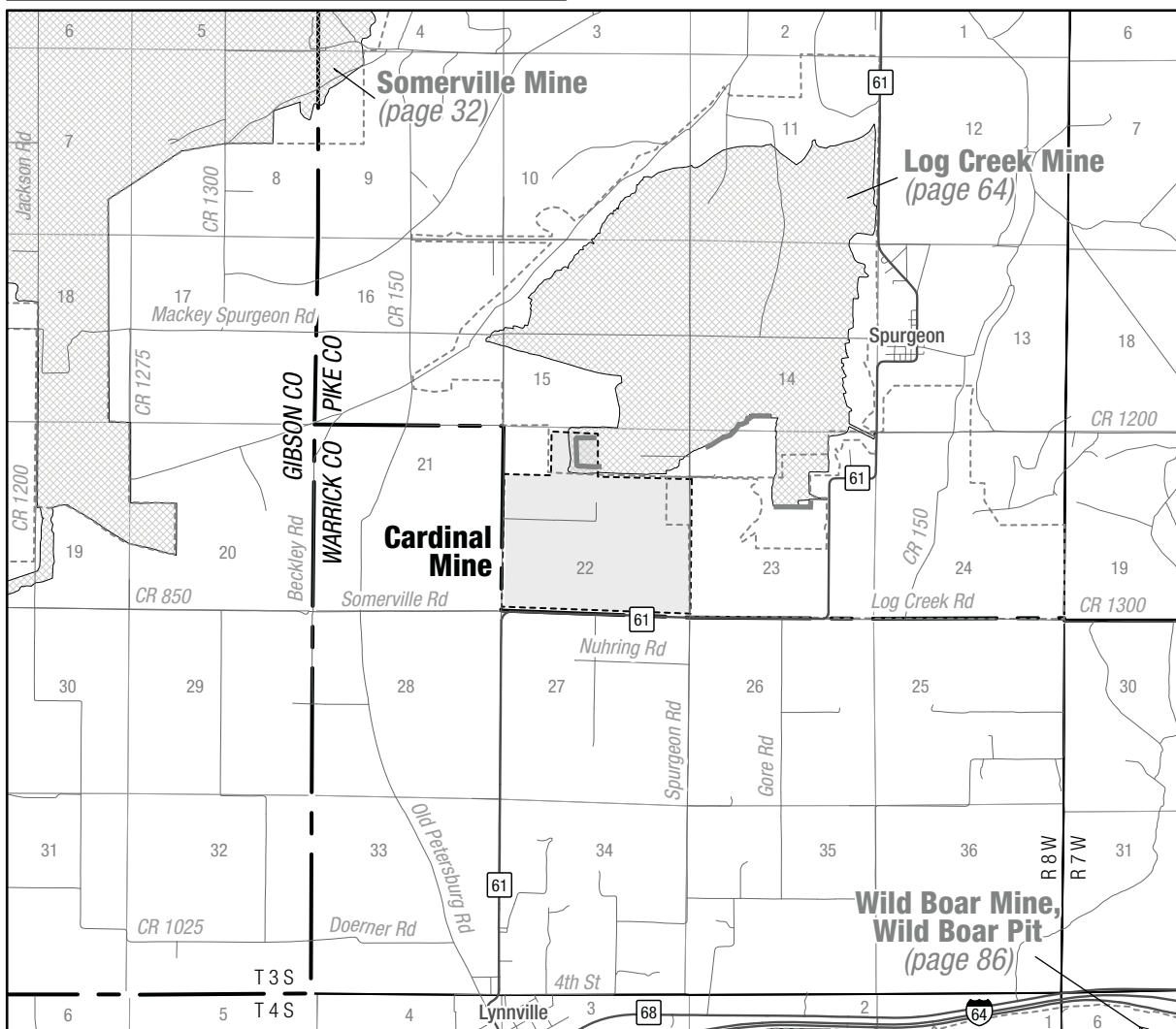
## MINE LOCATION INFORMATION

County: Pike

Quadrangle: Lynnville

Currently Active Area:  
T. 3 S., R. 8 W., sec. 22

General Location:  
2 miles north of Lynnville



Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Hilsmeyer Mine

---

Owned & Operated by:	Little Sandy Coal Company, Inc.
Mine Type:	Surface Mine
Start Year:	2012
2012 Status:	Permit Bonded
Coals Mined:	Survant, Seelyville
DOR Permit No:	S-356

## CONTACT INFORMATION

Mine Contact Person: Mark Saalman, Geologist	Mailing Address: P.O. Box 16 Lamar, IN 47550
Telephone: (812) 529-8211	FAX: (812) 529-8381

## ADDITIONAL INFORMATION

Part of the Hilsmeyer Mine is overlain by the Hilsmeyer #2 Mine that is owned by Sun Energy Group, LLC, and subcontracted by Jarvis Coal, LLC. The Hilsmeyer #2 Mine is currently active. The Survant is being mined at the Hilsmeyer #2 Mine. When that seam is mined out, Hilsmeyer #2 Mine will close and Hilsmeyer Mine will open to mine the Seelyville seam, and the Survant and Seelyville in the rest of the permitted area. They are planning to be active within 2 years, depending on the market. Part of Hilsmeyer Mine will extend into Dubois County. There is currently no activity at Hilsmeyer Mine. The contact information above is for the Little Sandy Coal Company's office.

Coal will be washed by an as yet undetermined method and transported by truck.



# Hilsmeyer Mine



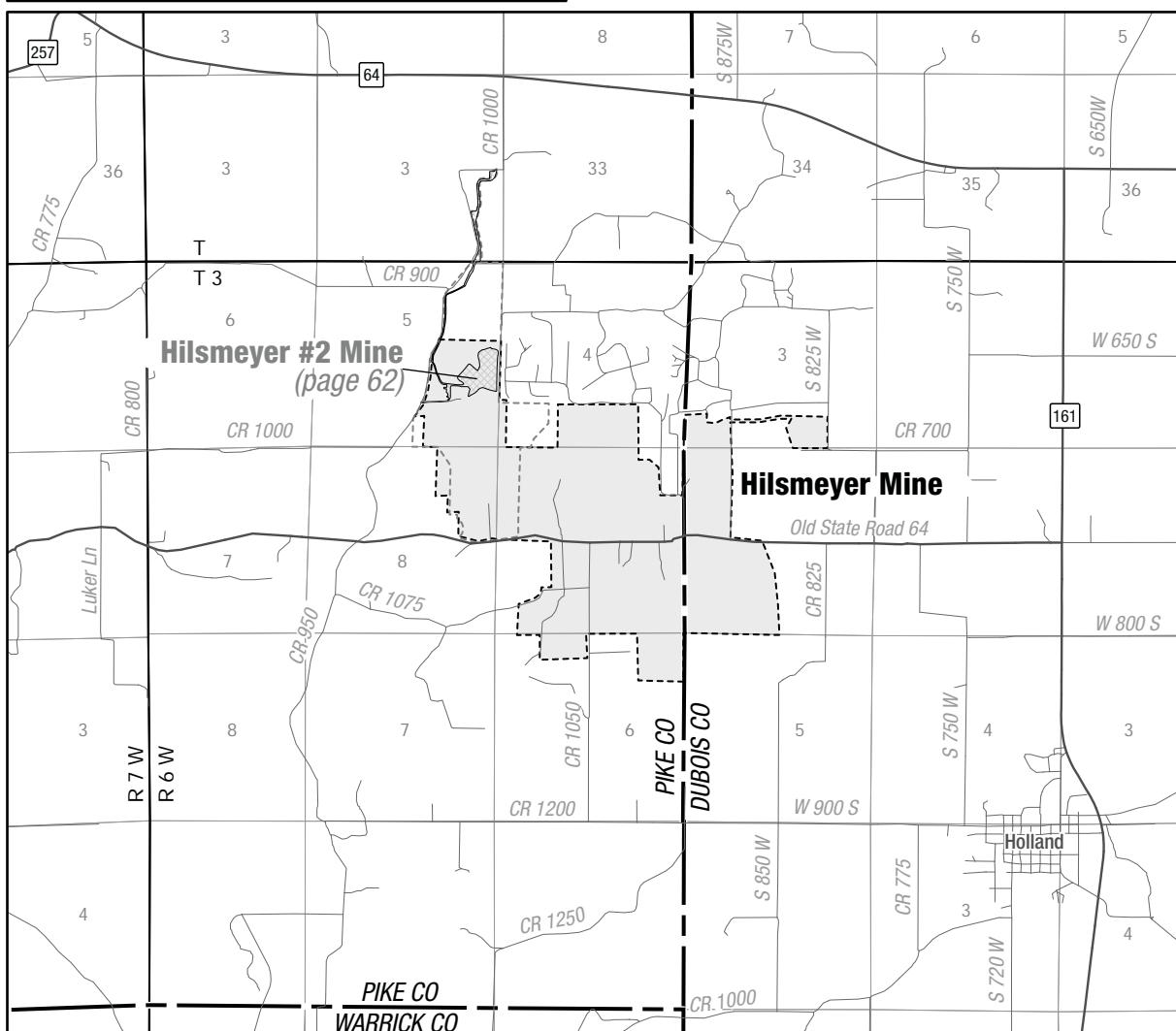
## MINE LOCATION INFORMATION



County: Pike

Quadrangle: Velpen

Currently Active Area:  
T. 3 S., R. 6 W., sec. 3, 4, 5, 8, 9, 10, 16

General Location:  
About 2 miles northwest of  
Holland (Dubois County)



 Permitted Area  
 Permit Boundary  
 (adjacent mine)

 Mined Area  
 (adjacent mine)

N  
 0 0 2 mi  
 0 2 km

Pike County

Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Hilsmeyer #2 Mine

---

Owned by: Sun Energy Group, LLC

Operated by: Jarvis Coal, LLC

Mine Type: Surface Mine

Start Year: 2011

2012 Status: Active

Coals Mined: Survant

DOR Permit No: S-367

## CONTACT INFORMATION

Mine Contact Person:	Mailing Address:
Dennis Jarvis, Owner	101 W. Main St.
(Jarvis Coal, LLC)	Jasonville, IN 47438
Chris Reynolds,	
Director of Operations	
Telephone:	FAX:
(812) 665-2000; (812) 239-9778	(812) 665-2002

## ADDITIONAL INFORMATION

The coal is not washed. It is transported by truck.

Mean Annual Production: 62,845 short tons

Total Production (2011): 62,845 short tons

Year	Employees	Production (short tons)
2011	37	62,845

# Hilsmeyer #2 Mine



## MINE LOCATION INFORMATION

County: Pike

Quadrangle: Velpen

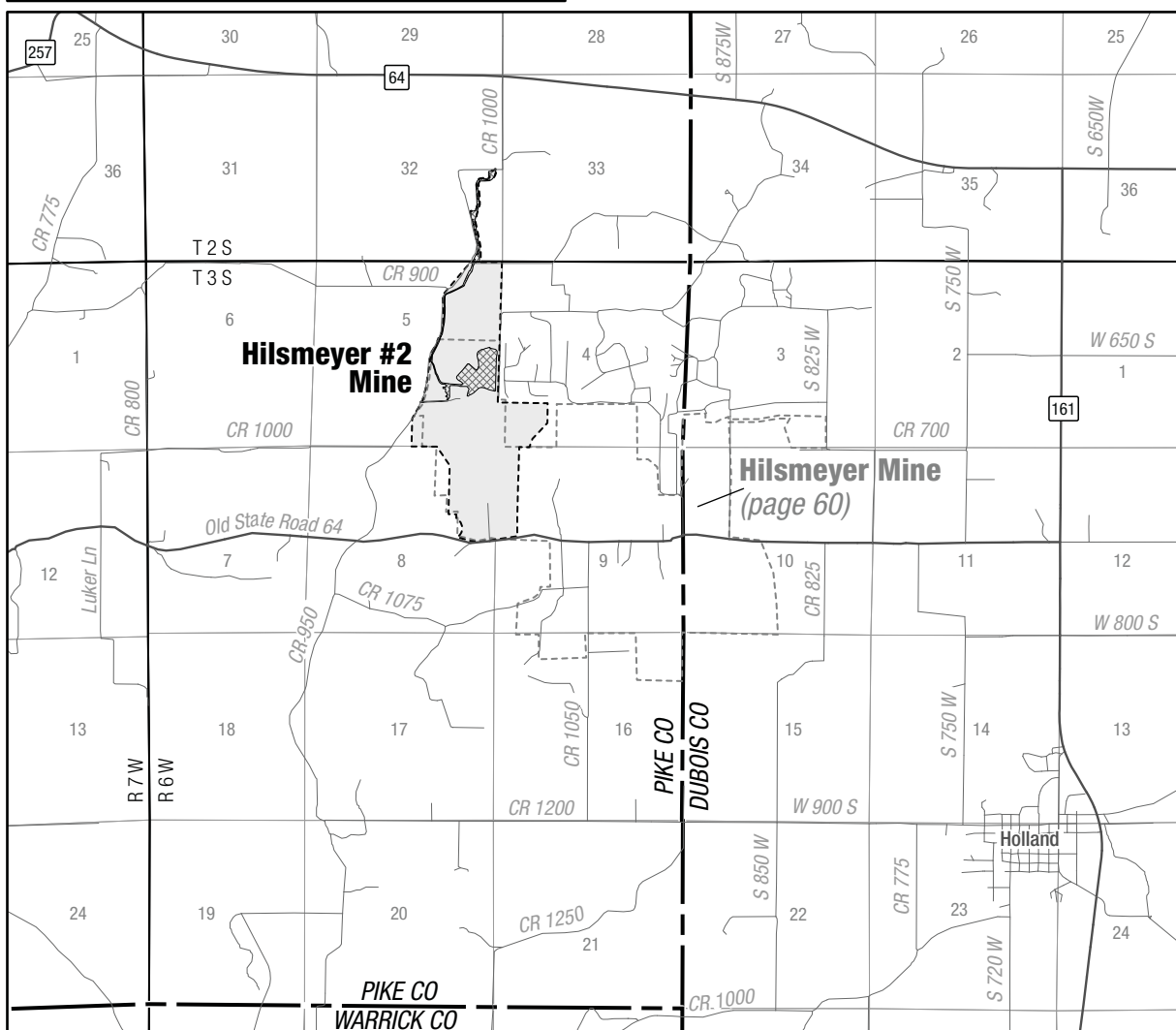
Currently Active Area:

T. 2 S., R. 6 W., sec. 32

T. 3 S., R. 6 W., sec. 4, 5, 8, 9

General Location:

About 3 miles northwest of  
Holland (Dubois County)



Permitted Area  
Permit Boundary  
(adjacent mine)

Mined Area

N  
0 2 mi  
0 2 km

Pike County

Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Log Creek Mine

Owned & Operated by: Triad Mining, Inc.  
 Mine Type: Surface Mine  
 Start Year: 1974  
 2012 Status: Active  
 Coals Mined: Danville, Hymera, Bucktown,  
 Springfield  
 DOR Permit No: S-032, S-368

## CONTACT INFORMATION

Mine Contact Person:  
 Scott Partenheimer, Land Dept.  
 Brent Boyle, Engineering  
 Jerry Ralph, Superintendent

Mailing Address:  
 1216 E. C.R. 900 S.  
 Oakland City, IN 47660

Telephone:  
 (812) 721-1299

FAX:  
 (812) 721-1167

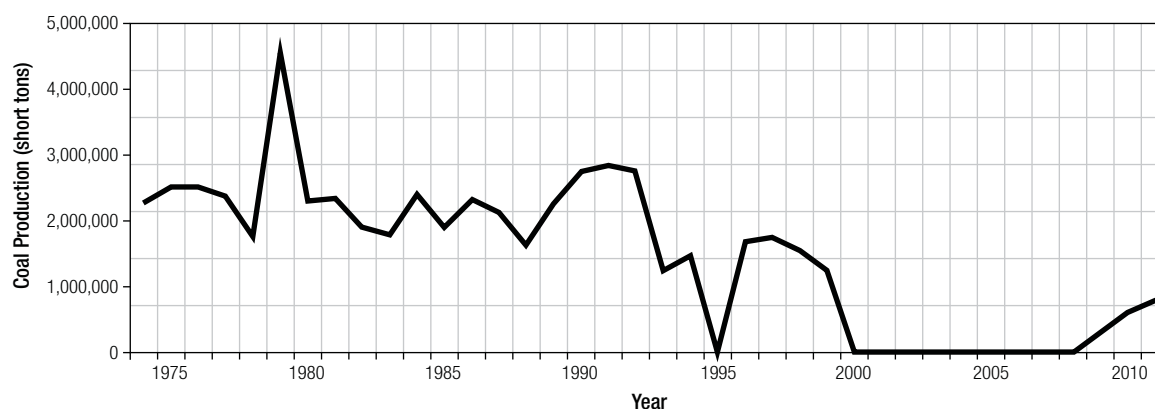
## ADDITIONAL INFORMATION

This mine consists of two active permits, S-032 and S-368. This mine was owned from 1974 until 1996 by the Old Ben Coal Company and operated as Old Ben #1 Mine. It was acquired in 1996 by Kindill Mining, Inc., and renamed Kindill #1. Kindill Mining was owned by Horizon Natural Resources and the mine was sold as part of Chapter 11 bankruptcy proceedings to Lexington Coal Company in 2004 and then to Indiana Land & Mineral Company in 2005 and renamed Pike #1. The mine was transferred to Triad Mining in 2006 and renamed Log Creek Mine. Rough Creek (permit S-368) is considered added acreage for the Log Creek surface mine. A Log Creek underground mine is planned, but will not be developed in 2013. Development of the underground mine will be market driven. You may also contact Jay Akes, geologist, at the Triad Mining, Inc., Freelandville office, (812) 328-2117, about this mine.

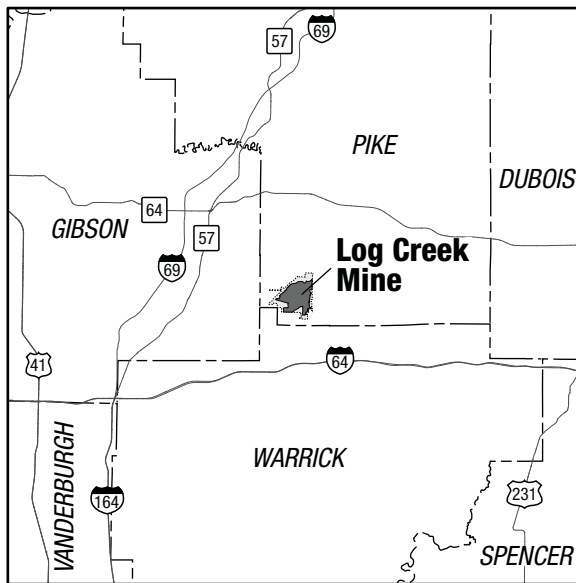
Coal is heavy-media washed at the mine. Coal is transported by Norfolk Southern Railway Company and by truck.

Mean Annual Production: 2,003,818 short tons  
 Total Production (1974–2011): 56,106,905 short tons

Year	Employees	Production (short tons)
2011	56	797,692
2010	50	614,758
2009	29	319,002
2008	12	0
2007	0	0
2006	0	0
2005	4	0
2004	4	0
2003	3	0
2002	5	0
2001	5	0
2000	10	0
1999	N/A	1,255,893
1998	N/A	1,552,604
1997	N/A	1,758,614
1996	N/A	1,691,313
1995	N/A	N/A
1994	195	1,480,000
1993	233	1,240,000
1992	255	2,761,494
1991	270	2,838,313
1990	307	2,744,219
1989	292	2,271,033
1988	232	1,638,444
1987	326	2,132,827
1986	338	2,319,182
1985	N/A	1,901,298
1984	N/A	2,402,727
1983	N/A	1,785,520
1982	N/A	1,912,907
1981	N/A	2,346,889
1980	N/A	2,292,285
1979	N/A	4,570,938
1978	N/A	1,760,608
1977	N/A	2,388,214
1976	N/A	2,527,295
1975	N/A	2,520,546
1974	N/A	2,282,290



# Log Creek Mine



## MINE LOCATION INFORMATION

County: Pike

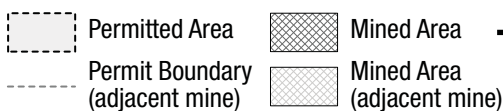
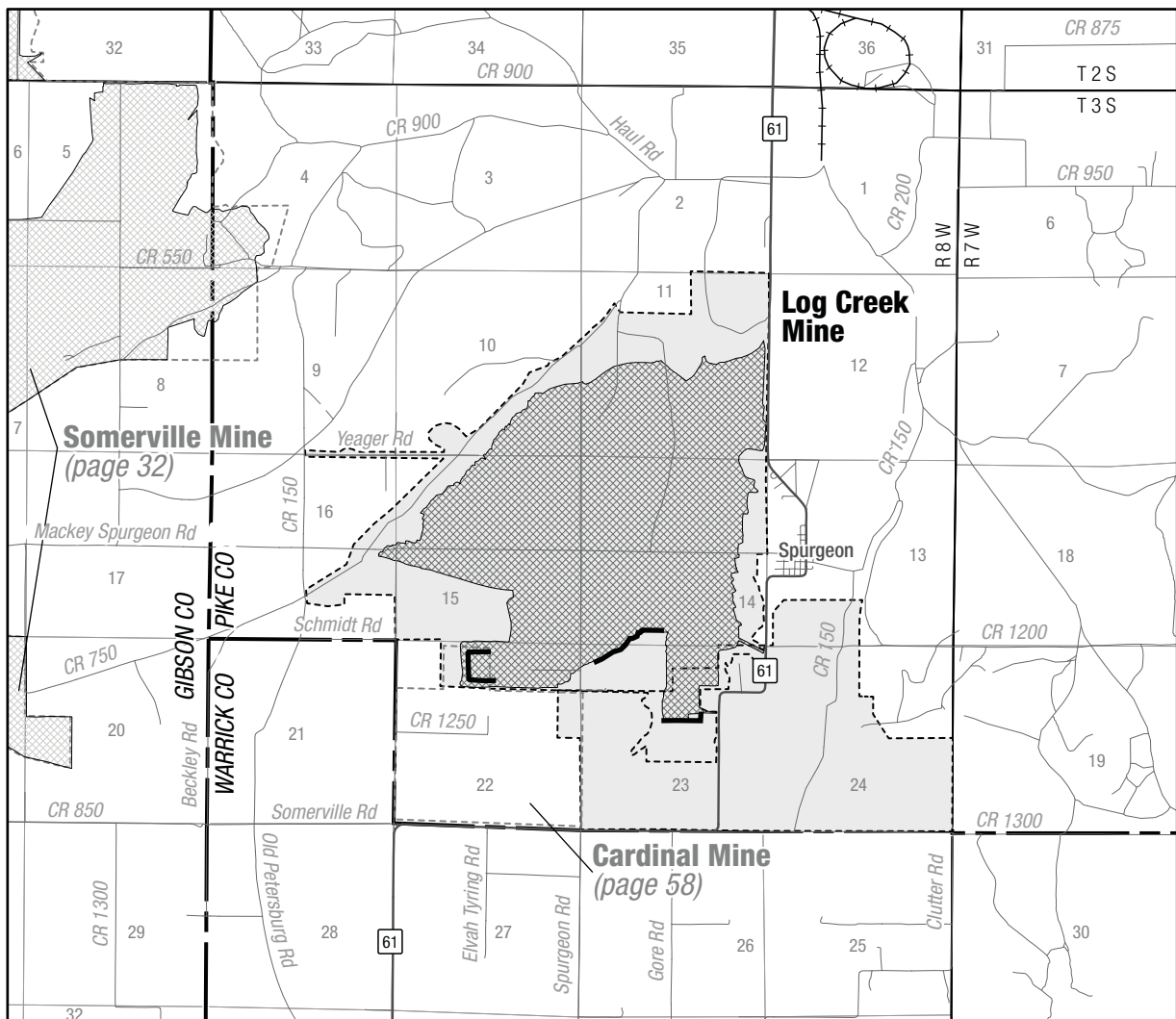
Quadrangles: Lynnville, Oakland City

Currently Active Area:

T. 3 S., R. 8 W., sec. 9–11, 13, 14–16, 22–24

General Location:

Immediately west of Spurgeon



Highwall



0

0

2 km

2 mi

Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Prosperity Mine

Owned & Operated by: Five Star Mining, Inc.

Mine Type: Underground Mine  
slope entrance

Start Year: 2000

2012 Status: Active

Coals Mined: Springfield

DOR Permit No: U-025

## CONTACT INFORMATION

Mine Contact Person: Tim Kerr, Geologist

Mailing Address: 6594 W. S.R. 56  
Petersburg, IN 47567

Telephone: (812) 354-6883

FAX: (812) 354-1286

## ADDITIONAL INFORMATION

This mine extends into Pike, Gibson, and Knox Counties.

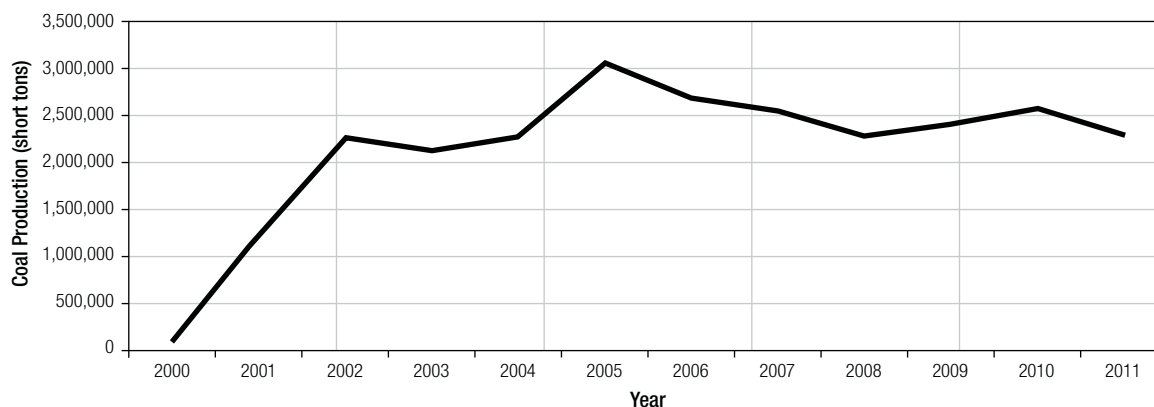
Coal is heavy-media washed at the mine and transported by rail and truck. There is a company spur to CSX Transportation, Inc.

Pike County

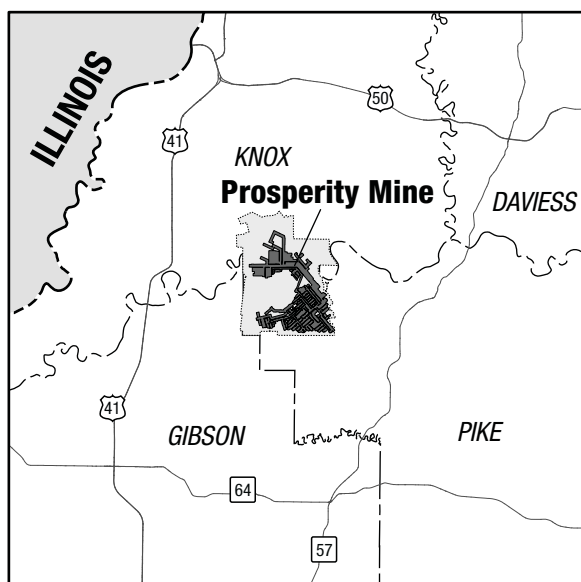
Mean Annual Production: 2,153,080 short tons

Total Production (2000–2011): 25,836,955 short tons

Year	Employees	Production (short tons)
2011	353	2,300,015
2010	368	2,569,526
2009	395	2,410,619
2008	382	2,279,980
2007	355	2,543,945
2006	318	2,686,502
2005	273	3,054,925
2004	258	2,276,388
2003	239	2,128,737
2002	239	2,266,468
2001	175	1,224,062
2000	42	95,787



# Prosperity Mine



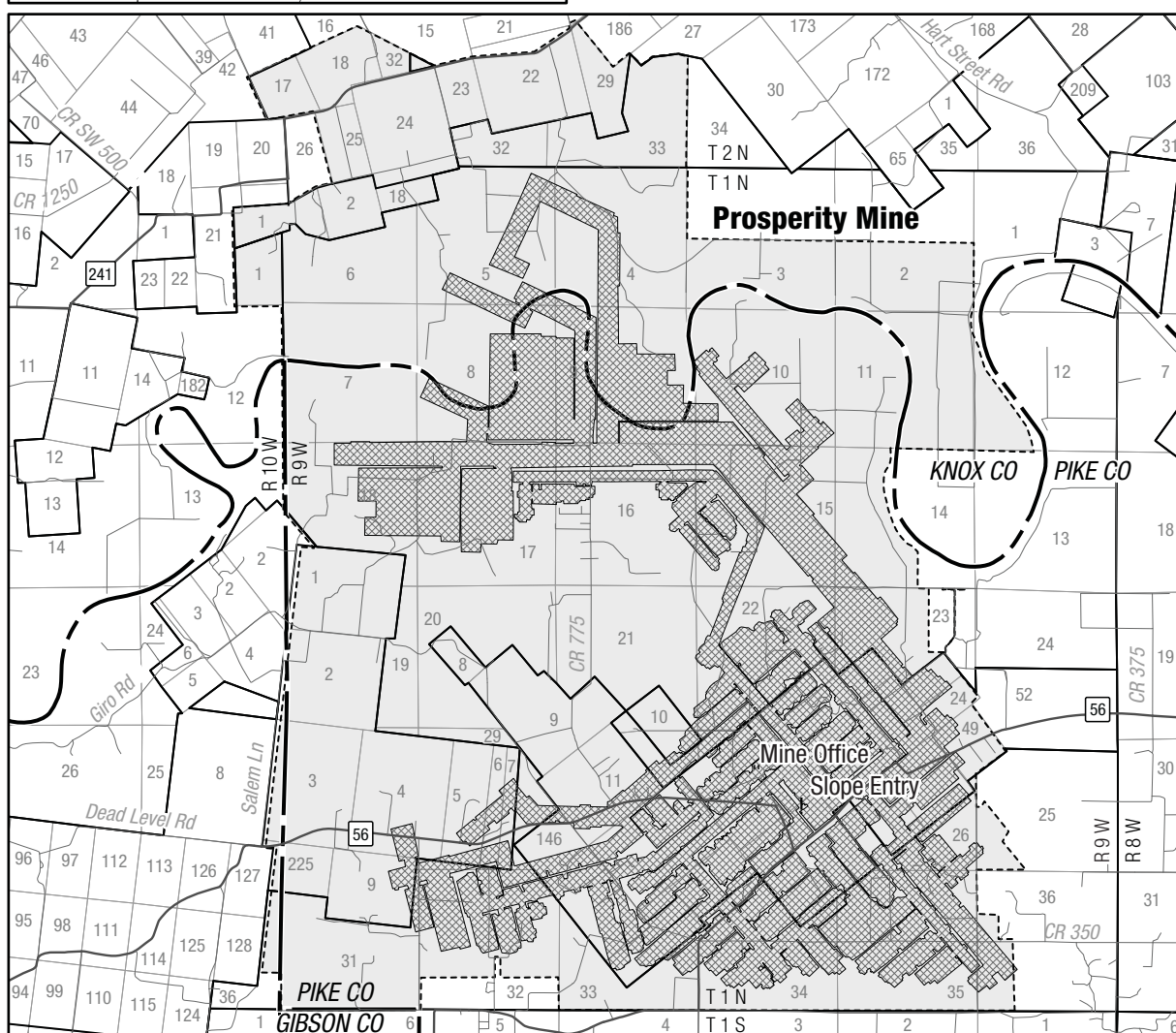
## MINE LOCATION INFORMATION

County: Pike

Quadrangles: Iona, Monroe City, Petersburg, Union

Currently Active Area:  
T. 1 N., R. 9 W., sec. 17, 22, 23, 26, 27, 28, 35, 36

General Location:  
5 miles west of Petersburg



Permitted Area

Mined Area

N 0 2 mi  
0 2 km

Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.



# Sullivan County Overview



Index map of Indiana showing the location of Sullivan County in black and the Pennsylvanian System in gray.

## Actively Permitted Mines

- 1 Bear Run Mine (p. 70–71)
- é Carlisle Mine (p. 72–73)

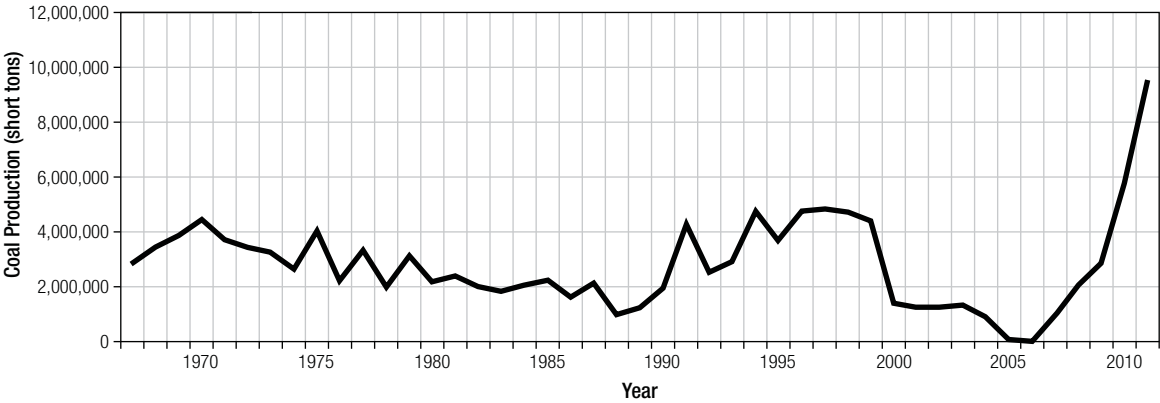
## Coal Seams Mined in Sullivan County

Danville, Hymera, Springfield  
(See Figure 4 on p. 7 for a stratigraphic chart.)

Year	Production (short tons)
2011	9,534,814
2010	5,783,013
2009	2,863,747
2008	2,053,564
2007	972,477
2006	29,852
2005	59,897
2004	902,926
2003	1,361,059
2002	1,252,291
2001	1,255,866
2000	1,412,823
1999	4,406,091
1998	4,726,332
1997	4,854,290
1996	4,775,827
1995	3,680,359
1994	4,778,372
1993	2,932,884
1992	2,529,714
1991	4,320,072
1990	1,960,823
1989	1,245,663

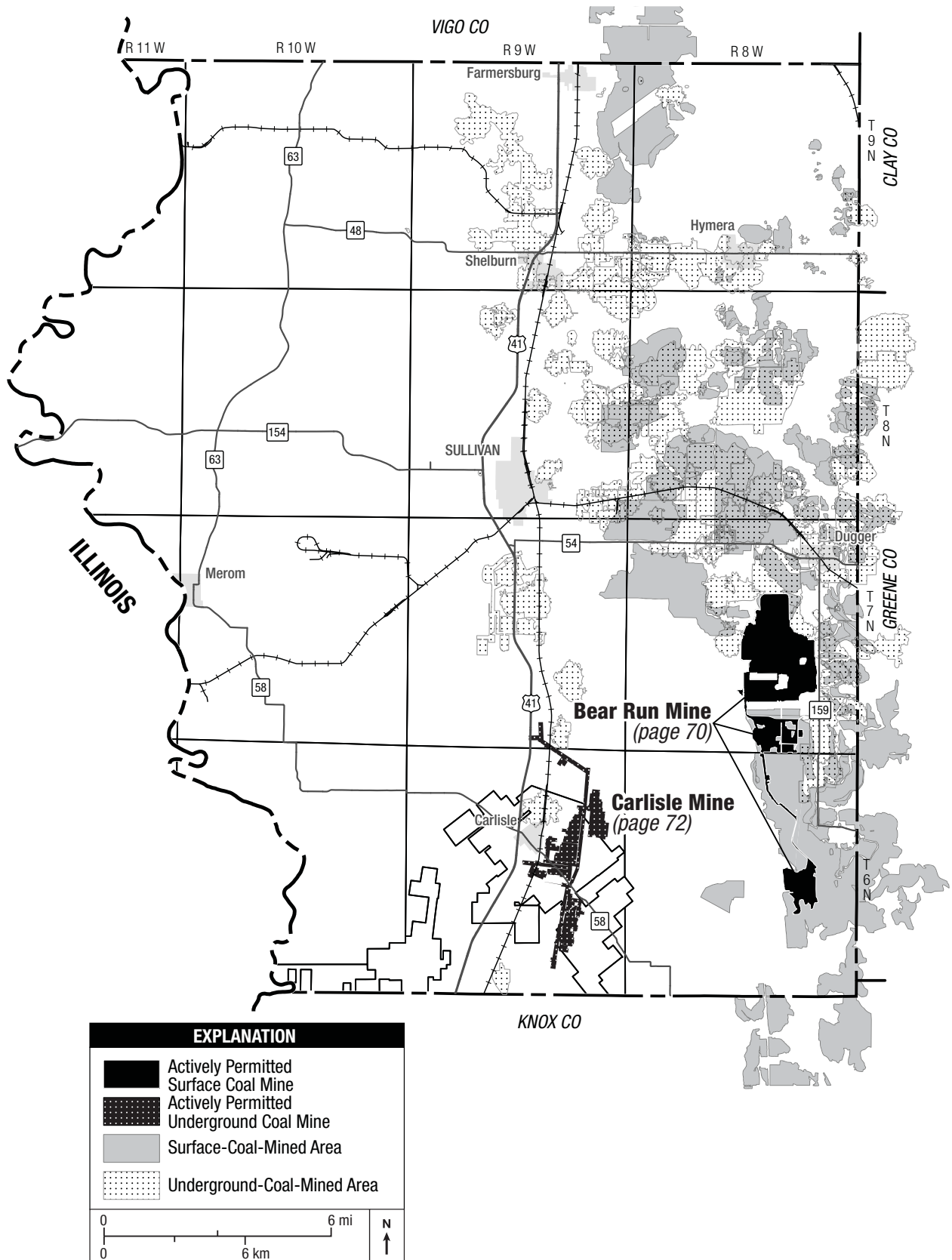
Year	Production (short tons)
1988	979,764
1987	2,149,867
1986	1,600,000
1985	2,231,603
1984	2,065,789
1983	1,837,297
1982	2,033,664
1981	2,407,366
1980	2,176,317
1979	3,137,945
1978	1,962,618
1977	3,357,502
1976	2,225,823
1975	4,019,376
1974	2,664,593
1973	3,245,906
1972	3,458,980
1971	3,731,807
1970	4,457,504
1969	3,878,850
1968	3,458,175
1967	2,845,138

Mean Annual Production: 2,835,970 short tons  
 Total Production (1967–2011): 127,618,640 short tons  
 Remaining Recoverable Coal: 3,676,612,000 short tons



Sullivan County

# Sullivan County Overview



# Bear Run Mine

Owned & Operated by: Peabody Midwest Mining, LLC

Mine Type: Surface Mine

Start Year: 1967

2012 Status: Active

Coals Mined: Danville, Hymera, Springfield

DOR Permit No: S-256, S-264

## CONTACT INFORMATION

Contact Person:  
Mark Sebree  
Operations Manager

Mailing Address:  
7255 E. C.R. 600 S.  
Carlisle, IN 47838

Telephone:  
(812) 659-7100

FAX:  
(812) 659-7121

## ADDITIONAL INFORMATION

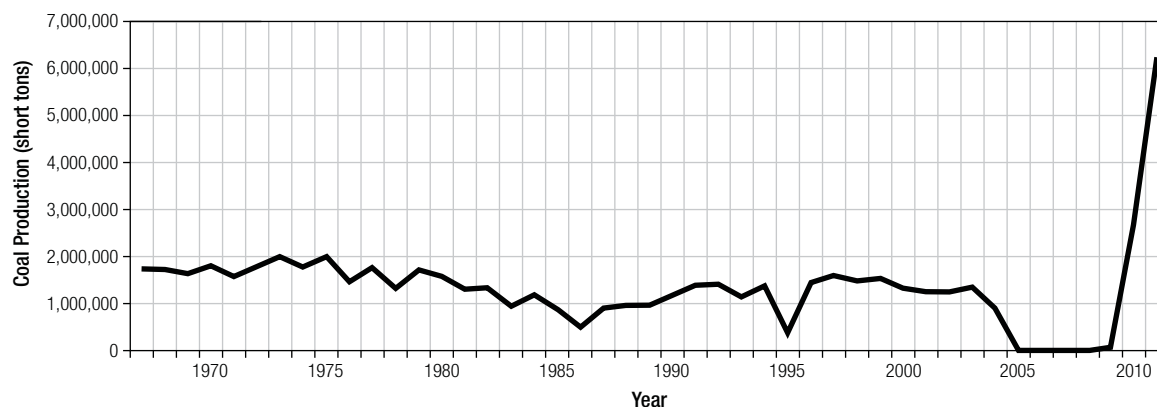
Peabody Coal Company operated part of this large mine complex as the Hawthorn Mine until 1998. Amax Coal Company also operated part of it as the Minnehaha Mine from 1991 to 1994. Parts were also owned from 1974 until 1996 by the Old Ben Coal Company as Old Ben #3 Mine. It was acquired in 1996 by Kindill Mining, Inc., and renamed Kindill #3 Mine. Kindill Mining was owned by Horizon Natural Resources and the mine was sold as part of Chapter 11 bankruptcy proceedings to Lexington Coal Company in 2004. That company transferred the mine to Black Beauty Coal Company in 2005 and it was renamed Farmersburg Mine, Bear Run East Pit. Because Farmersburg Mine is now closed, it is called Bear Run Mine. The S-256 and S-264 permits are both for the old Penndiana Pit. The S-264 permit is for a haul road and no coal has been extracted from it.

Coal is heavy-media washed at the mine. Coal is transported by the Indiana Rail Road Company.

Mean Annual Production: 1,491,496 short tons

Total Production (1967–2011): 61,151,353 short tons

Year	Employees	Production (short tons)
2011	514	6,227,317
2010	300	2,714,752
2009	N/A	67,302
2008	0	0
2007	0	0
2006	5	0
2005	2	0
2004	108	902,926
2003	116	1,361,059
2002	119	1,252,291
2001	116	1,255,866
2000	111	1,330,530
1999	94	1,542,091
1998	N/A	1,500,000
1997	N/A	1,598,935
1996	N/A	1,458,134
1995	31	385,000
1994	137	1,382,637
1993	129	1,140,023
1992	175	1,413,916
1991	230	1,400,000
1990	206	1,178,808
1989	161	971,109
1988	159	964,607
1987	138	909,867
1986	110	500,000
1985	N/A	881,414
1984	N/A	1,190,789
1983	N/A	950,494
1982	N/A	1,338,657
1981	N/A	1,321,174
1980	N/A	1,600,000
1979	N/A	1,724,396
1978	N/A	1,317,932
1977	N/A	1,773,183
1976	N/A	1,461,350
1975	N/A	2,013,378
1974	N/A	1,790,163
1973	N/A	2,011,682
1972	N/A	1,808,297
1971	N/A	1,583,973
1970	N/A	1,803,767
1969	N/A	1,645,781
1968	N/A	1,735,956
1967	152	1,741,797



# Bear Run Mine



## MINE LOCATION INFORMATION

County: Sullivan

Quadrangles: Bucktown, Dugger, Linton

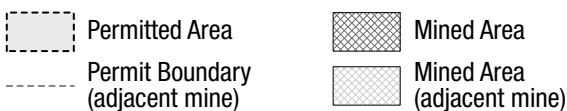
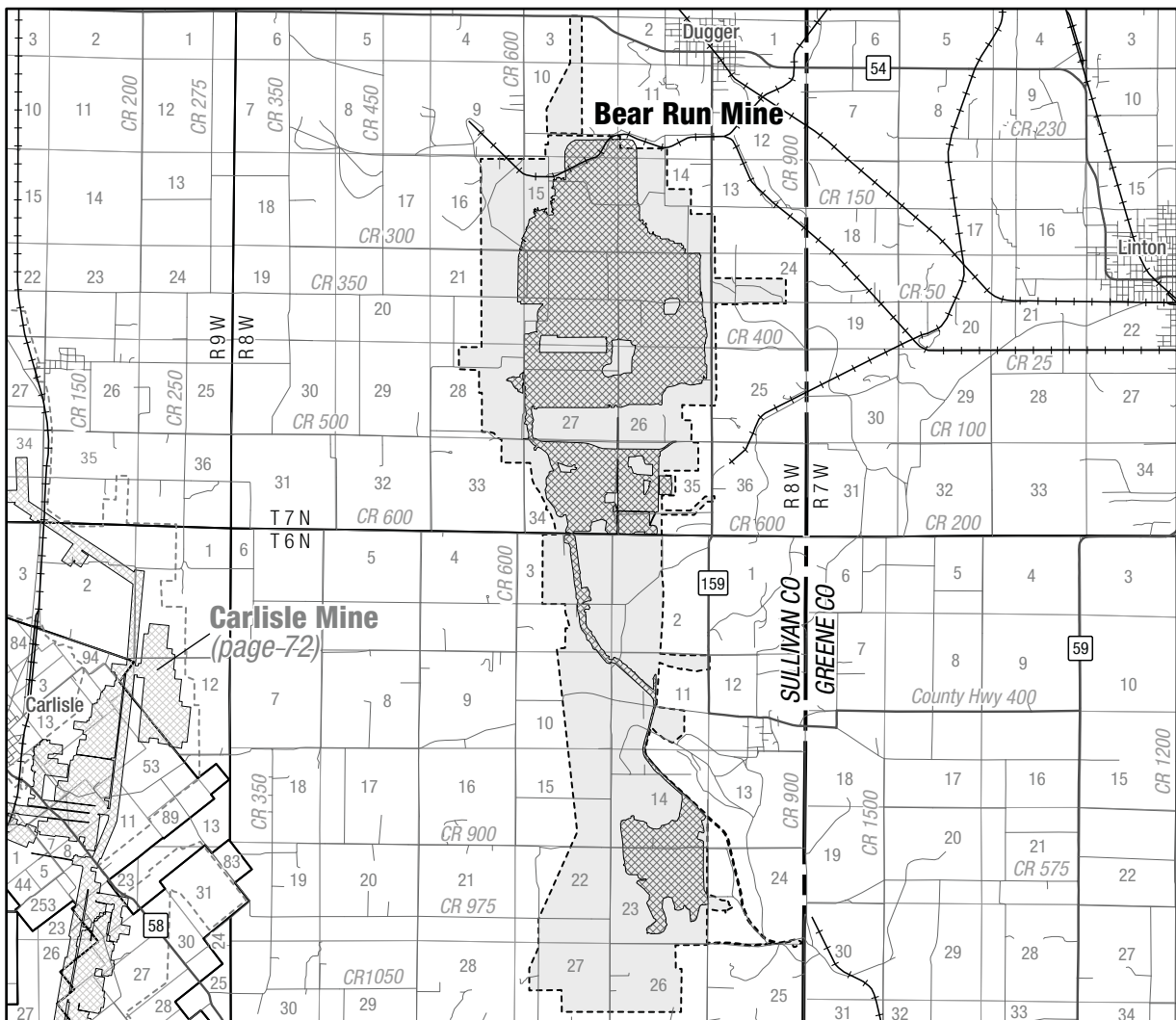
### Currently Active Area:

T. 6 N., R. 8 W., sec. 2-5, 8-11, 14-17, 21-23, 26, 27

T. 7 N., R. 8 W., sec. 10, 11, 14-17, 20-23, 26-29, 32-35

### General Location:

Southwest of Dugger



Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Carlisle Mine

Owned & Operated by: Sunrise Coal Company, LLC

Mine Type: Underground Mine  
slope entrance

Start Year: 2007

2012 Status: Active

Coals Mined: Springfield

DOR Permit No: U-028

## CONTACT INFORMATION

Mine Contact Person: Jay Toney, Vice President  
of Future Operations  
Wayne Laswell, Superintendent

Mailing Address: 1466 E. S.R. 58  
Carlisle, IN 47838

Telephone: (812) 398-2200

FAX: (812) 398-2231

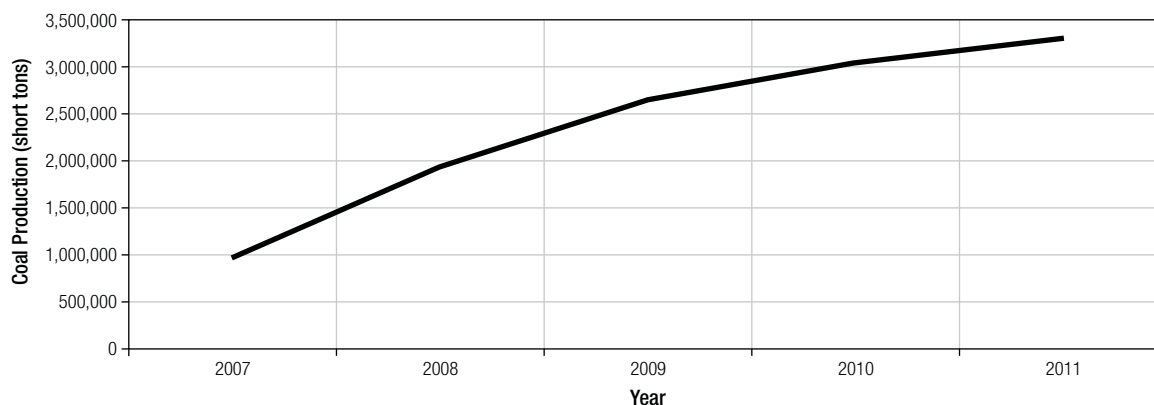
## ADDITIONAL INFORMATION

You may also contact Samuel T. Elder, Engineer, at the corporate office, (812) 894-3480, about this mine.

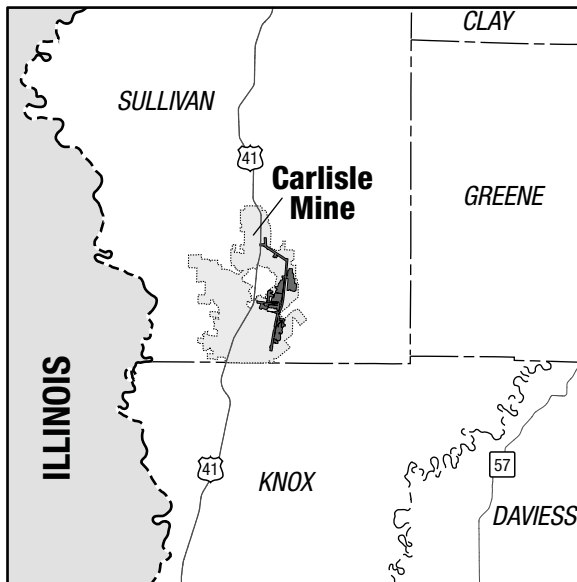
Coal is heavy-media washed at the mine. The company transports the coal by railroad and by truck. Most coal is transported by CSX Transportation, however, the Indiana Rail Road Company is also used.

Mean Annual Production: 2,382,709 short tons  
Total Production (2007–2011): 11,913,547 short tons

Year	Employees	Production (short tons)
2011	296	3,307,497
2010	291	3,049,272
2009	268	2,650,852
2008	172	1,933,449
2007	103	972,477



# Carlisle Mine



## MINE LOCATION INFORMATION

County: Sullivan

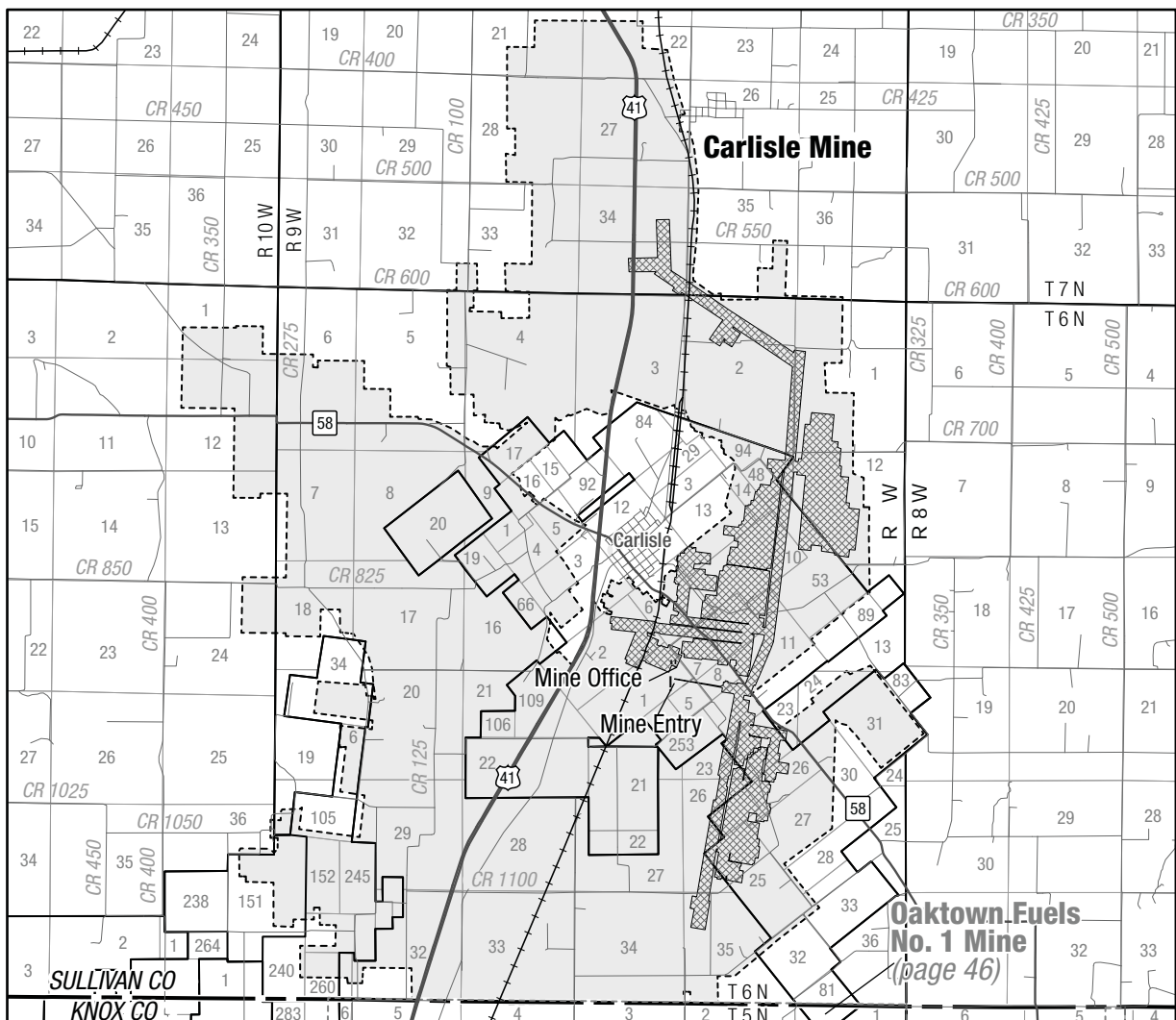
Quadrangles: Bucktown, Carlisle, Sullivan

### Currently Active Area:

T. 5 N., R. 10 W., sec. 1  
 T. 6 N., R. 8 W., sec. 13, 19  
 T. 6 N., R. 9 W., sec. 1–16, 18–22, 24, 28–32  
 T. 6 N., R. 10 W., sec. 12, 13, 24, 36  
 T. 7 N., R. 9 W., sec. 21, 22, 26–28, 32–35

### General Location:

At Carlisle



Permitted Area  
 Permit Boundary  
 (adjacent mine)

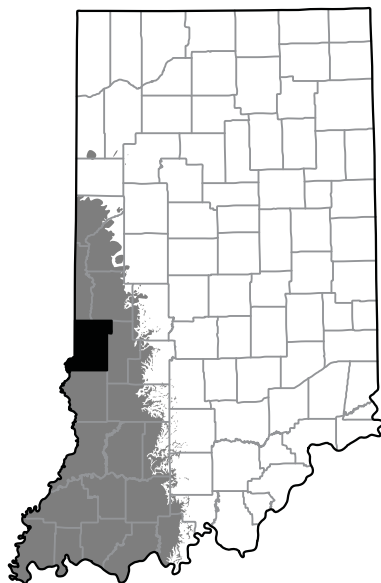
Mined Area

N  
 0 2 mi  
 0 2 km

Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.



# Vigo County Overview



Index map of Indiana showing the location of Vigo County in black and the Pennsylvanian System in gray.

## Actively Permitted Mines

1 Lewis Mine (p. 76–77 )

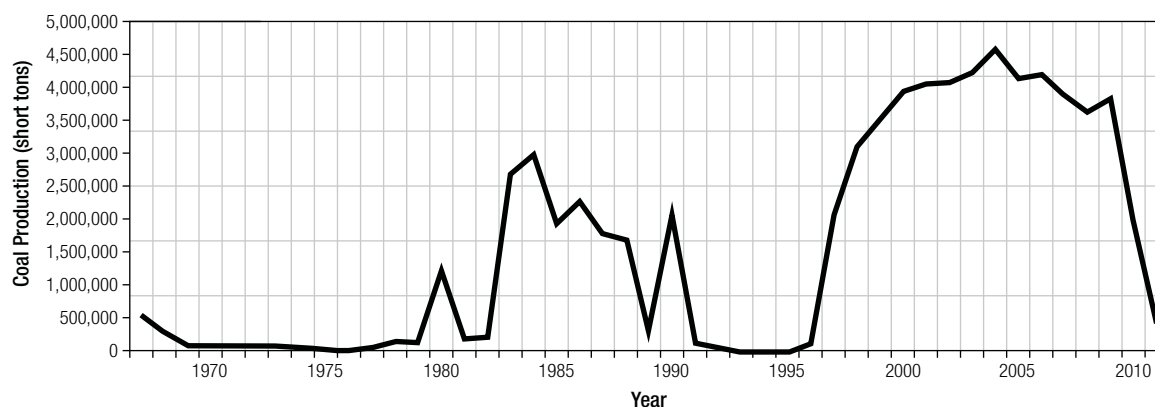
## Coal Seams Mined in Vigo County

Houchin Creek, Survant

(See Figure 4 on p. 7 for a stratigraphic chart.)

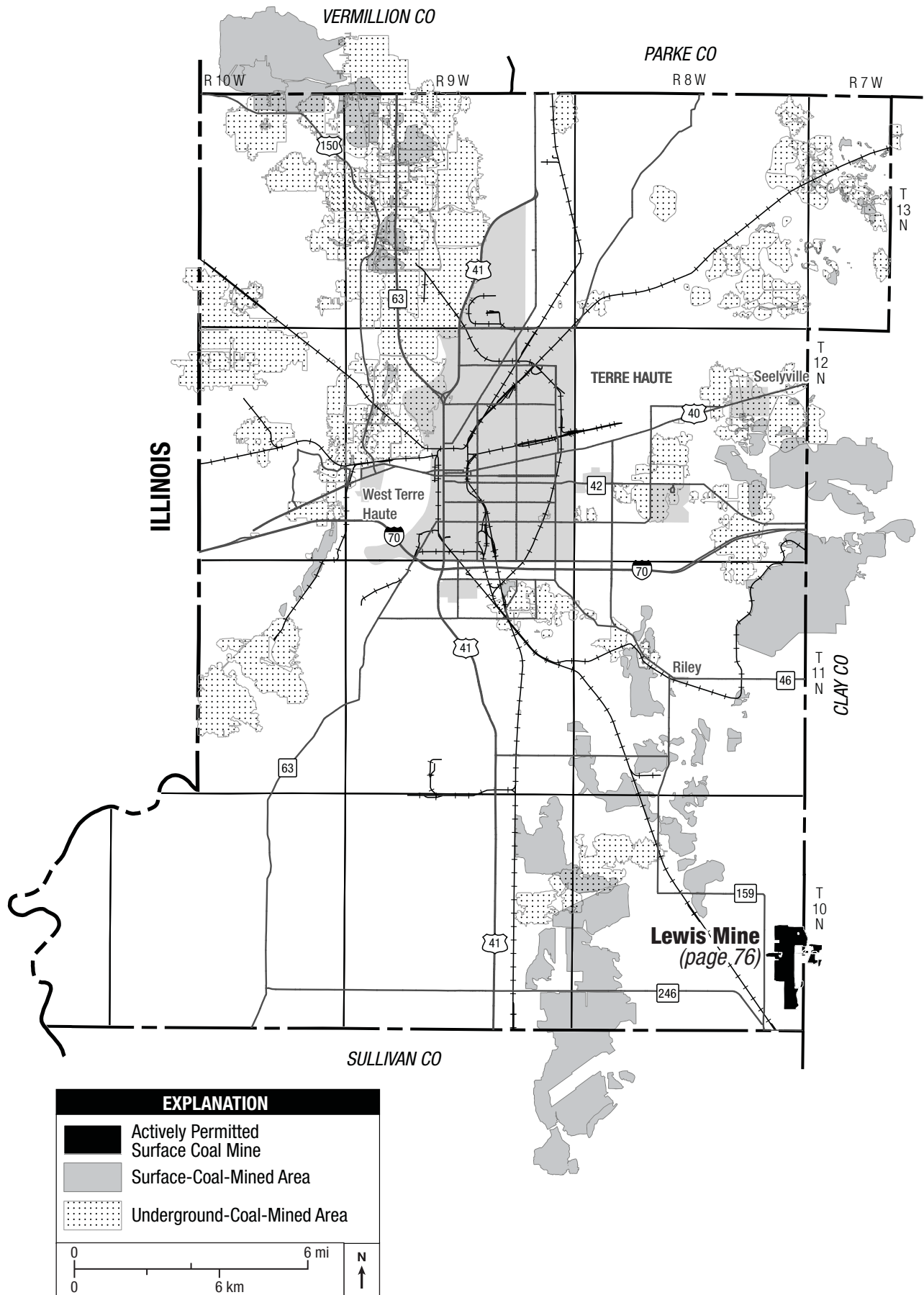
Year	Production (short tons)	Year	Production (short tons)
2011	444,688	1988	1,698,133
2010	1,958,817	1987	1,790,508
2009	3,842,009	1986	2,295,000
2008	3,633,732	1985	1,935,345
2007	3,370,382	1984	2,992,926
2006	3,698,128	1983	2,687,288
2005	3,713,734	1982	223,664
2004	4,193,926	1981	193,419
2003	4,232,880	1980	1,262,243
2002	4,077,766	1979	137,420
2001	4,066,007	1978	153,399
2000	3,941,854	1977	69,428
1999	3,525,586	1976	26,200
1998	3,108,839	1975	33,668
1997	2,079,478	1974	64,099
1996	121,776	1973	82,307
1995	0	1972	85,105
1994	0	1971	82,585
1993	0	1970	82,051
1992	54,256	1969	87,414
1991	137,514	1968	296,901
1990	2,097,527	1967	560,318
1989	306,442		

Mean Annual Production: 1,697,874 short tons  
 Total Production (1967–2011): 71,310,698 short tons  
 Remaining Recoverable Coal: 1,645,492,000 short tons





# Vigo County Overview



# Lewis Mine

Owned & Operated by: Solar Sources, Inc.  
Mine Type: Surface Mine  
Start Year: 2001  
2012 Status: Idle/Temporary Cessation  
Coals Mined: Houchin Creek, Survant  
DOR Permit No: S-324

## CONTACT INFORMATION

Mine Contact Person:  
Matthew Atkinson, Vice President of Engineering and Development

Mailing Address:  
P.O. Box 7  
Petersburg, IN 47567

Telephone: (812) 354-8776  
FAX: (812) 354-3149

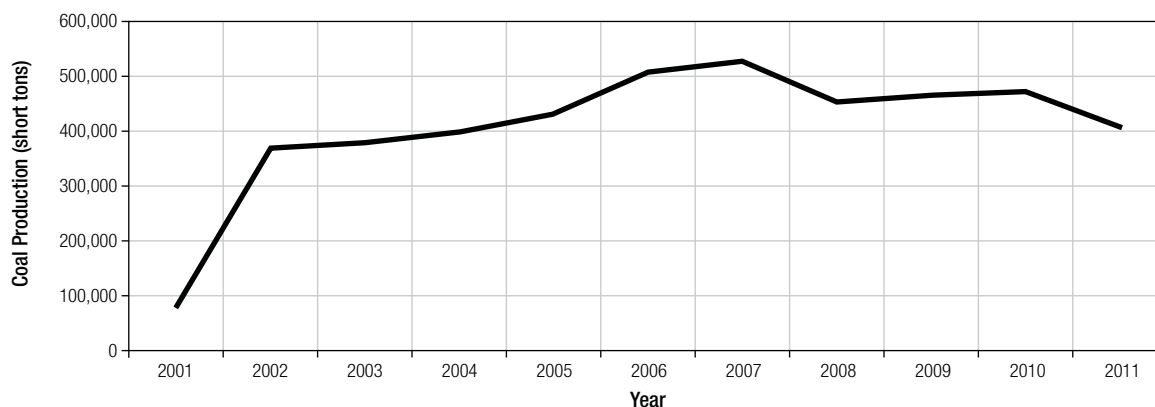
## ADDITIONAL INFORMATION

Permit extends into Clay County. This mine is inactive. The contact information is for the Solar Sources office in Petersburg.

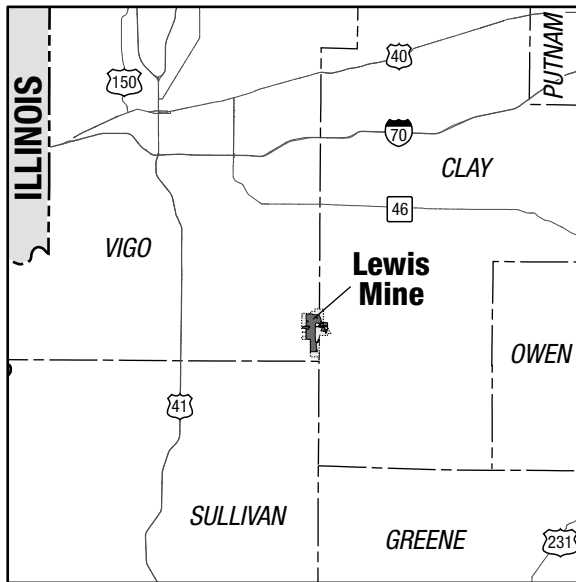
When active, coal is washed at a heavy-media plant located at the mine and is transported by truck.

Mean Annual Production: 408,649 short tons  
Total Production (2001–2011): 4,495,142 short tons

Year	Employees	Production (short tons)
2011	31	408,307
2010	30	472,516
2009	32	466,037
2008	32	453,057
2007	33	527,184
2006	32	508,082
2005	31	432,238
2004	30	398,432
2003	27	380,064
2002	24	370,055
2001	18	79,170



## Lewis Mine



## MINE LOCATION INFORMATION

County: Vigo

## Quadrangles: Lewis, Saline City

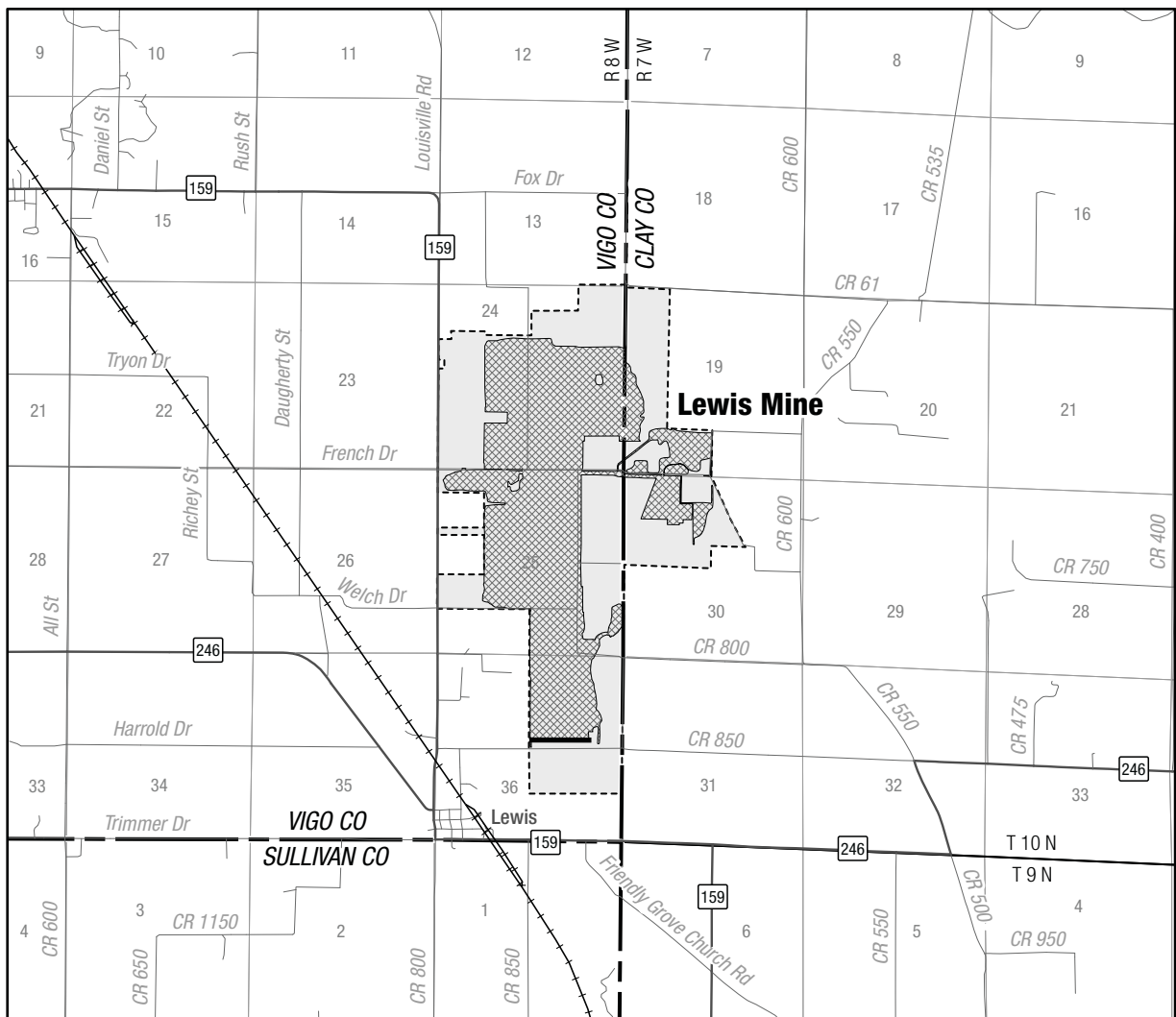
**Currently Active Area:**

T. 10 N., R. 7 W., sec. 19, 30

T. 10 N., R. 8 W., sec. 24, 25, 36

**General Location:**

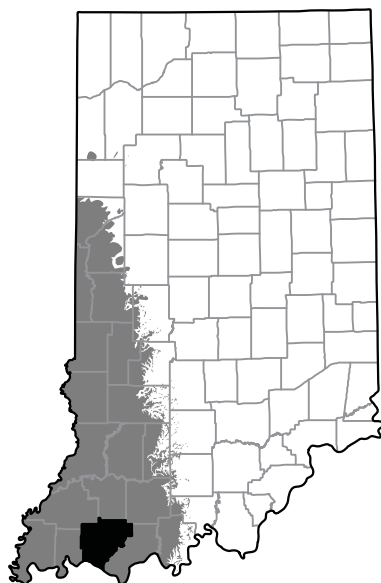
## Northeast of Lewis



 Permitted Area     Mined Area     Highwall

Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Warrick County Overview



Index map of Indiana showing the location of Warrick County in black and the Pennsylvanian System in gray.

## Actively Permitted Mines

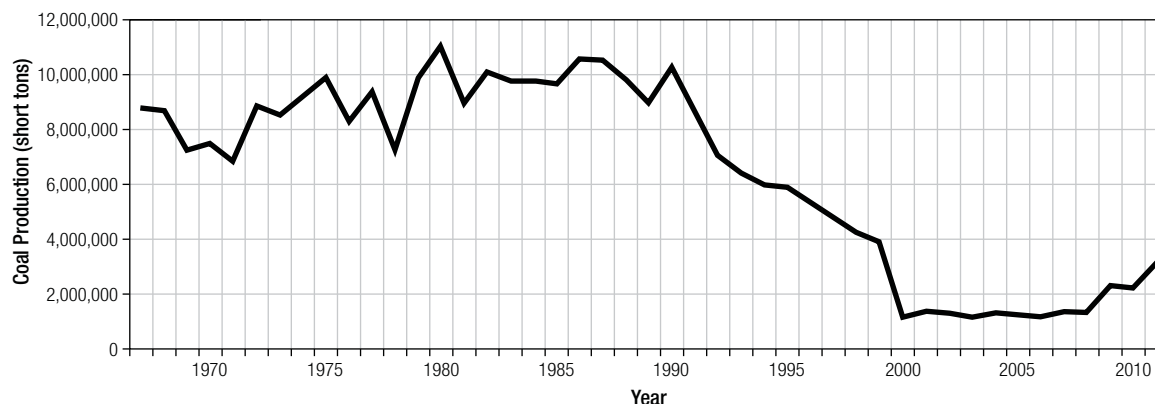
- ↳ Elites Mine (p. 80–81)
- ↳ Liberty Mine (p. 82–83)
- ↳ West 61 Mine (p. 84–85)
- ↳ Wild Boar Mine, Wild Boar Pit (p. 86–87)

## Coal Seams Mined in Warrick County

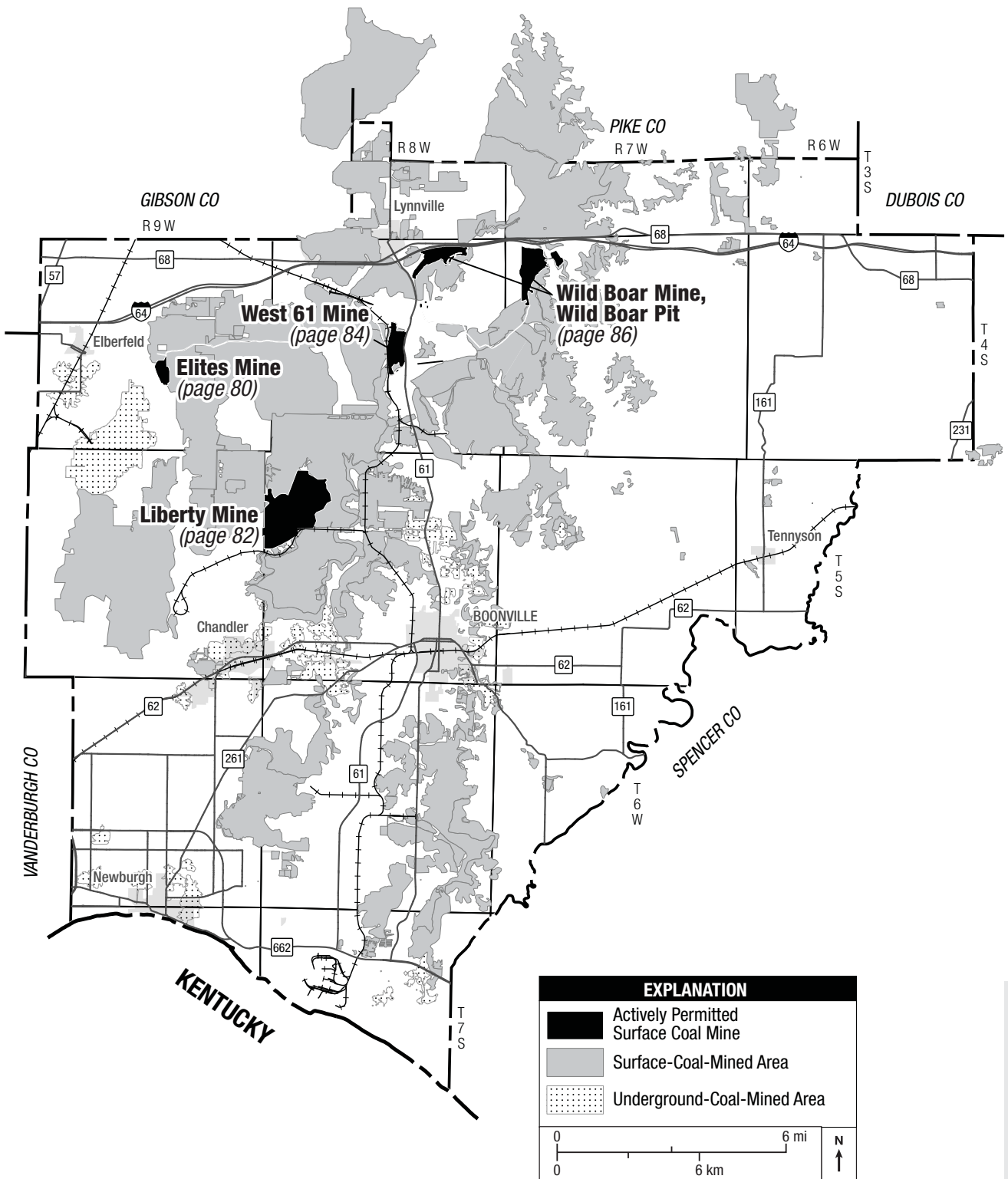
Danville, Hymera, Springfield  
(See Figure 4 on p. 7 for a stratigraphic chart.)

Year	Production (short tons)	Year	Production (short tons)
2011	3,180,116	1988	9,841,325
2010	2,208,607	1987	10,579,586
2009	2,338,898	1986	10,603,749
2008	1,321,803	1985	9,657,059
2007	1,370,399	1984	9,801,988
2006	1,161,501	1983	9,797,507
2005	1,256,030	1982	10,132,662
2004	1,273,799	1981	8,897,712
2003	1,162,588	1980	11,077,131
2002	1,328,213	1979	9,889,138
2001	1,384,129	1978	7,215,387
2000	1,114,525	1977	9,443,598
1999	3,920,060	1976	8,262,988
1998	4,275,261	1975	9,945,847
1997	4,810,042	1974	9,209,388
1996	5,406,431	1973	8,514,941
1995	5,930,939	1972	8,899,276
1994	5,996,519	1971	6,850,783
1993	6,436,694	1970	7,516,676
1992	7,039,449	1969	7,230,094
1991	8,722,848	1968	8,705,268
1990	10,332,941	1967	8,789,493
1989	8,960,697		

Mean Annual Production: 6,484,313 short tons  
 Total Production (1967–2011): 291,794,085 short tons  
 Remaining Recoverable Coal: 594,259,000 short tons



# Warrick County Overview



# Elites Mine

---

Owned & Operated by:	United Minerals Company, LLC
Mine Type:	Surface Mine
Start Year:	2012
2012 Status:	Active
Coals Mined:	Danville, Hymera
DOR Permit No:	S-320

## CONTACT INFORMATION

Mine Contact Person:  
Bill Gunn, Mining and Reclamation Specialist  
Rich Montgomery, Environmental Affairs Specialist

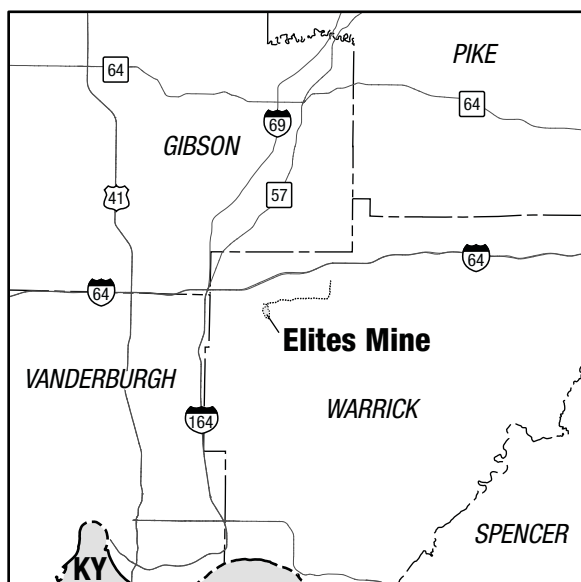
Mailing Address:  
409 Van Buren St.  
P.O. Box 400  
Huntingburg, IN 47542

Telephone:	FAX:
(812) 683-5024	(812) 683-5049

## ADDITIONAL INFORMATION

This mine permit was previously named Five Star #1 and owned by B.B. Mining, Inc. It was transferred and renamed on September 25, 2009. The contact information above is for United Minerals Company’s office in Huntingburg.

Coal is trucked to Wild Boar Mine for heavy-media washing. The coal is also transported by Norfolk Southern Railway Company.



## MINE LOCATION INFORMATION

County: Warrick

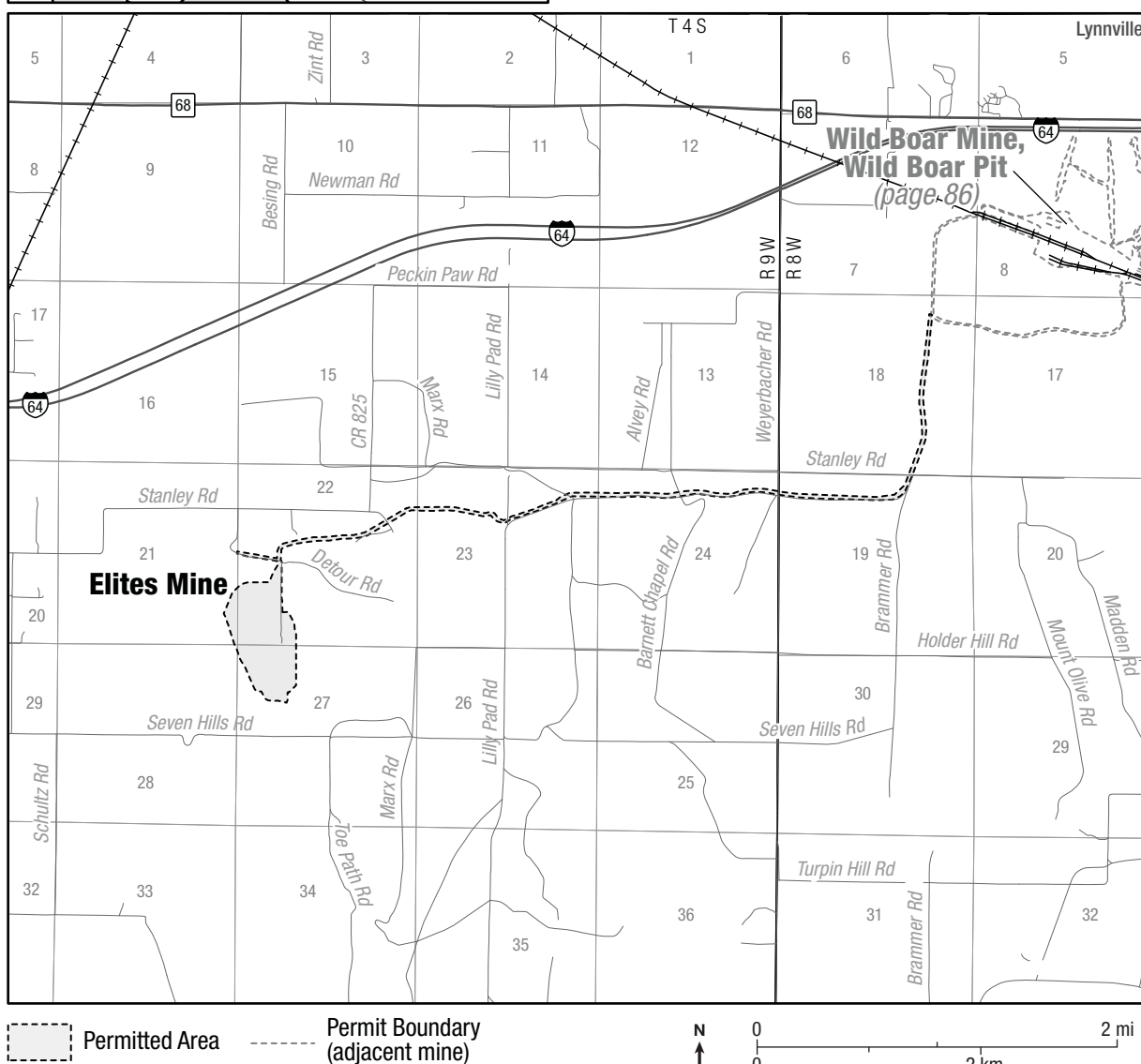
Quadrangle: Elberfeld

Currently Active Area:

T. 4 S., R. 9 W., sec. 21, 22, 27, 28

General Location:

4.5 miles southeast of Lynnville



Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.



# Liberty Mine

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Owned & Operated by:	Liberty Mine, LLC
Mine Type:	Surface Mine
Start Year:	2012
2012 Status:	Active
Coals Mined:	Hymera, Springfield
DOR Permit No:	S-366

## CONTACT INFORMATION

Mine Contact Person: Alex Messamore, Manager of Land Acquisition and Permits	Mailing Address: 528 Main St., Suite 202 Evansville, IN 47708
Telephone: (812) 759-8454	FAX: (812) 759-2625

## ADDITIONAL INFORMATION

Much of the coal will be for ALCOA's Warrick Operations. The permit area includes the former Peabody Midwest Mining's Squaw Creek Mine, which provided coal for ALCOA several years ago.

The coal is heavy-media washed at the mine. The company is transporting the coal by truck, but may transport by rail because there is access to Norfolk Southern Railway Company.

# Liberty Mine



## MINE LOCATION INFORMATION

County: Warrick

Quadrangle: Boonville

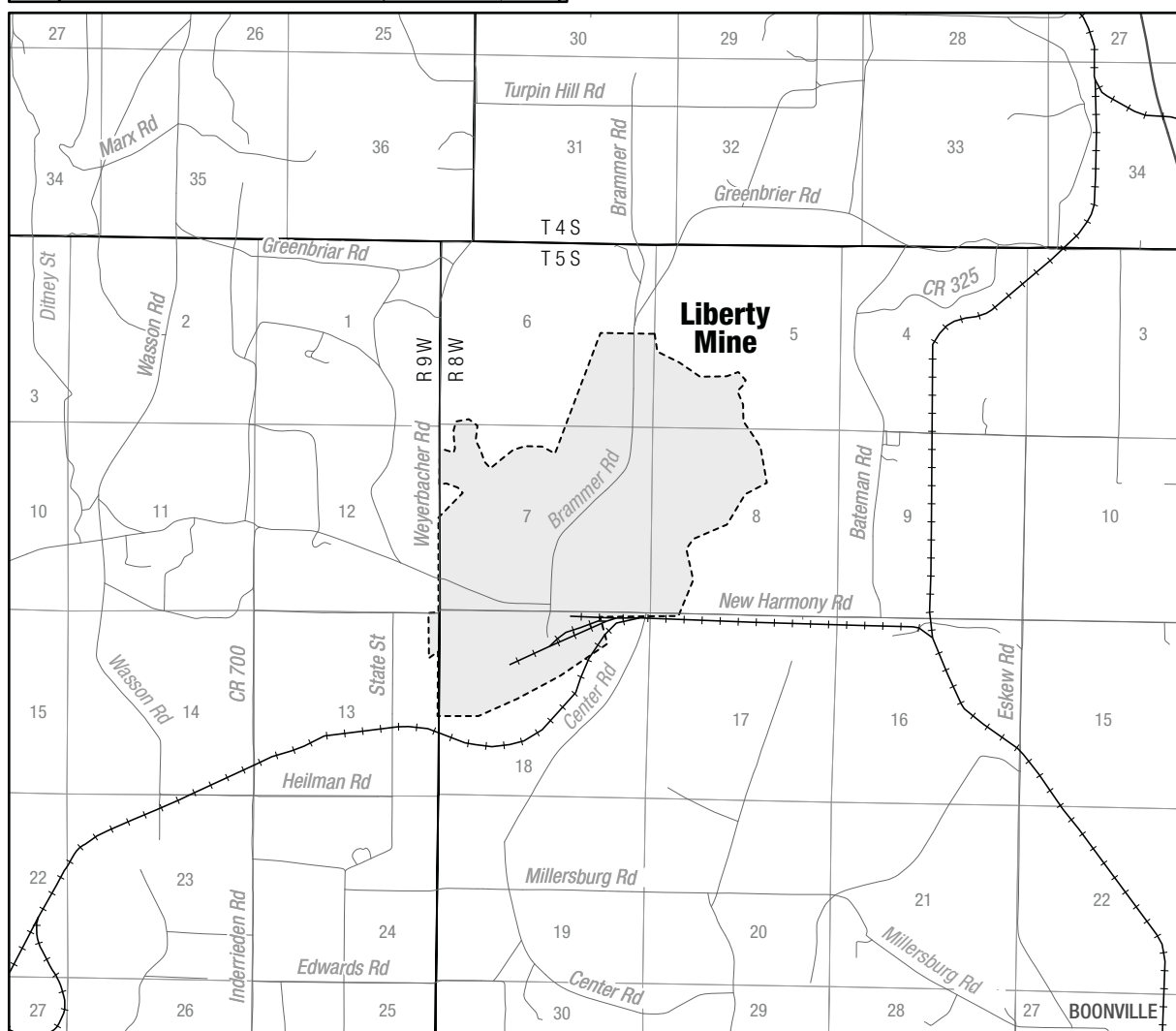
Currently Active Area:

T. 5 S., R. 8 W., sec. 5–8, 18

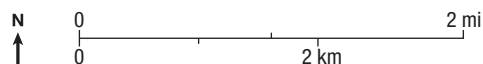
T. 5 S., R. 9 W., sec. 13

General Location:

3 miles northwest of Boonville



 Permitted Area



Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# West 61 Mine

Owned & Operated by: United Minerals Company, LLC

Mine Type: Surface Mine

Start Year: 2008

2012 Status: Idle/Temporary Cessation

Coals Mined: Danville, Hymera, Springfield

DOR Permit No: S-361

## CONTACT INFORMATION

Mine Contact Person:  
Bill Gunn, Mining and Reclamation Specialist  
Rich Montgomery, Environmental Affairs Specialist

Mailing Address:  
409 Van Buren St.  
P.O. Box 400  
Huntingburg, IN 47542

Telephone: (812) 683-5024      FAX: (812) 683-5049

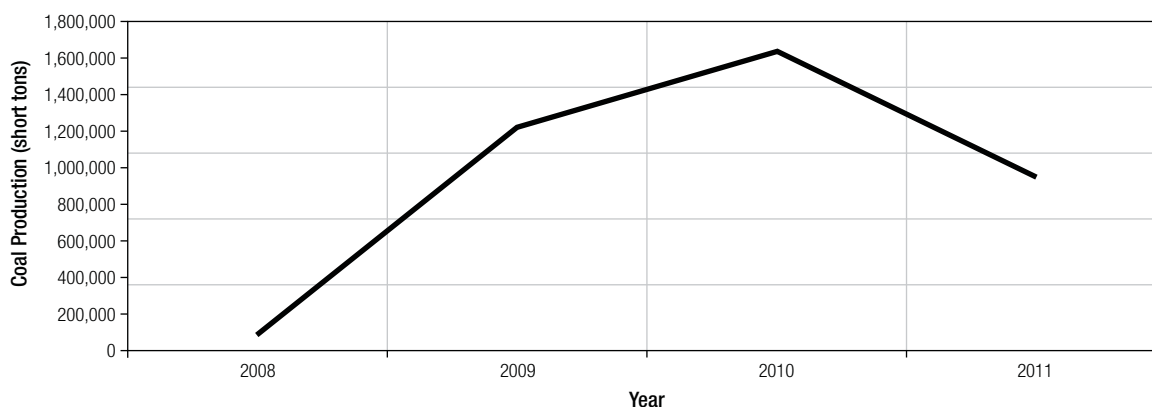
## ADDITIONAL INFORMATION

The company has additional acreage, but is waiting on permits from the Army Corps of Engineers.

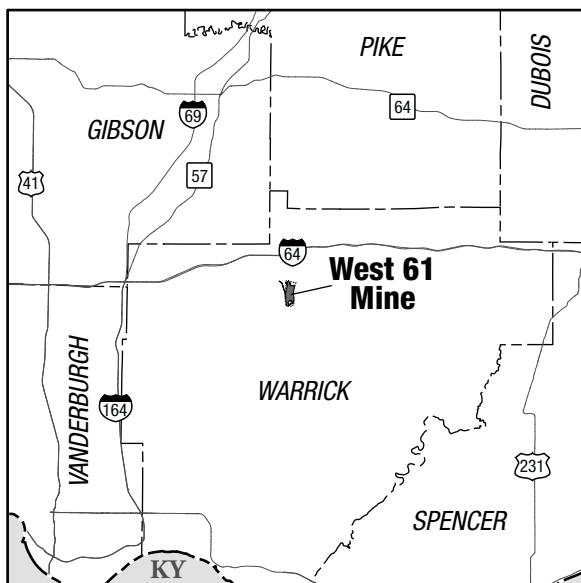
When in operation, the coal is heavy-media washed at Wild Boar Mine and transported by truck.

Mean Annual Production: 976,856 short tons  
Total Production (2008–2011): 3,907,423 short tons

Year	Employees	Production (short tons)
2011	69	955,261
2010	59	1,638,737
2009	45	1,223,350
2008	10	90,075



# West 61 Mine



## MINE LOCATION INFORMATION

County: Warrick

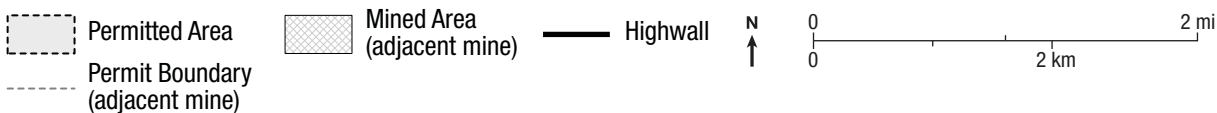
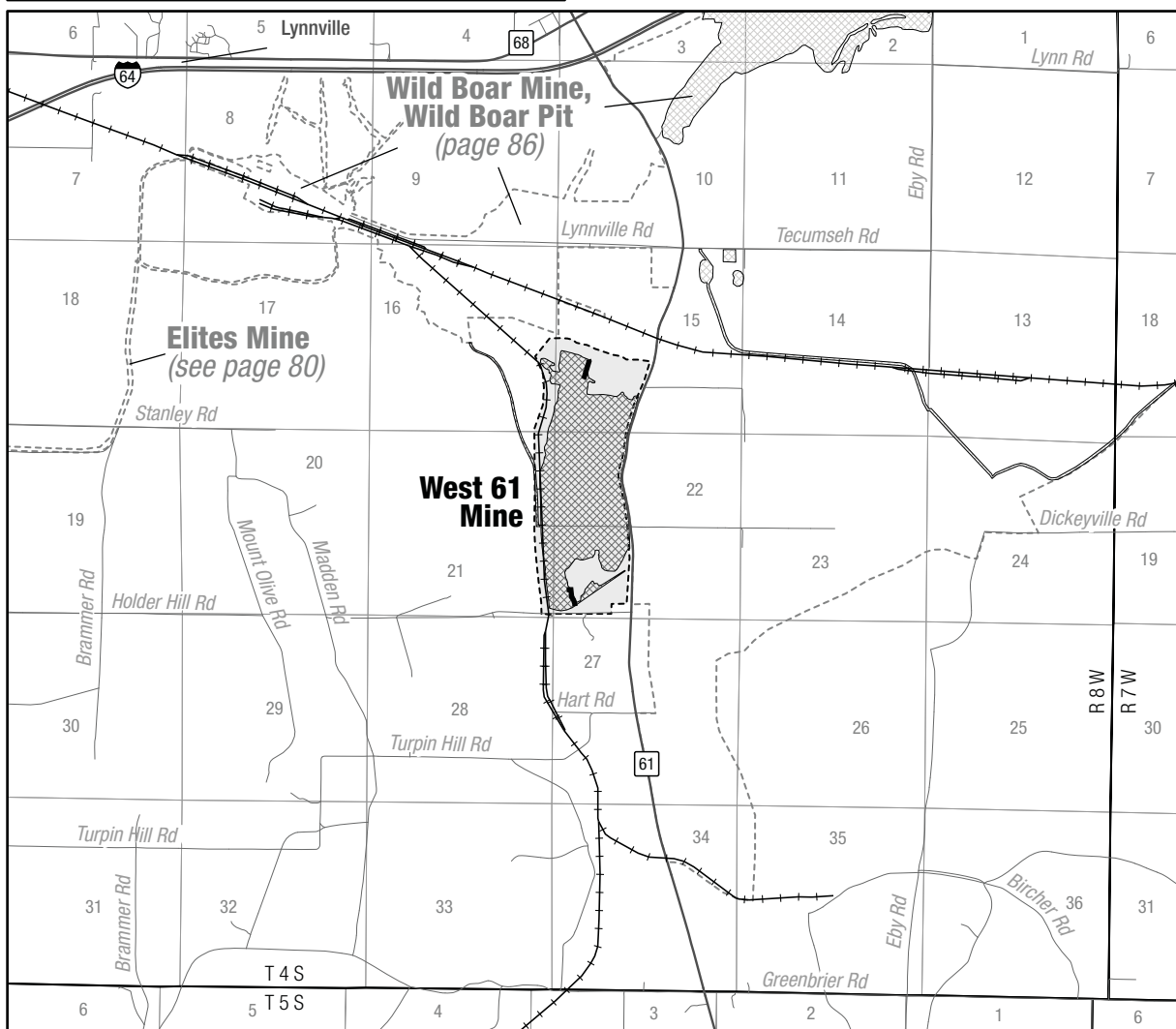
Quadrangle: Lynnville

Currently Active Area:

T. 4 S., R. 8 W., sec. 15, 16, 21, 22, 27, 28

General Location:

South of Lynnville



Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Wild Boar Mine, Wild Boar Pit

Owned & Operated by: Peabody Midwest Mining, LLC

Mine Type: Surface Mine

Start Year: 2010

2012 Status: Active

Coals Mined: Danville, Hymera, Springfield

DOR Permit No: S-360

## CONTACT INFORMATION

Mine Contact Person:  
Tom Peck, Operations Manager  
Nathan Burnell, Mine Engineer

Mailing Address:  
566 Dickeyville Rd.  
Lynnville, IN 47619

Telephone:  
(812) 922-1015

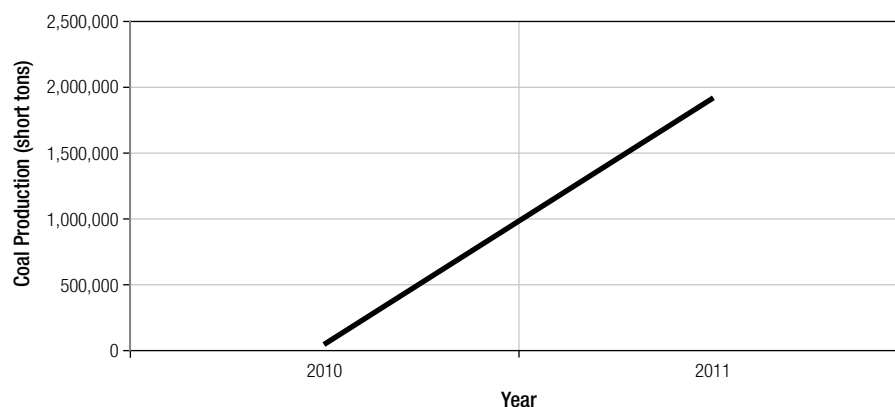
FAX:  
(812) 922-1076

## ADDITIONAL INFORMATION

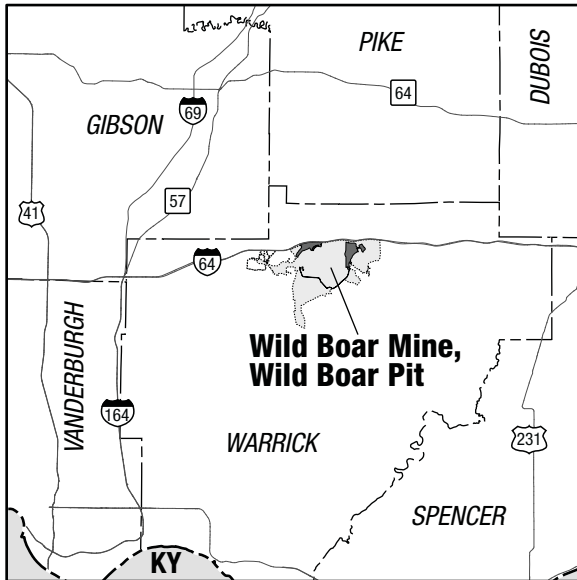
Coal is heavy-media washed at the mine. It is trucked from the mine to the preparation plant, then transported by Norfolk Southern Railway Company to the Ohio River where it is barged.

Mean Annual Production: 985,552 short tons  
Total Production (2010–2011): 1,971,104 short tons

Year	Employees	Production (short tons)
2011	111	1,922,612
2010	N/A	48,492



# Wild Boar Mine, Wild Boar Pit



## MINE LOCATION INFORMATION

County: Warrick

Quadrangles: Folsomville, Lynnville

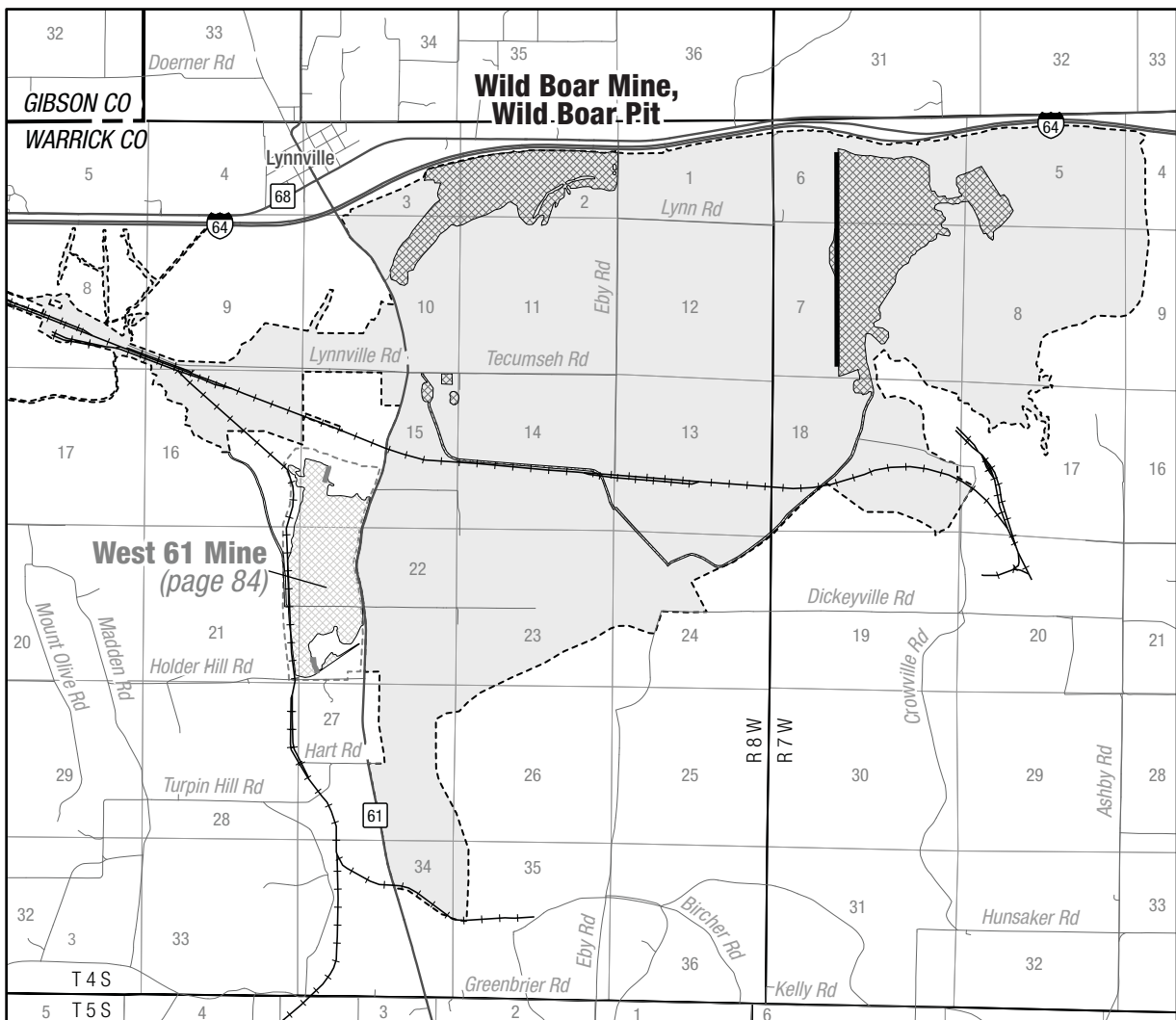
### Currently Active Area:

T. 4 S., R. 7 W., sec 4-9, 17-19

T. 4 S., R. 8 W., sec. 1-3, 8-16, 22-24, 26, 27, 34, 35

### General Location:

Approximately 1 mile southeast of Lynnville



--- Permitted Area  
--- Permit Boundary (adjacent mine)

▨ Mined Area  
▨ Mined Area (adjacent mine)

— Highwall  
— Highwall (adjacent mine)

N

0

0

2 km

2 mi

Surface-mined areas and permitted areas provided by Ind. Division of Reclamation. Underground-mined areas provided by Ind. Bureau of Mines. Data current as of Dec. 2012.

# Company Index

## ALPHABETICAL LISTING OF COMPANIES OWNING OR OPERATING MINES IN INDIANA

COMPANY	MINE	STATUS*	PAGE
<b>Black Panther Mining, LLC</b> 12661 N. Agri Care Rd., Box 359 Oaktown, IN 47561 Don Blankenberger, President Tim Kerr, Geologist Phone: (812) 745-2920 FAX: (812) 745-2970	Oaktown Fuels Mine No. 1 Oaktown Fuels Mine No. 2	A B	46 48
<b>Boyd and Sons Construction, LLC</b> 1312 E. 200 N. Washington, IN 47501 Duane Walls, Project Manager Phone: (812) 254-6858, (800) 648-9915 FAX: (812) 254-2035	Blackfoot #5–Gray #1 Mine	A	56
<b>Five Star Mining, Inc.</b> 6594 W. S.R. 56 Petersburg, IN 47567 Tim Kerr, Geologist Phone: (812) 354-6883 FAX: (812) 354-6754	Prosperity Mine	A	66
<b>Gibson County Coal, LLC</b> P.O. Box 1269 Princeton, IN 47670 Chris Hopple, General Manager Phone: (812) 385-1816 FAX: (812) 385-0130	Gibson County Mine Gibson South Mine	A B	26 28
<b>Jarvis Coal, LLC</b> 101 W. Main St. Jasonville, IN 47438 Dennis Jarvis, Owner Phone: (812) 665-2000, (812) 239-9778 FAX: (812) 665-2002	Hilsmeyer #2 Mine	A	62
<b>Liberty Mine, LLC</b> 528 Main St., Suite 202 Evansville, IN 47708 Alex Messamore, Manager of Land Acquisition and Permits Phone: (812) 759-8454 FAX: (812) 759-2625	Liberty Mine	A	82

\*Status Codes

A = Active

B = Permit Bonded

T = Idle/Temporary Cessation



COMPANY	MINE	STATUS*	PAGE
<b>Lily Group, Inc.</b> 15127 W. 700 N. Jasonville, IN 47438 Ron Hutchcraft, President Phone: (812) 268-5459 FAX: (812) 268-1837	Landree Mine	A	38
<b>Little Sandy Coal Company, Inc.</b> P.O. Box 16 Lamar, IN 47550 Mason R. Foertsch, President Phone: (812) 529-8211 FAX: (812) 529-8381	Hilsmeyer Mine	B	60
<b>Peabody Midwest Mining, LLC</b> 7100 Eagle Crest Blvd., Suite 200 Evansville, IN 47715 Steven Chancellor, Chairman Daniel Hermann, CEO Phone: (812) 434-8500 FAX: (812) 424-9064	Bear Run Mine	A	70
	Francisco Underground Mine	A	24
	Somerville Mine	A	32
	Somerville South Mine	A	34
	Viking Mine, Corning Pit	A	16
	Viking Mine, Knox Pit	T	50
	Wild Boar Mine, Wild Boar Pit	A	86
<b>Solar Sources, Inc.</b> P.O. Box 7 Petersburg, IN 47567 Donald A. Keller, Vice Pres. & Chief Mining Officer Matthew Atkinson, Vice President, Engineering & Development George Boyles, Director of Reclamation Phone: (812) 354-8776 FAX: (812) 354-3149	Antioch Mine	A	12
	Cannelburg Mine	A	14
	Lewis Mine	T	76
	Shamrock Mine	A	20
<b>Sun Energy Group, LLC</b> 2701 W. 1100 S. Huntingburg, IN 47542 Robert Childress, Jr., President Phone: (812) 683-1178 FAX: (812) 683-1418	Blackfoot #5–Gray #1 Mine	A	56
	Hilsmeyer #2 Mine	A	62
<b>Sunrise Coal Company, LLC</b> 1183 E. Canvasback Dr. Terre Haute, IN 47802 Brent Bilsland, President Samuel T. Elder, Engineer Phone: (812) 299-2800, (812) 398-2200 FAX: (812) 398-2210	Carlisle Mine	A	72

\*Status Codes

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# Company Index

COMPANY	MINE	STATUS*	PAGE
<b>Triad Mining, Inc.</b> 1524 Frederica St. Owensboro, KY 42301 Tim Aull, President Mike Howard, Controller Phone: (270) 683-4186 FAX: (270) 686-8476	Augusta Mine	A	54
	Freelandville Mine	A	42
	Freelandville Underground Mine	A	44
	Hurricane Creek Mine	A	30
	Log Creek Mine	A	64
<b>United Minerals Company, LLC</b> 409 Van Buren St. P.O. Box 400 Huntingburg, IN 47542 Bill Gunn, Mining Reclamation Specialist Phone: (812) 683-5024 FAX: (812) 683-5049	Cardinal Mine	A	58
	Elites Mine	A	80
	Somerville Mine (North Pit)	A	32
	West 61 Mine	T	84
<b>Vectren Fuels, Inc.</b> One Vectren Square 211 NW Riverside Dr. Evansville, IN 47708 Randy Beck, President Phone: (812) 465-5300	Oaktown Fuels Mine No. 1	A	46
	Oaktown Fuels Mine No. 2	B	48

\*Status Codes

A = Active

B = Permit Bonded

T = Idle/Temporary Cessation

## ALPHABETICAL LISTING OF COAL MINES IN INDIANA

MINE	OWNER	COUNTY	STATUS*	TYPE†	PAGE
Antioch Mine	Solar Sources, Inc.	Daviess	A	S	12
Augusta Mine	Triad Mining, Inc.	Pike	A	S	54
Bear Run Mine	Peabody Midwest Mining, LLC	Sullivan	A	S	70
Blackfoot #5–Gray #1 Mine	Sun Energy Group, LLC	Pike	A	S	56
Cannelburg Mine	Solar Sources, Inc.	Daviess	A	S	14
Cardinal Mine	United Minerals Company, LLC	Pike	A	S	58
Carlisle Mine	Sunrise Coal Company, LLC	Sullivan	A	U	72
Elites Mine	United Minerals Company, LLC	Warrick	A	S	80
Francisco Underground Mine	Peabody Midwest Mining, LLC	Gibson	A	U	24
Freelandville Mine	Triad Mining, Inc.	Knox	A	S	42
Freelandville Underground Mine	Triad Mining, Inc.	Knox	A	U	44
Gibson County Mine	Gibson County Coal, LLC	Gibson	A	U	26
Gibson South Mine	Gibson County Coal, LLC	Gibson	B	U	28
Hilsmeyer Mine	Little Sandy Coal Company, Inc.	Pike	B	S	60
Hilsmeyer #2 Mine	Sun Energy Group, LLC	Pike	A	S	62
Hurricane Creek Mine	Triad Mining, Inc.	Gibson	A	S	30
Landree Mine	Lily Group, Inc.	Greene	A	S & U	38
Lewis Mine	Solar Sources, Inc.	Vigo	T	S	76
Liberty Mine	Liberty Mine, LLC	Warrick	A	S	82
Log Creek Mine	Triad Mining, Inc.	Pike	A	S	64
Oaktown Fuels Mine No. 1	Vectren Fuels, Inc.	Knox	A	U	46
Oaktown Fuels Mine No. 2	Vectren Fuels, Inc.	Knox	B	U	48
Prosperity Mine	Five Star Mining, Inc.	Pike	A	U	66
Shamrock Mine	Solar Sources, Inc.	Dubois	A	S	20
Somerville Mine	Peabody Midwest Mining, LLC	Gibson	A	S	32
Somerville South Mine	Peabody Midwest Mining, LLC	Gibson	A	S	34
Viking Mine, Corning Pit	Peabody Midwest Mining, LLC	Daviess	A	S	16
Viking Mine, Knox Pit	Peabody Midwest Mining, LLC	Knox	T	S	50
West 61 Mine	United Minerals Company, LLC	Warrick	T	S	84
Wild Boar Mine, Wild Boar Pit	Peabody Midwest Mining, LLC	Warrick	A	S	86

\*Status Codes

A = Active

B = Permit Bonded

T = Idle/Temporary Cessation

†Type Codes

S = Surface

U = Underground

# Coal Seam Index

## COAL SEAMS MINED IN INDIANA DURING 2012 IN STRATIGRAPHIC SEQUENCE (DESCENDING ORDER)

COAL SEAM	MINE	COUNTY	PAGE
Danville	Bear Run Mine	Sullivan	70
	Cardinal Mine	Pike	58
	Elites Mine	Warrick	80
	Freelandville Mine	Knox	42
	Log Creek Mine	Pike	64
	Somerville Mine	Gibson	32
	Somerville South Mine	Gibson	34
	Viking Mine, Knox Pit	Knox	50
	West 61 Mine	Warrick	84
	Wild Boar Mine, Wild Boar Pit	Warrick	86
Hymera	Bear Run Mine	Sullivan	70
	Blackfoot #5–Gray #1 Mine	Pike	56
	Cardinal Mine	Pike	58
	Elites Mine	Warrick	80
	Freelandville Mine	Knox	42
	Liberty Mine	Warrick	82
	Log Creek Mine	Pike	64
	Somerville Mine	Gibson	32
	Somerville South Mine	Gibson	34
	Viking Mine, Knox Pit	Knox	50
	West 61 Mine	Warrick	84
	Wild Boar Mine, Wild Boar Pit	Warrick	86
Bucktown	Augusta Mine	Pike	54
	Cardinal Mine	Pike	58
	Freelandville Mine	Knox	42
	Hurricane Creek Mine	Gibson	30
	Log Creek Mine	Pike	64
Springfield	Augusta Mine	Pike	54
	Bear Run Mine	Sullivan	70
	Blackfoot #5–Gray #1 Mine	Pike	56
	Cardinal Mine	Pike	58
	Carlisle Mine	Sullivan	72
	Francisco Underground Mine	Gibson	24
	Freelandville Mine	Knox	42
	Freelandville Underground Mine	Knox	44
	Gibson County Mine	Gibson	26
	Gibson South Mine	Gibson	28
	Hurricane Creek Mine	Gibson	30
	Landree Mine	Greene	38
	Liberty Mine	Warrick	82
	Log Creek Mine	Pike	64
	Oaktown Fuels Mine No. 1	Knox	46
	Oaktown Fuels Mine No. 2	Knox	48
	Prosperity Mine	Pike	66
	Somerville Mine	Gibson	32
	Somerville South Mine	Gibson	34
	West 61 Mine	Warrick	84
	Wild Boar Mine, Wild Boar Pit	Warrick	86

# Coal Seam Index

COAL SEAM	MINE	COUNTY	PAGE
Houchin Creek	Lewis Mine	Vigo	76
Survant	Hilsmeier Mine	Pike	60
	Hilsmeier #2 Mine	Pike	62
	Landree Mine	Greene	38
	Lewis Mine	Vigo	76
Seelyville	Hilsmeier Mine	Pike	60
Unnamed coal(s) in Staunton Formation	Antioch Mine	Daviess	12
	Cannelburg Mine	Daviess	14
	Shamrock Mine	Dubois	20
	Viking Mine, Corning Pit	Daviess	16
Buffaloville	Antioch Mine	Daviess	12
	Cannelburg Mine	Daviess	14
	Shamrock Mine	Dubois	20
	Viking Mine, Corning Pit	Daviess	16
Unnamed coal(s) in Brazil Formation	Cannelburg Mine	Daviess	14
	Shamrock Mine	Dubois	20
	Viking Mine, Corning Pit	Daviess	16