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Coal Mines in Illinois
SPRINGFIELD EAST & WEST QUADRANGLE
SANGAMON COUNTY

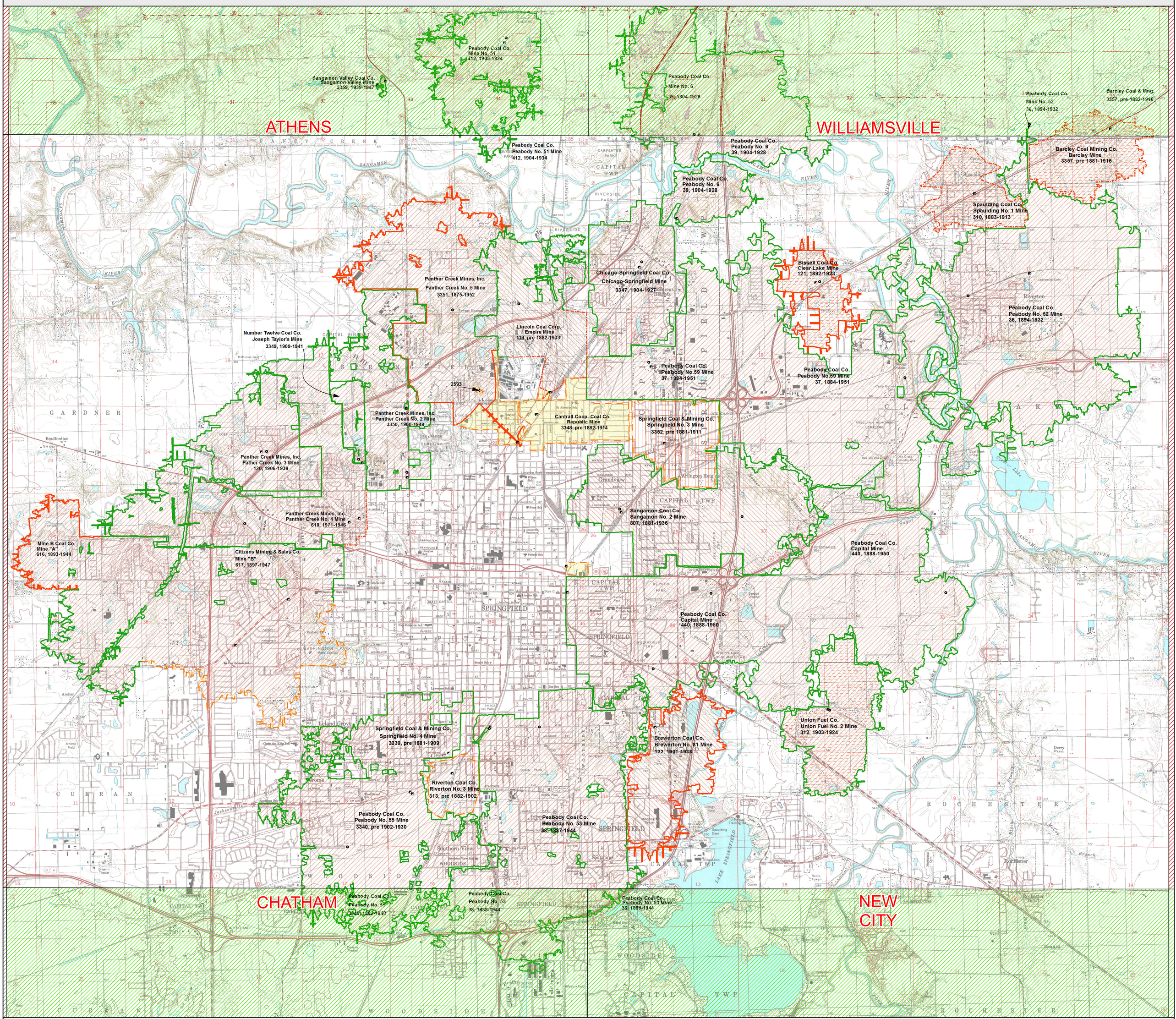
Mined Out Quadrangle Map Series

THIS MAP ACCOMPANIES THE COAL MINES DIRECTORY FOR THE SPRINGFIELD EAST & WEST QUADRANGLE. CONSULT THE DIRECTORY FOR A COMPLETE EXPLANATION OF THE INFORMATION SHOWN ON THIS MAP

The most recent mined out quadrangle maps are available as downloadable PDF files at: http://www.isgs.illinois.edu

Mine Outlines Compiled by
Margaret Bargh & C. Chenoweth
July 13, 1999 Revised January 24, 2014

This product is under review and may not meet the standards of the Illinois State Geological Survey.


ATHENS
WILLIAMSVILLE
CHATHAM
NEW CITY
Sangamon Valley Coal Co.
Sangamon Valley Mine
3359, 1939-1947
Peabody Coal Co.
Mine No. 51
412, 1905-1934
Peabody Coal Co.
Mine No. 6
39, 1904-1928
Peabody Coal Co.
Mine No. 52
36, 1894-1932
Barclay Coal & Mng.
3357, pre-1882-1916
Peabody Coal Co.
Peabody No. 51 Mine
412, 1904-1934
Peabody Coal Co.
Peabody No. 6
39, 1904-1928
Barclay Coal Mining Co.
Barclay Mine
3357, pre 1881-1916
Spaulding Coal Co.
Spaulding No. 1 Mine
310, 1883-1913
Panther Creek Mines, Inc.
Panther Creek No. 5 Mine
3351, 1875-1952
Chicago-Springfield Coal Co.
Chicago-Springfield Mine
3347, 1904-1927
Bissell Coal Co.
Clear Lake Mine
121, 1892-1923
Peabody Coal Co.
Peabody No. 52 Mine
36, 1894-1932
Number Twelve Coal Co.
Joseph Taylor's Mine
3349, 1909-1941
Lincoln Coal Corp.
Empire Mine
119, pre 1882-1933
Peabody Coal Co.
Peabody No.59 Mine
37, 1884-1951
Panther Creek Mines, Inc.
Panther Creek No. 2 Mine
3350, 1900-1948
Cantrall Coop. Coal Co.
Republic Mine
3348, pre 1882-1914
Springfield Coal & Mining Co.
Springfield No. 3 Mine
3352, pre 1881-1911
Panther Creek Mines, Inc.
Pather Creek No. 3 Mine
120, 1906-1939
Panther Creek Mines, Inc.
Panther Creek No. 4 Mine
618, 1971-1946
Sangamon Coal Co.
Sangamon No. 2 Mine
807, 1881-1936
Mine B Coal Co.
Mine "A"
616, 1893-1944
Citizens Mining & Sales Co.
Mine "B"
617, 1897-1947
Peabody Coal Co.
Capital Mine
440, 1888-1950
Peabody Coal Co.
Capital Mine
440, 1888-1950
Springfield Coal & Mining Co.
Springfield No. 4 Mine
3339, pre 1881-1909
Union Fuel Co.
Union Fuel No. 2 Mine
312, 1903-1924
Brewerton Coal Co.
Brewerton No. 81 Mine
122, 1901-1938
Riverton Coal Co.
Riverton No. 3 Mine
313, pre 1882-1902
Peabody Coal Co.
Peabody No. 55 Mine
3340, pre 1902-1930
Peabody Coal Co.
Peabody No. 53 Mine
38, 1888-1944
Peabody Coal Co.
Peabody No. 55
3340, 1882-1940
Peabody Coal Co.
Peabody No. 53
38, 1888-1944
Peabody Coal Co.
Peabody No. 53 Mine
38, 1888-1944
SPRINGFIELD
CAPITAL TWP
GARDNER
CURRAN
WOODSIDE
ROCHESTER
Riverton
Rochester
Grandview
Leland Grove
Southern View
Bradfordton
Archer
Jacksonville
Sangamon River
Lake Springfield
Mud Lake
Sugar Creek
South Fork
Spaulding
Ladysmith Cem.
Mallory Cem.
Oak Hill Cem.
Rosehill Memorial Cemetery
Oak Crest Country Club
Drive-In Theater
Golf Course
Radio Tower
Tailings Pond
Spaulding Dam
Waterworks
Substation
Derry Farm
Arlington Heights
Brewerton
Fairview Sch.
Lincoln Sch.
Washington Park
Rochester Cemetery
Rochester Sch.
Rochester Mine
Rochester Branch
Sugar Creek Branch
Lake Springfield
Sangamon River
Spring Creek
Jacksonville Branch
Sandburg Sch.
Christ the King Sch.
Athletic Field
Golf Course
Trailer Park
Cemetery
Hospital
Cemetery
Cemetery
Cemetery

DIRECTORY OF COAL MINES IN ILLINOIS
7.5-MINUTE QUADRANGLE SERIES
SPRINGFIELD EAST & WEST QUADRANGLES
SANGAMON COUNTY

C. A. Chenoweth
M. H. Bargh
C. G. Treworgy

Department of Natural Resources
ILLINOIS STATE GEOLOGICAL SURVEY
1993
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SANGAMON COUNTY

1993
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Cover photo Track-mounted duckbill loading machine at a Peabody Coal Company mine, ca. 1915.

DISCLAIMER: The accuracy and completeness of mine maps and directories vary with the availability of reliable information. Maps and other information used to compile this mine map and directory were obtained from a variety of sources and the accuracy of some of the original information cannot be verified. Consequently, the Illinois State Geological Survey (ISGS) cannot guarantee the mine maps are free of errors and disclaims any responsibility for damages that may result from actions or decisions based on them.

The ISGS updates the maps and directories periodically, and welcomes any new information or corrections. Please contact the Coal Section of the ISGS at the address shown on the title page of this directory, or telephone (217) 244-4610.

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INTRODUCTION

Coal has been mined in 76 counties of Illinois. More than 7,400 coal mines have operated since commercial mining began in Illinois about 1810; fewer than 30 are currently active. To detail the extent and location of coal mining in Illinois, the Illinois State Geological Survey (ISGS) has compiled maps and directories of known coal mines. The ISGS offers maps at a scale of 1:100,000 and accompanying directories for each county in which coal mining is known to have occurred. Maps at a scale of 1:24,000 and accompanying directories such as this are available for selected quadrangles. Contact the ISGS for a list of these quadrangles.

These larger scale maps show the approximate positions of mines in relation to surface features such as roads and water bodies, and indicate the mining method used and the accuracy of the mine boundaries. The maps are useful for locating mine boundaries relative to specific properties and for assessing the potential for subsidence in an area. Mine boundaries compiled from final mine surveys are generally shown within 200 feet of their true position. As a result of poor cartographic quality and inaccuracies in the original mine surveys, boundaries of some older mines may be mislocated on the map by 500 feet or more. Original mine maps should be consulted in situations that require precise delineation of mine boundaries or internal workings of mined areas.

The directory serves as a key to the accompanying mine map and provides basic information on the coal mines. The directory is composed of two parts. Part I explains the symbols and patterns used on the accompanying map and the summary data presented for each mine. Part II numerically lists the mines in the quadrangle and summarizes the geology and production history of each mine.

MINING IN THE SPRINGFIELD AREA

Mines underlie much of the city of Springfield. Mining began in this area in the early 19th century, but the first specific reference is to two mines that opened about 1865. Jacob Loose's mine was at the location later mined by Wabash Coal Company (Mine Index 313). The Old North Mine was probably located in or near the east part of the Panther Creek Mine No. 4 (Mine Index 618). The extent of these old mines is uncertain; the boundaries may extend beyond the mapped boundaries shown.

Records of annual production were not officially kept until 1881 when he first of the Illinois Bureau of Labor Statistics Biennial Reports was published. Sangamon County ranked among the top four coal producers in the state until the 1930s, but production gradually fell off and by 1953 the overall rank was ninth. The last mine that operated in the area covered by this map was abandoned in 1964. Underground coal mining continues today just a few miles north of Springfield near the town of Williamsville.

The Springfield Coal, formerly known as the No. 5 Coal, is the major seam mined in this area. The coal is 200 to 260 feet deep and about 6 feet thick. Clay veins, also called horsebacks, were common in some mines and created problems in controlling the mine roof.

The Chapel Coal, found 90 to 190 feet above the Springfield Coal, is believed to have been mined in at least one mine in this quadrangle (Mine Index 2593). This coal is generally 1 to 3 feet thick and, where present, lies less than 100 feet below the surface.

PART I EXPLANATION OF MAP AND MINE SUMMARY SHEET

INTERPRETING THE MAP

The map accompanying this directory shows the location of coal mines known to be present in the quadrangle. The map, corresponding to a U.S. Geological Survey (USGS) 7.5-minute quadrangle, covers an area bounded by lines of latitude and longitude 7.5-minutes apart. In Illinois, a quadrangle is approximately 6.5 miles east to west and 8.5 miles north to south, an area of about 56 square miles. The ISGS generally offers one map of mines per quadrangle. In some areas where extensive mining occurred in two or more overlapping seams, separate maps are compiled for mines in each seam to maintain readability of the map.

Mine Type and Mining Method
The mine type is indicated on the map by pattern color: green represents surface mines; red and yellow represent underground mines. The red patterns are used for areas of underground mining that are documented by a primary or secondary source map. A yellow pattern is used for cases where no map of the mine workings is available, but a general area of mining can be inferred from property maps or production figures. The patterns indicate the main mining methods used in underground mines. The methods are (1) room and pillar and (2) high extraction. The method used gives some indication of the amount and pattern of coal extraction within each mined area, and has some influence on the timing and type of subsidence that can occur over a mine.

The following discussion and illustrations of mining methods are based on Guither et al. (1984).

In room-and-pillar mines, coal is removed from haulage-ways (entries) and selected areas called rooms. Pillars of unmined coal are left between the rooms to support the roof. Depending on the size of rooms and pillars, the amount of coal removed from the production areas will range from 40% to 70%.

Room and Pillar - mining is divided into six categories:
- room-and-pillar basic (RPB, fig. 1A), an early method that did not follow a preset mining plan and therefore resulted in very irregular designs;
- modified room and pillar (MRP, fig. 1B);
- room-and-pillar panel (RPP, fig. 1C);
- blind room and pillar (BRP, fig. 1D);
- checkerboard room and pillar (CRP, fig. 1E);
- room and pillar (RP), a classification used when the specific type of room-and-pillar mining is unknown.

Blind and checkerboard are the most common types of room-and-pillar mining used in Illinois today. The knowledge of room-and-pillar mining methods gives a trained engineer information on the nature of subsidence that may occur. A more extensive discussion of subsidence can be found in Bauer et al. (1993).

High-extraction These mining methods are subdivided into high-extraction retreat (HER, Fig 1F) and longwall (LW, Fig 1G, 1H). In these methods, much of the coal is removed within well defined areas of the mine. Subsidence of the surface above these areas occurs within weeks. Once the subsidence activity ceases, the potential for further movement over these areas is low; however, subsidence may continue for several years after mining.

High-extraction retreat mining is a form of room-and-pillar mining that extracts most of the coal. Rooms and pillars are developed in the panels, and the pillars are then systematically removed (fig. 1F).

In early (pre-1960) longwall mines, mining advanced in multiple directions from a central shaft (fig. 1G). Large pillars of coal were left around the shaft, but all coal was removed beyond these pillars. Miners placed rock and wooden props and cribs in the mined-out areas to support the mine roof. The overlying rock gradually settled onto these supports, thus producing subsidence at the surface. In post-1959 longwall mines, room-and-pillar methods have been used to develop the main entries of the mine and panel areas. Modern longwall methods extract 100 percent of the coal in the panel areas (fig. 1H).

SOURCE MAPS

Mine outlines depicted on the map are, whenever possible, based on maps made from original mine surveys. The process of compiling and digitizing the quadrangle map may produce errors of less than 200 feet in the location of mine boundaries. Larger errors of 500 feet or more are possible for mines that have incomplete or inaccurate source maps.

Because of the extreme complexity of some mine maps, detailed features of mined areas have been omitted. The digitized mine boundary includes the exterior boundary of all rooms or entries that were at least 80 feet wide or protruded 500 feet from the main mining area. Unmined areas between mines are shown if they are at least 80 feet wide; unmined blocks of coal within mines are shown if they are at least 400 feet on each side. Original source maps should be consulted when precise information on mine boundaries or interior features is needed.

The mine summary sheet lists the source maps used to determine each mine outline. The completeness of map sources is indicated on the map by a line symbol at the mine boundary. Source maps are organized in five categories.

Final mine map The mine outline was digitized from an original map made from mine surveys conducted within a few months after production ceased. The date of the map and the last reported production are listed on the summary sheet.

Not a final map The mine is currently active or the mine outline was made from a map based on mine surveys conducted more than few months before production ceased. This implies the actual mined-out area is probably larger than the outline on the map. The mine summary sheet indicated the dates of source maps and the last reported production, as well as the approximate tonnage mined between these two dates (if the mine is abandoned). The summary sheet also lists the approximate acreage mined since the date of the map and, in some cases, indicates the area where additional mining may have taken place. This latter information is determined by locating on the map the active faces relative to probable boundaries of the mine property.

Undated map The source map was undated, so it may or may not be based on a final mine survey. When sufficient data are available, the probable acreage of the mined area is estimated from reported production, average seam thickness and a recovery rate comparable to other mines in the area. This information is listed in the summary sheet for the mine.

Incomplete map The source map did not show the entire mine. The summary sheet indicates the missing part of the mine map and the acreage of the unmapped area, which is estimated from the amount of coal known to have been produced from the mine.

Secondary source map The original mine map was not found so the outline shown was determined from secondary sources (e.g., outlines from small-scale regional maps published in other reports). The summary sheet describes the secondary sources.

POINTS AND LABELS

The locations of all known mine openings (shafts, slopes, and drifts) and surface mine tipples are plotted on the map. Tipples are areas where coal was cleaned, stockpiled, and loaded for shipping.

Only openings or tipples are plotted for mines without source maps. If the precise locations of these features are unknown, a special symbol is used to indicate the approximate location of the mine.

Each mine on the map is labeled with the names of the mine and operating company, ISGS mine index number, and years of operation (if known) if space permits. A seam designation is given on maps where more than one seam was mined. For a mine that operated under more than one name, only the most recent name is generally given. When a mine changed names or ownership shortly before closing, an earlier name is listed. All company and mine names are listed on the mine summary sheet in the directory, under the production history segment.

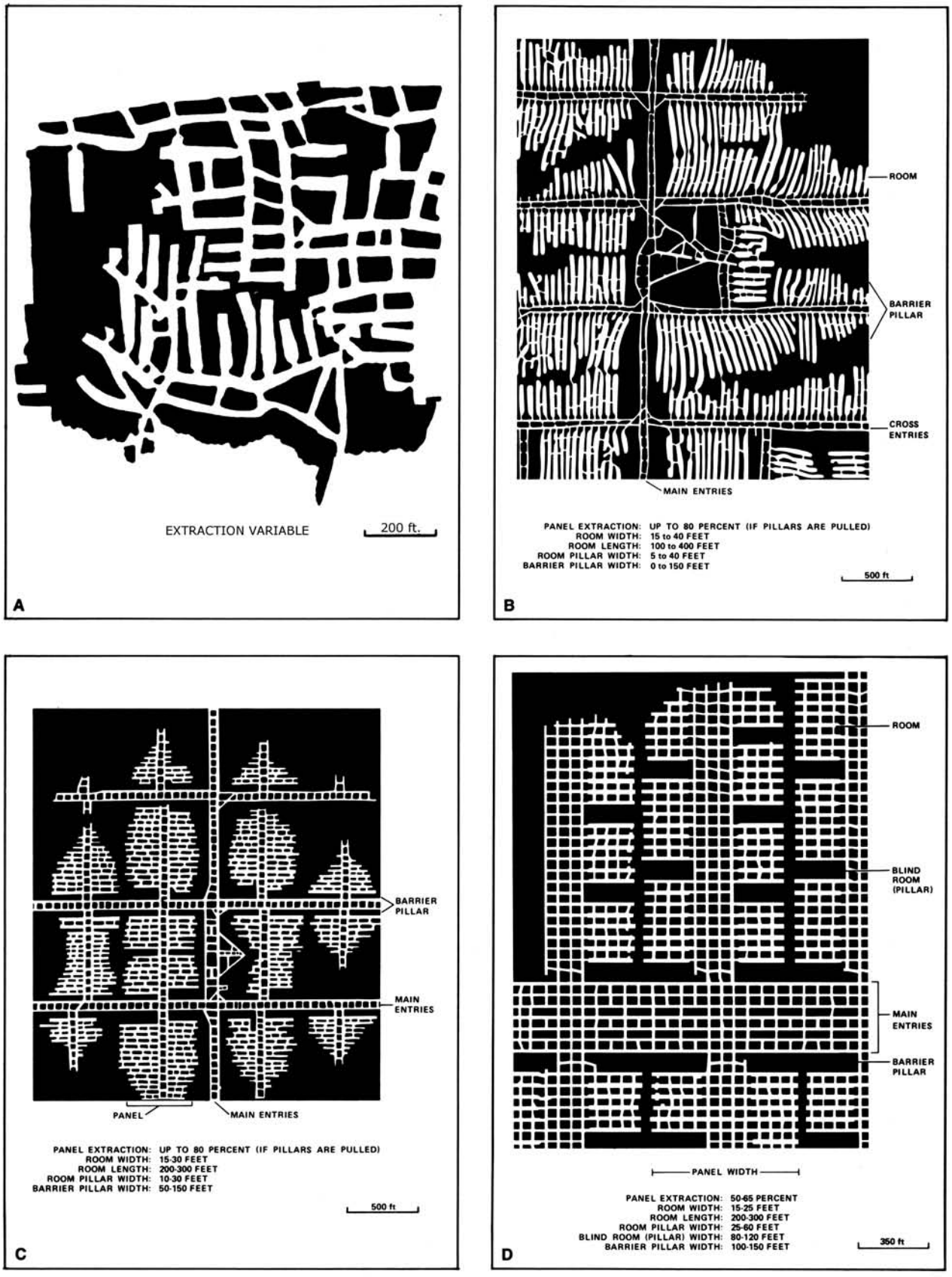
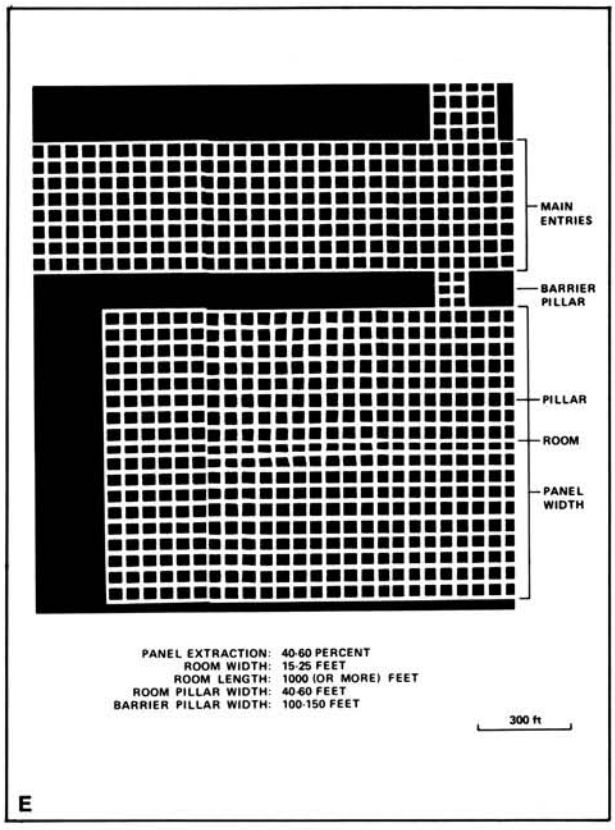
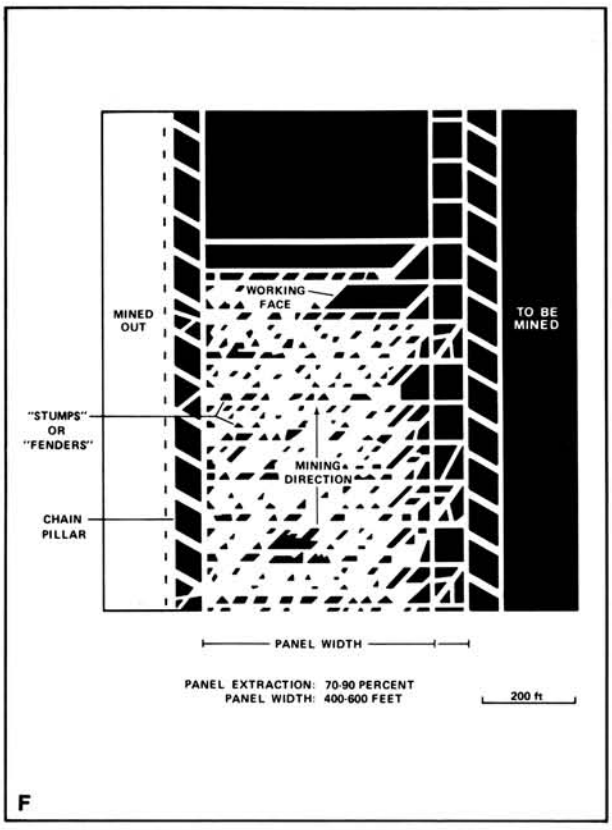
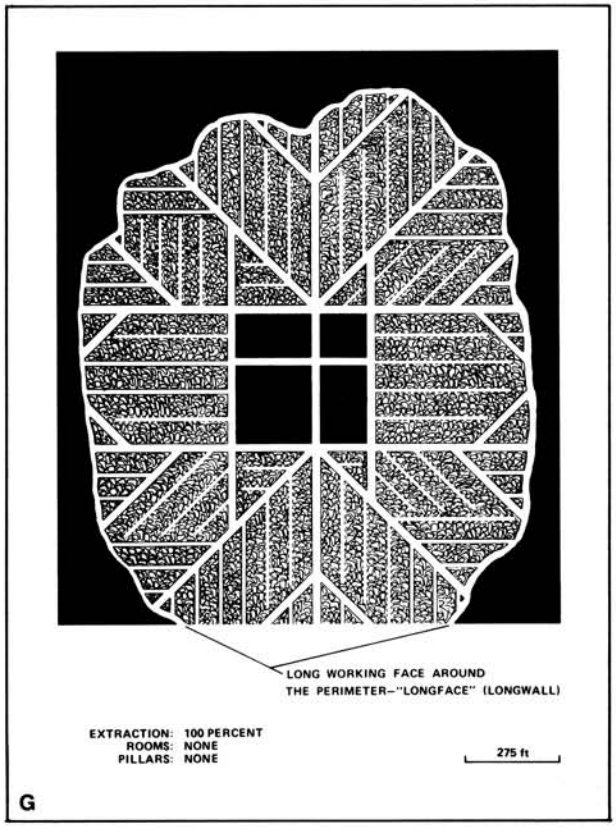


Figure 1 Mining methods: (A) room-and-pillar basic (RPB), (B) modified room and pillar (MRP), (C) room-and-pillar panel (RPP), (D) blind room and pillar (BRP).







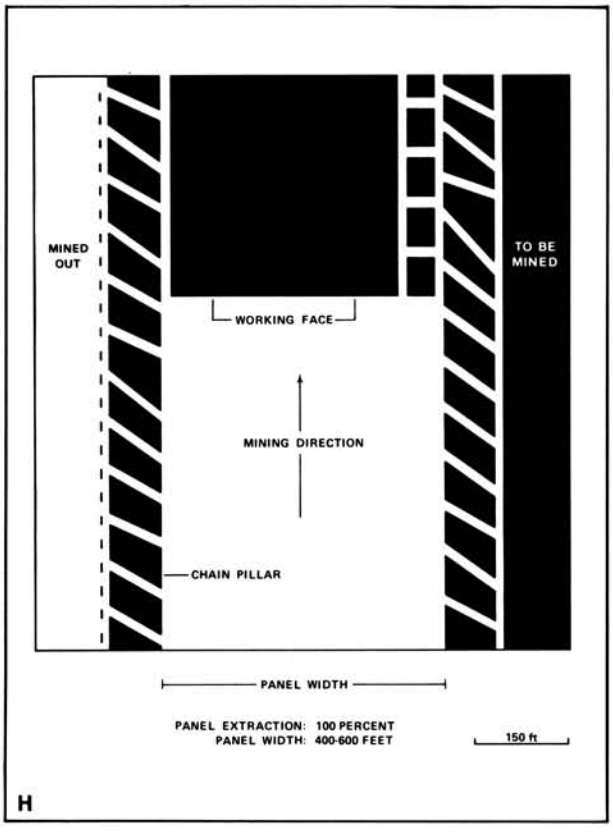


Figure 1 *(cont.)* Mining methods: (E) checkerboard room and pillar (CRP), (F) high extraction retreat (HER), (G) early (pre-1960) longwall, (H) post-1959 longwall

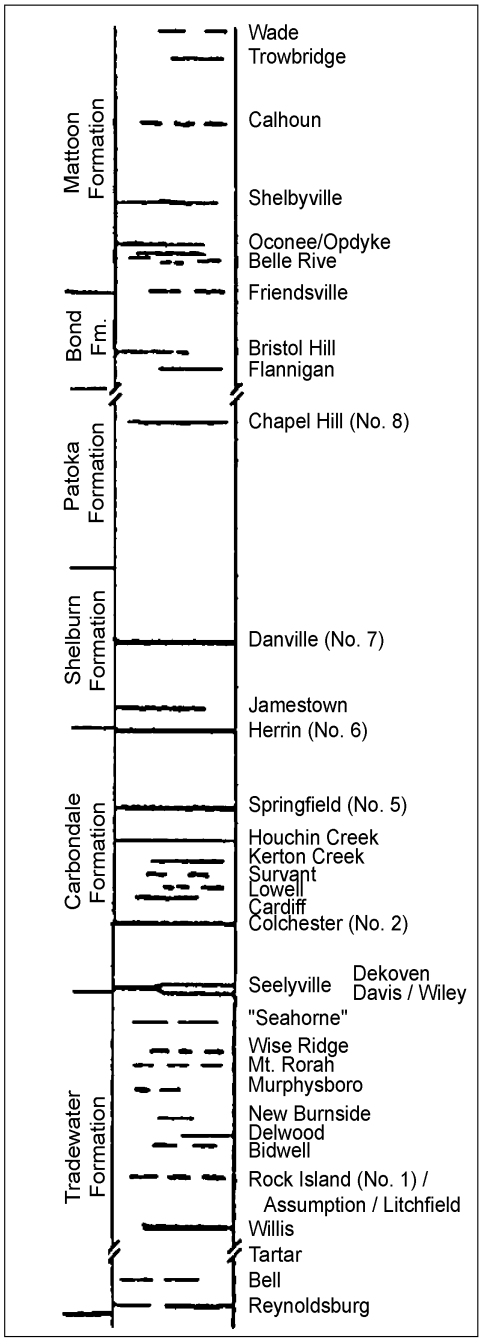


Figure 2 Generalized stratigraphic section, showing approximate vertical relations of coals in Illinois.

INTERPRETING A MINE SUMMARY SHEET

The mine summary sheet is arranged numerically by mine index number. Index numbers are shown on the map and in the mine listing. The mine summary sheet provides the following information (if available).

Company and mine name The last company or owner of the mine is used, unless no production was recorded for the last owner. In that case, the penultimate owner is listed. Mines often have no specific name; in these cases, the company name is also used as the mine name.

Type *Underground* denotes a subsurface mine in which the coal was reached through a shaft, slope, or a drift entry. *Surface* denotes a surface, open pit or strip mine.

Total mined-out acreage shown The total acreage of the mined area mapped, including any acreage mined on adjacent quadrangles, is calculated from the digitized outline of the mine. The acreage of large barrier pillars depicted on the map is excluded from the mined-out acreage. Small pillars not digitized are included in the acreage calculation. If the mine outline is not based on a final mine map, the acreage is followed by an estimate of additional acres that may have been mined. The estimate is determined from reported mine production, approximate thickness of the coal, and recovery rates calculated from nearby mines that used similar mining methods.

SHAFT, SLOPE, DRIFT OR TIPPLE LOCATIONS

Shaft, slope, drift, or tipple locations Locations of all known former entry points to underground mines or the location of coal cleaning, tipple, and shipping equipment used by the mine's facility are listed. The location is described in terms of county, township and range (Twp-Rge), section, and location within the section by quarters. NE SW NW, for instance, would describe the location in the northeast quarter of the southwest quarter of the northwest quarter. When sections are irregular in size, the quarters remain the same size and are oriented (or "registered") from the southeast corner of the section. Approximate footage from the section lines (FEL = from east line, FNL = from north line, for example) is given when that information is known; this indicates a surveyed location and is not derived from maps. Entry points are also plotted on the map and coded for the type of entry or tipple. A mine opening may have had many purposes during the life of the mine. Old hoist shafts are often later used for air and escape shafts; this information is included in the directory when known. The tipple for underground mines was generally located near the main shaft or slope. At surface mines, coal was sometimes hauled to a central tipple several miles from the mine pit.

GEOLOGY

Seam(s) mined The name of the coal seam(s) mined is listed, if known. If multiple seams were mined, they are all listed, although the mined-out area for each seam may be shown on separate maps. Figure 2 shows the stratigraphic section of the coal-bearing interval in Illinois, and the vertical relations among the coals.

Depth The depth to the top of the seam in the vicinity of the shaft is listed, if known. The depth is determined from notes made by geologists who visited the mine during its operation or from drill hole data in ISGS files. Depth generally varies little over the extent of a mine; however, reported depths for an individual mine may vary. Depth for surface-mined coals varies, and is usually represented as a range.

Thickness The approximate thickness of the mined seam is shown, if known. Thickness also comes from notes of geologists who visited the mine during its operation or from borehole data in ISGS files. Minimum, maximum, and average thicknesses are given when this information is available.

Mining method The principal mining method used at the mine (figs. 1A-H) is listed. See the mining methods section at the beginning of this directory for a discussion of this parameter.

Geologic problems reported Any known geologic problems, such as faults, water seepage, floor heaving, and unstable roof, encountered in the mine are reported. This information is from notes made by ISGS geologists who visited the mine, or from reports by mine inspectors published by the Illinois Department of Mines and Minerals, or from the source map(s). Geologic problems are not reported for active mines.

PRODUCTION HISTORY

Production history Tons of coal produced from the mine by each mine owner are totaled. When the source map used for the mine outline is not a final mine map, the tonnage produced since the date of the map is identified. For mines that extend into adjacent quadrangles, the tonnage reported includes areas mined in adjacent quadrangles.

SOURCE OF DATA

Source map This section lists information about the map(s) used to compile the mine outline and the locations of tipples and mine openings. In some cases more than one source map was used. For example, a map drawn before the mine closed may provide better information on original areas of the mine than a later map. When more than one map was used, the bibliography section explains what information was taken from each source.

Date The date of the most recent mine survey listed on the source map is reported.

Original scale The original scale of the source map is listed. Many maps are photo-reductions and are no longer at their original scale. The original scale gives some indication of the level of detail of the mine outline and the accuracy of the mine boundary relative to surface features. Generally, the larger the scale, the greater the accuracy and detail of the mine map. Mine outlines taken from source maps at scales smaller than 1:24,000 may be highly generalized and may well be inaccurately located with respect to surface features.

Digitized scale The scale of the digitized map is reported. The scale may be different from that of the original source map. In many cases the digitized map was made from a photo-reduction of the original source map, or the source map was not in a condition suitable for digitizing and the mine boundaries were transferred to another base map.

Map type Source maps are classified into five categories to indicate the probable completeness of the map. See discussion of source maps in the previous section.

Annotated bibliography Sources that provide information about the mine are listed, with the data taken from each source. Some commonly used sources are described below. Full bibliographic references are given for all other sources. Unless otherwise noted, all sources are available for public inspection at the ISGS.

Coal Reports Published since 1881, these reports contain tabular data on mine ownership, production, employment, and accidents. Some volumes include short descriptions made by mine inspectors of physical features and conditions in selected mines.

Directory of Illinois Coal Mines This source is a compilation of basic data about Illinois coal mines, originally gathered by ISGS staff in the early 1950s. Sources used for this directory are undocumented, but they are primarily Illinois Department of Mines and Minerals annual reports, ISGS mine notes, and coal company officials.

ENR Document 85/01, Guither, H. D., J. K. Hines, and R. A. Bauer, 1985 The Economic Effect of Underground Mining Upon Land Used for Illinois Agriculture: Illinois Department of Energy and Natural Resources Document 85/01, 185 p.

Microfilm map The U.S. Bureau of Mines maintains a microfilm archive of mine maps. A microfilm file for Illinois is available for public viewing at the ISGS.

Mine notes ISGS geologists have visited mines or contacted mine officials throughout the state since the early 1900s. Notes made during these visits range from brief descriptions of the mine location to long narratives (including sketches) of mining conditions and geology.

Federal Land Bank of St. Louis, Preliminary Reports on Subsidence Investigations Mining engineers working for the Federal Land Bank of St. Louis mapped areas of subsidence due to coal mining in the early 1930s. These reports often include county maps of mine properties with mined-out areas including shaft locations, as well as subsidence areas.

REFERENCES

Bauer, R. A., B. A. Trent, and P. B. Dumontelle, 1993, Mine Subsidence in Illinois: Facts for the Homeowner Considering Insurance: Illinois State Geological Survey, Environmental Geology Note 144, 16p.

Guither, H. D., J. K. Hines, and R. A. Bauer, 1985, The Economic Effects of Underground Mining Upon Land Used for Illinois Agriculture: Illinois Department of Energy and Natural Resources Document 85/01, 185p.

PART II DIRECTORY OF MINES IN THE SPRINGFIELD EAST & WEST QUADRANGLES

MINE SUMMARY SHEETS

A summary sheet on the geology and production history of each mine in the Springfield East & West Quadrangles is provided. These summary sheets are arranged numerically by mine index number. Consult Part I for a complete explanation of the data listed in the summary sheet.

Mine Index 36
Peabody Coal Company, Peabody No. 52 Mine

Type: Underground Total mined-out acreage shown: 2,995

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Sangamon	16N 4W	10	2550FSL, 2630FEL
Air shaft	Sangamon	16N 4W	9	NW SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	232	5.8	6.2	5.9	RPP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Riverton Coal Company	Riverton No. 2	1894-1902	1,456,032
Springfield Coal & Mining Company	Riverton No. 2	1902-1916	4,334,685
Springfield District Coal Company	Springfield District No. 2	1916-1918	957,684
Springfield District Coal Company	Springfield District No. 52	1918-1924	1,736,281
Peabody Coal Company	Peabody No. 52	1924-1932	2,246,608
			10,731,290

Last reported production: March 1932

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351228	5-20-1932	1:2400	1:4800	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Mine type, seam, depth, thickness.
Microfilm map, document 351228, reel 03134, frames 445-453 - Shaft locations, mine outline.

Mine Index 37
Peabody Coal Company, Peabody No. 59 Mine

Type: Underground Total mined-out acreage shown: 4,121

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Sangamon	16N 5W	13	2000 FSL, 115 FWL
Air shaft	Sangamon	16N 5W	13	2240 FSL, 1040 FWL
Air shaft	Sangamon	16N 4W	16	1220 FSL, 440 FWL

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	235			6.0	BRP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Beard & Goodwin	Beard & Goodwin	1884-1885	not reported
Springfield Coal & Tile Company	Springfield No. 1	1885-1899	938,786
Jones & Adams Coal Company	Springfield Colliery	1899-1904	995,983
Illinois Collieries Company	Illinois Collieries No. 8	1904-1909	804,243
Springfield Colliery Company	Jones & Adams	1905-1908 *	442,643
Jones & Adams Coal Company	Peerless No. 1	1908-1918	4,175,294
Peerless Coal Company	Peerless	1918-1929	2,099,711 **
Peabody Coal Company	Peabody No. 59	1930-1951	11,223,030
			20,679,690

* Two shafts worked the same reserves concurrently. The older shaft location may not be included on the accompanying map.
** Idle 1925-1929

Last reported production: September 1951

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351209	9-21-1951	1:4800	1:9600	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Mine type, shaft location, seam, depth, thickness.
Microfilm map, document 351209, reel 03134, frames 395-399 - Shaft locations, mine outline.

Mine Index 38
Peabody Coal Company, Peabody No. 53 Mine

Type: Underground Total mined-out acreage shown: 3,115

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Sangamon	15N 5W	3	SE NW SW
Air shaft	Sangamon	15N 5W	3	SE NW SE
Air shaft	Sangamon	15N 5W	3	SW NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	250	4.5	6.3	5.8	RPP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Central Coal Company	Central	1887-1891	160,179
Woodside Coal Company	Woodside	1891-1915	3,994,746
Springfield District Coal Company	Springfield District No. 3	1915-1918	689,679
Springfield District Coal Company	Springfield District No. 53	1918-1924	1,728,489
Peabody Coal Company	Peabody No. 53	1924-1944	7,318,004
			13,891,097

Last reported production: July 1944

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351212	7-31-1944	1:2400	1:9748	Final
Company, 4103.S33 i5.1-50	11-15-1930	1:2400	1:2400	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
Mine notes (Sangamon County) - Mine type, shaft location, seam, depth, thickness.
Microfilm map, document 351212, reel 03134, frames 403-404 - Mine outline, mining method.
Company map, ISGS map library, 4103.S33 i5.1-50 - Shaft locations, mine type.

Mine Index 39
Peabody Coal Company, Peabody No. 6 Mine

Type: Underground Total mined-out acreage shown: 2,009

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Sangamon	17N 5W	36	400FSL, 1150 FEL

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	198			6.0	RPP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Peabody Coal Company	Peabody	1904-1905	118,835
Illinois Midland Coal Company	Peabody No. 6	1905-1913	2,029,950
Peabody Coal Company	Peabody No. 6	1913-1927	7,028,855
			9,177,640

Last reported production: March 1927

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351220	1931	1:2400	1:5640	Final *

* This map has several areas that appear to be unmined, but they are probably areas of old workings that the surveyors were not able to access. We consider these to be mined-out.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Microfilm map, document 351220, reel 03134, frames 414-419 - Mine outline, shaft locations.

Mine Index 119
Lincoln Coal Corporation, Empire Mine

Type: Underground Total mined-out acreage shown: 934

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Sangamon	16N 5W	14	SW SW SW
Air shaft	Sangamon	16N 5W	10	SE SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	230	5.75	6.25	6.0	MRP

Geologic Problems Reported: Hard, dark gray floor clay heaves when wet where the rooms are too wide.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Dickerson Coal Company	Empire, No. 8	1882-1914	339,133 *
Montour Coal Company	Empire, No. 400	1914-1919	951,826
Pittsburg Coal Company	Pittsburg No. 400	1919-1921	390,163
Illinois Coal & Coke Corporation	Empire, No. 1	1921-1928	1,306,523
Lincoln Coal Corporation	Empire, No. 1	1928-1933	54,109 **
Panther Creek Mines, Inc.	Panther Creek No. 6	unknown	0 ***
			3,041,754

* Exact dates of operation not known. Production not reported for the period from 1882 to 1910. Based on the area mined, production not recorded may have been about two million tons.
** Idle 1929 to 1933; included in list of idle mines under the name of Lincoln Coal Company.
*** Included on a map of Panther Creek properties dated 2-5-1931, and labeled “No. 6, abandoned”. No production listed under this name.

Last reported production: February 1928

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351195	3-31-1928	unknown	1:4000	Not final †
Microfilm, document 351208	4-15-1952	1:2400	1:5280	Final
WPA	1938-1940	1:12000	1:29333	Secondary source

† Maps of the south part of the mine are not very detailed. Rooms are not shown and the entries are open to the south. The Illinois State Fairgrounds may have been undermined.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
Mine notes (Sangamon County) - Mine type, shaft location, seam, depth, thickness, geologic problems.
Microfilm map, document 351208, reel 03134, frame 394 (Panther Creek No. 5) - Shaft location, mine outline (south part).
Microfilm map, document 351195, reel 03134, frames 358-359 - Air shaft location, mine outline (north part), mining method.
WPA map - Mine outline (south part).

Mine Index 120
Panther Creek Mines, Inc., Panther Creek No. 3 Mine

Type: Underground Total mined-out acreage shown: 800

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft (8' X 14')	Sangamon	16N 5W	19	NW NE SE
Air shaft (8' X 13')	Sangamon	16N 5W	19	NE NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	171	5.0	6.0	5.5	MRP

Geologic Problems Reported: Clay “horsebacks” were reported, and there were many concretions in the black shale roof. The roof had some local areas that were difficult to support, which occurred where there were slips in the shale.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Spring Creek Coal Company	Spring Creek	1906-1926	3,092,420
Panther Creek Mines, Inc.	Panther Creek No. 3	1927-1931	379,097
			3,471,517

Last reported production: February 1931

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351204	3-31-1947	1:2400	1:5700	Final
Microfilm, document 351233	2-24-1930	1:2400	1:4800	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
Mine notes (Sangamon County) - Mine type, shaft location, seam, depth, thickness, geologic problems.
Microfilm map, document 351204, reel 03134, frames 375-380 (Panther Creek No. 4) - Mine outline.
Microfilm map, document 351233, reel 03134, frames 467-470 - Shaft locations, mine outline, mining method.

Mine Index 121
Bissell Coal Company, Clear Lake Mine

Type: Underground Total mined-out acreage shown: 325 Production indicates an additional 110 to 140 acres were mined after map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Sangamon	16N 4W	8	1450 FSL, 800 FWL

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	234	5.0	6.0	5.5	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Clear Lake Coal Company	Clear Lake	1892-1902	593,504
Spaulding Coal Company	Spaulding No. 2	1902-1905	421,330
Standard Washed Coal Company	Clear Lake	1905-1910	452,153
Idle		1911-1918	
Bissell Coal Company	Clear Lake	1918-1921	239,218
Bissell Coal Company	Clear Lake	1921-1923	520,067 *
Utility Coal Company	Bissell	1923-1923	22,930 *
			2,249,202

* Production after map date

Last reported production: September 1923

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351198	3-1-1921	1:2400	1:5040	Not final **

** Active faces appear to be at the extreme north end of the mine on this map.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Mine type, shaft location, seam, depth, thickness.
Microfilm map, document 351198, reel 03134, frames 363-364 - Shaft locations, mine outline.

Mine Index 122
Brewerton Coal Company, Brewerton No. 81 Mine

Type: Underground Total mined-out acreage shown: 765 Production indicates approximately 25 additional acres were mined after map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Sangamon	15N 5W	11	650 FSL, 440 FWL

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	235	5.0	6.0	5.5	RPP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Jefferson Coal Company	Jefferson	1901-1905	383,878
O'Gara Coal Company	Jefferson	1905-1907	220,072
O'Gara & King Coal Company	Jefferson	1907-1908	84,018
T. J. O'Gara Coal Company	Jefferson	1908-1913	392,707
Middle States Coal Company	Mid States No. 26	1913-1916	52,311
Sangamon County Coal Company	Jefferson	1916-1922	1,264,156
Brewerton Coal Company	Brewerton No. 81	1922-1925	956,919
Brewerton Coal Corporation	Brewerton No. 81	1926-1932 *	443,891
Jefferson Coal Mining Company	Jefferson No. 81	1933-1936 **	169,231
Jefferson Mine Employees	Jefferson No. 81	1937-1938	18,998
Brewerton Coal Company	Brewerton No. 81	1938-1938	113,720 ***
			4,099,901

* Idle 1931 & 1932
** Idle 1936
*** Production after map date

Last reported production: December 1938

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351217	2-22-1938	1:2400	1:5196	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Mine type, shaft location, seam, depth, thickness.
Microfilm map, document 351217, reel 03134, frames 409-410 - Shaft locations, mine outline.

Mine Index 310
Spaulding Coal Company, Spaulding No. 1 Mine

Type: Underground Total mined-out acreage shown: 433

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Sangamon	16N 4W	4	475 FNL, 555 FEL

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	238			6.1	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Riverton Coal Company	Riverton No. 2	1883-1884	4,100
Sangamon Coal & Mining Company	Sangamon No. 2	1884-1886	44,650
Illinois Fuel Company	Illinois Fuel	1886-1893	599,726
Phoenix Coal Company	Spaulding	1893-1895	83,793
William Rutledge	Spaulding	1895-1896	32,100
Spaulding Coal Company	Spaulding No. 1	1896-1905	767,835
Standard Washed Coal Company	Spaulding No. 1	1905-1911	394,344
Springfield Coal Company	Springfield	1911-1912 *	37,488
Spaulding Coal Company	Spaulding No. 1	1912-1913	25,200
			1,989,236

* Idle 1912

Last reported production: February 1913

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351228	5-20-1932	1:2400	1:4800	Incomplete**

** The main entrance of this mine is shown on the map for Peabody No. 52 (mine index 36). The mine appears to be connected to the Peabody mine. No rooms or panels are shown. The digitized outline is based on the main entries and possible extent of rooms and panels not shown. This outline is considered incomplete although it is large enough to account for all of the reported production.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Mine type, shaft location, seam, depth, thickness.
Microfilm map (Peabody No. 52), document 351228, reel 03134, frames 445-453 - Shaft location, mine outline.

Mine Index 312
Union Fuel Company, Union Fuel No. 2 Mine

Type: Underground Total mined-out acreage shown: 764

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Shaft (8.5 x 14.5 ft) *	Sangamon	15N 4W	5	0 FNL, 200 FWL

* An air shaft was noted in the Coal Report, 8 x 14 ft, but the location was not discernable on the source map.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	220			5.8	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Tuxhorn Coal Company	Tuxhorn	1903-1919	2,271,902
Union Fuel Company	Union Fuel No. 2	1919-1924	835,007
			3,106,909

Last reported production: April 1924

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351237	1925	1:2400	1:5520	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Mine type, seam, depth, thickness.
Microfilm map, document 351237, reel 03134, frames 474-477 - Shaft locations, mine outline.

Mine Index 313
Riverton Coal Company, Riverton No. 3 Mine

Type: Underground Total mined-out acreage shown: 218

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Shaft	Sangamon	15N 5W	9	SW NW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	235	5.9	6.3	6.0	RPP

Geologic Problems Reported: Horsebacks were common in this mine.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Wabash Coal & Mining Company	Wabash	1882-1887 *	284,465 *
Junction Coal Company	Junction	1887-1888	21,071
Springfield Junction Coal Mining Company	Junction	1888-1897	509,854
Junction Mining Company	Junction	1897-1901	304,302
Riverton Coal Company	Riverton No. 3	1901-1902	127,206
			1,246,898

* Years of operation and production before 1882 are not known. The 1882 Coal Report indicated 300 acres were mined. This is the probably location of Jacob Loose's mine, said to have opened in 1865 (in the 1873 History of Sangamon County).

Last reported production: 1902

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.S33 i5.1-47	3-25-1930	1:2400	1:2400	Secondary source **

** Mapped boundary may not include all areas mined by Wabash/Junction Mining Company.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Mine type, shaft location, seam, depth, thickness, ownership, geologic problems.
ISGS map library, 4103.S33 i5.1-47, map of Peabody No. 55 Mine (Mine Index 3340) - Shaft location, mine outline.

Mine Index 412
Peabody Coal Company, Peabody No. 51 Mine

Type: Underground Total mined-out acreage shown: 941

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Shaft	Sangamon	17N 5W	27	NW SW SE
Air / escape shaft	Sangamon	17N 5W	27	NW SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	210		5.8	5.5	RPP

Geologic Problems Reported: Horsebacks were common in this mine, and were sometimes pyritized and very hard. There was a slight displacement of the coal along the horsebacks. The roof was uneven due to concretions.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Cora Coal Company	Cora	1904-1915	1,425,891
Springfield District Coal Mining Company	Springfield District No. 1	1915-1918	628,437
Springfield District Coal Mining Company	Springfield District No. 51	1918-1925	638,993
Peabody Coal Company	Peabody No. 51, Cora	1925-1934	1,880,776
			4,574,097

Last reported production: March 1934

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351231	3-9-1934	1:2400	1:4155	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Seam, depth, thickness, geologic problems.
Microfilm map, document 351231, reel 03134, frames 460-463 - Shaft locations, mine outline.

Mine Index 440
Peabody Coal Company, Peabody No. 57 Mine

Type: Underground Total mined-out acreage shown: 4,171

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
No. 1 shaft	Sangamon	16N 5W	26	NW SE SW *
No. 2 shaft	Sangamon	16N 5W	35	SW NE NW *
36" air shaft	Sangamon	15N 5W	1	NW NW NW
36" air shaft	Sangamon	16N 4W	33	SW NW NE
Air shaft	Sangamon	16N 5W	36	SE NE NE

* No. 1 and No. 2 were both used as hoisting shafts from 1888 to 1901. After 1901, the No. 1 shaft was utilized for ventilation and escapement only.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	240			5.5	RPP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Capital Cooperative Coal Company	Capital No. 1	pre1882-1901	767,129 **
Capital Cooperative Coal Company	Capital No. 2	1887-1915	3,889,253
Springfield District Coal Company	Springfield District No. 7	1915-1918	620,574
Springfield District Coal Company	Springfield District No. 57	1918-1924	1,427,019
Peabody Coal Company	Peabody No. 57	1924-1950	12,604,508
			19,306,483

** Years of operation and production before 1882 are not known. The 1882 Coal Report indicates 55 acres were mined.

Last reported production: June 1950

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351248	6-30-1950	1:4800	1:8220	Final
ISGS map library, 4103.S33 i5.1-47	3-25-1930	1:2400	1:2400	Secondary source
Sanborn Fire Insurance Maps	1896	1:480	1:480	Secondary source ***

*** Shaft No. 1 was shown on the Sanborn Fire Insurance Maps with a clear relationship between the shaft location, streets and railroads. Mining was not indicated by the mine map in the immediate vicinity of the shaft location. A small area of probable mining was placed around the No. 1 shaft connecting it with the area of known mining.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Mine type, shaft location, seam, depth, thickness.
Microfilm map, document 351248, reel 03134, frames 498-500 - Shaft locations, size of air shafts, mine outline.
ISGS map library, 4103.S33 i5.1-47, map of Peabody No. 55 Mine (Mine Index 3340) - Shaft location, mine outline.
Sanborn Fire Insurance Maps, 1884, 1890, 1896, 1917 - Shaft locations for No. 1 and No. 2 shafts.

Mine Index 616
Mine B Coal Company, Mine "A"

Type: Underground Total mined-out acreage shown: 3,462 The boundary between Mine "A" and Mine "B" (mine index 617) is not discernible. The acreage shown reflects the area of both mines.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Shaft	Sangamon	16N 5W	32	SW NW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	202			5.3	RPP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Citizens Coal Mining Company	Mine "A"	1893-1923	2,566,087 *
Central Illinois Coal Mining Company	Mine "A"	1923-1941	4,022,808
Mine B Coal Company	Mine "A"	1941-1944	1,011,582
			7,600,477

* Idle 1916 and 1922

Last reported production: December 1944

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351210	3-26-1945	1:2400	1:5297	Final
Microfilm, document 351211	12-20-1947	1:2400	1:4138	Final
Microfilm, document 351204	3-31-1947	1:2400	1:5628	Secondary source
Company, 4102.S33 i5.1-54	1-1944	1:4800	1:4800	Not final
WPA	1938-1940	1:12000	1:29333	Secondary source
Microfilm, document 351199	5-13-1943	1:2400	1:4800	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Mine type, shaft location, seam, depth, thickness.
Microfilm map, document 351204, reel 03134, frames 377-378, Map of Panther Creek No. 4 Mine (mine index 618) - Mine outline (north & northwest).
Microfilm map, document 351210, reel 03134, frames 399-400 - Mine outline (north & northeast), shaft location.
Microfilm map, document 351211, reel 03134, frames 401-402 - Mine outline (southwest).
Company map, ISGS map library, 4103.S33 i5.1-54 - Mine outline (west).
WPA maps, T15N R5W, T16N R5W, T15N R6W, T16N R6W - Mine outline (south & southeast).
Microfilm map, document 351199, reel 03134, frame 365 - Mine outline (unmined area in SW SE 26-T16N-R6W).

Mine Index 617
Citizens Mining & Sales Company, Mine "B"

Type: Underground Total mined-out acreage shown: 3,462 The boundary between Mine "A" (mine index 616) and Mine "B" is not discernible. The acreage shown reflects area of both mines.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Shaft	Sangamon	16N 5W	31	NW SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	210			5.75	RPP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Citizens Coal Mining Company	Mine "B"	1897-1924	3,585,072
Buckley Coal Company	Mine "B"	1924-1927	1,323,708
Mine B Coal Company	Mine "B"	1928-1944	4,439,381 *
Citizens Mining & Sales	Mine "B"	1945-1947	71,504 **
			9,419,665

* Idle 1938
** Idle 1945

Last reported production: 1947

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351210	3-26-1945	1:2400	1:5297	Final
Microfilm, document 351211	12-20-1947	1:2400	1:4138	Final
Microfilm, document 351204	3-31-1947	1:2400	1:5628	Secondary source
Company, 4103.S33 i5.1-54	1-1944	1:4800	1:4800	Not final
WPA	1938-1940	1:12000	1:29333	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Mine type, shaft location, seam, depth, thickness.
Microfilm map, document 351204, reel 03134, frames 377-378, Map of Panther Creek No. 4 Mine (mine index 618) - Mine outline (north & northwest).
Microfilm map, document 351210, reel 03134, frames 399-400 - Mine outline (north & northeast).
Microfilm map, document 351211, reel 03134, frames 401-402 - Mine outline (southwest).
Company map, ISGS map library, 4103.S33 i5.1-54 - Mine outline (west).
WPA maps, T15N R5W, T16N R5W, T15N R6W, T16N R6W - Mine outline (south & southeast).

Mine Index 618
Panther Creek Mines, Inc., Panther Creek No. 4 Mine

Type: Underground Total mined-out acreage shown: 1,613

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Hoist shaft	Sangamon	16N 5W	29	NE SE NE
Air shaft	Sangamon	16N 5W	30	NW SW NE
Escape shaft	Sangamon	16N 5W	29	NW SE NE

Note: Shaft location for Old North Mine reputed to be in the vicinity of 1500 N. Lincoln. Exact location not known.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	150	5.5	6.0	5.6	RPP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Mrs. Charles R. Hurst	West End	1871-1882 *	32,000
West End Coal Company	West End, Old West	1882-1927	6,106,251
Panther Creek Mines, Inc.	Panther Creek No. 4	1927-1946	3,334,753
			9,473,004

* Production for 1871-1883 unknown. Possible location of Old North Mine, which opened in 1865. The 1882 Coal Report indicated 80 acres were mined.

Last reported production: April 1946

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351204	3-31-1947	1:2400	1:5628	Final **

** The southeast portion of the map may be incomplete, and mining may extend eat of the mapped boundary. The extent of the Old North Mine may not be included in the mapped boundary.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Mine type, shaft location, seam, depth, thickness.
Microfilm map, document 351204, reel 03134, frames 375-380 - Shaft locations, mine outline.

Mine Index 807
Sangamon Coal Company, Sangamon No. 2 Mine

Type: Underground Total mined-out acreage shown: 1,696

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Hoist shaft	Sangamon	16N 5W	26	NW SE NE
Air shaft	Sangamon	16N 4W	30	NE SW NW
Air shaft	Sangamon	16N 5W	26	NW SE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	256			6.6	MRP

Geologic Problems Reported: Roof was reported to give trouble when wet.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Sangamon Coal & Mining Company	Sangamon No. 1 & No. 2	1881-1889	704,538
Tracy, Fisher & Company	Tracy-Fisher	1889-1890	101,352
Sangamon Coal Company	Sangamon No. 2	1890-1916	3,478,232
Wilcoxen Coal & Coke Company	Wilcoxen	1916-1917	330,339
Sangamon Coal Company	Sangamon No. 2	1917-1936	4,278,032
			8,892,493

Last reported production: April 1936

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351232	6-1936	1:2400	1:4634	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Mine type, shaft location, seam, depth, thickness, geologic problems.
Microfilm map, document 351232, reel 03134, frames 464-465 - Shaft locations, mine outline, mining method.

Mine Index 2593

Type: Underground Total mined-out acreage shown: General area of mining shown; precise extent unknown.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Drift	Sangamon	16N 5W	15	NW SE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Chapel	26-28	2.0	3.0		unknown

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
unknown			

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
No source map available for this mine. Location based on report by Soil Testing Services.				

Annotated Bibliography (data source, brief description of information)

Subsurface Investigation for Proposed Department of Agriculture Building, Illinois State Fairgrounds, prepared for Loewenburg & Loewenburg by Soil Testing Services, Inc., Northbrook, IL, STS Job No. 18623, January 1977 - Location of 'void' area, depth, thickness.

Mine Index 3339
Springfield Coal & Mining Company, Springfield No. 4 Mine

Type: Underground Total mined-out acreage shown: 2,317 The southern part of this mine joins with Peabody No. 55 Mine (mine index 3340), and the exact boundary is unclear. The reported acreage corresponds to the total of Peabody No. 55 and Springfield No. 4 Mines.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Shaft	Sangamon	15N 5W	4	SE SW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	244	5.5	6.0	5.7	RPP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Speed Butler & Company	Black Diamond	pre1881-1885	226,210 *
J. W. Moore & Company	Black Diamond	1885-1888	167,070
Black Diamond Coal & Tile	Black Diamond	1888-1902	1,352,005
Springfield Coal & Mining Company	Springfield No. 4	1902-1909	1,068,717
			2,814,002

* Production and years of operation before 1881 are not known. The 1882 Coal Report indicated 20 acres were mined.

Last reported production: 1909

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.S33 i5.1-47	3-25-1930	1:2400	1:2400	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Mine type, shaft location, seam, depth, thickness.
ISGS map library, 4103.S33 i5.1-47, map of Peabody Coal Company Mine No. 55 (mine Index 3340) - Shaft location, mine outline, mining method.

Mine Index 3340
Peabody Coal Company, Peabody No. 55 Mine

Type: Underground Total mined-out acreage shown: 2,317 The north part of this mine joins with Springfield Coal & Mining Company Mine No. 4 (Mine Index 3339), and the exact boundary is unclear. The reported acreage corresponds to the total of Peabody No. 55 and Springfield No. 4 Mines.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Shaft	Sangamon	15N 5W	9	SW SE NW
Air shaft	Sangamon	15N 5W	9	SW SE NW
Escape shaft	Sangamon	15N 5W	8	SW SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	250	4.9	6.3	5.9	RPP

Geologic Problems Reported: Numerous horsebacks were identified, with a maximum observed displacement of 18 inches.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Springfield Coal & Mining Company	Springfield No. 5	1902-1916	3,234,253 *
Springfield District Coal Mining Company	Springfield District No. 5	1916-1918	655,279
Springfield District Coal Mining Company	Springfield District No. 55	1918-1924	2,397,058
Peabody Coal Company	Peabody No. 55	1924-1930 **	2,231,874
			8,518,464

* Springfield Coal & Mining Company bought the Junction Mine (Mine Index 313) in 1903, and named it the No. 5 Mine. However, the production figures indicate that the mining took place in the area mapped as Mine Index 3340.
** Idle 1931-1940, never re-opened

Last reported production: March 1930

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.S33 i5.1-47	3-25-1930	1:2400	1:2400	Final***

The east part of this mine adjoins Peabody Coal Company Mine No. 53 (Mine Index 38). The common boundary indicates an area of an uncertain boundary between the mines. The map shows numerous joinings between these two mines.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Mine type, shaft location, seam, depth, thickness, geologic problems.
Company map, ISGS map library, 4103.S33 i5.1-47 - Shaft locations, mine outline, mining method.

Mine Index 3347
Chicago-Springfield Coal Company, Chicago-Springfield Mine

Type: Underground Total mined-out acreage shown: 907

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Shaft	Sangamon	16N 5W	12	SW SW NW
Air / escape shaft	Sangamon	16N 5W	12	SW SW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	230			6.2	RPP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Chicago-Springfield Coal Company	Chicago-Springfield	1904-1927	4,305,164
			4,305,164

Last reported production: March 1927

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351239	2-1927	1:2400	1:5297	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Seam, depth, thickness.
Microfilm map, document 351239, reel 03134, frames 479-480 - Shaft locations, mine outline, mining method.

Mine Index 3348
Cantrall Cooperative Coal Company, Republic Mine

Type: Underground Total mined-out acreage shown: 410

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Shaft	Sangamon	16N 5W	22	SE NE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	245	5.5	6.0	5.7	unknown

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Wilmington & Springfield Coal Company	Wilmington & Springfield	pre1881-1896	1,171,438 *
Springfield Iron Company	Springfield Iron	1896-1899	291,508
Republic Iron & Steel Company	Republic	1899-1903	427,404
Wilmington & Springfield Coal Company	Republic	1903-1905	166,253
Jones & Adams Coal Company	Republic	1905-1908	110,590
Cantrall Cooperative Coal Company	Republic, later Canrall No. 3	1908-1914	452,510
			2,619,713

* Production and years of operation before 1881 are not known. The 1882 Coal Report indicated 225 acres were mined.

Last reported production: 1914

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Bauer, et al. map	4-1982	1:24000	1:24000	Secondary source **

** No map of the mine workings has been found. The area shown on this map is the property as shown by Bauer, et al., 1982. The reported production indicates that the entire property was mined. The Allen & Garcia Coal Mine & Property Location Map indicates that the SW quarter of section 23 (T16N R5W) may have been mined.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
Sanborn Fire Insurance Maps of Springfield, 1884, 1890, 1896 - Shaft location.
Bauer, et al., General Outlines of Mined-Out Areas of Springfield (No. 5) Coal, Springfield & Vicinity, December 1973, revised 1982 - Mine property outline.
Federal Land Bank of St. Louis, Preliminary Report on Subsidence Investigation, Sangamon County, Illinois, February 9, 1934, J. C. Quade, Mining Engineer - General property outline.
ISGS map library, 4103.S33 i5.1-27, Allen & Garcia Company, Coal Mine Location & Property Map - Mine outline.
ISGS map library, 4103.S33 i5.1-53, W. E. Dawson, Coal Mine Properties, Springfield, Illinois - Mine outline.

Mine Index 3349
Number Twelve Coal Company, No. 12 Mine

Type: Underground Total mined-out acreage shown: 141

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Shaft	Sangamon	16N 5W	20	SE NE SE
Air / escape shaft	Sangamon	16N 5W	20	SE NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	180			6.0	RPP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Number Twelve Coal Company	Number Twelve	1909-1920	236,730
Joseph Taylor	No. 12	1920-1922	63,928
Number 12 Coal Company	No. 12	1922-1923	25,000
Joseph Taylor Coal Company	No. 12	1923-1927	93,071
Number 12 Coal Company	No. 12	1928-1928	23,650
Joseph Taylor	No. 12	1929-1932	103,697
Number Twelve Coal Company	No. 12	1933-1941	207,967
			754,043

Last reported production: 1941

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351224	2-29-1934	1:1200	1:2317	Not final
Microfilm, document 351203	4-1948	1:2400	1:3972	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Seam, depth, thickness.
Microfilm map, document 351203, reel 03134, frames 371-371 (Panther Creek No. 2, Mine index 3350) - Mine outline.
Microfilm map, document 351224, reel 03134, frames 432-433 - Shaft locations.

Mine Index 3350
Panther Creek Mines, Inc., Panther Creek No. 2 Mine

Type: Underground Total mined-out acreage shown: 883

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Shaft	Sangamon	16N 5W	21	NE SE SW
Air shaft	Sangamon	16N 5W	21	NE NE NW
Air / escape shaft	Sangamon	16N 5W	21	NE SE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	200		5.8	5.6	RPP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Lincoln Park Coal & Brick Company	Peanut	1900-1926	1,451,142
Panther Creek Mines, Inc.	Panther Creek No. 2	1927-1948	1,765,684
			3,216,826

Last reported production: April 1948

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351208	4-15-1952	1:2400	1:5297	Final *
Microfilm, document 351203	4-1948	1:2400	1:3972	Final

* Map of Panther Creek No. 5 (mine index 3351), used for location of air shaft in north half of section 21.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Depth, thickness.
Microfilm map, document 351203, reel 03134, frames 370-372 - Shaft locations, mine outline.
Microfilm map, document 351208, reel 03134, frame 393 - Shaft location.

Mine Index 3351
Panther Creek Mines, Inc., Panther Creek No. 5 Mine

Type: Underground Total mined-out acreage shown: 1,805 Production indicates approximately nine additional acres were mined after the map date, probably along the northwest mine boundary.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Shaft	Sangamon	16N 5W	22	SE SW NE
Air shaft	Sangamon	16N 5W	10	SW SW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	244	5.5	6.5	5.8	RPP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Springfield Cooperative Coal Company	New North	1875-1925	4,054,298 *
New North Coal Company	New North	1925-1929	333,425
Panther Creek Mines, Inc.	Panther Creek No. 5	1929-1952	5,766,343
Panther Creek Mines, Inc.	Panther Creek No. 5	1952-1952	46,479 **
			10,200,545

* Production from 1875-1882 unknown. The 1882 Coal Report indicated 35 acres were mined.
** Production after map date.

Last reported production: December 1952

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351208	4-15-1952	1:2400	1:5297	Not final
WPA, T16N-R5W	1938-1940	1:12000	1:29333	Secondary source***

*** WPA map used to delineate extent of oldest workings, which were not shown on the microfilm map.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Shaft location, depth, thickness.
Microfilm map, document 351208, reel 03134, frames 389-394 - Shaft locations, mine outline.
WPA map, T16N R5W - Mine outline (south part only).

Mine Index 3352
Springfield Coal & Mining Company, Springfield No. 3 Mine

Type: Underground Total mined-out acreage shown: 517

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Shaft	Sangamon	16N 5W	24	SW SE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	256			6.6	MRP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Sangamon Coal Company	Starnes	pre1881-1889 *	212,829 *
Welsh, Starn & Company	Starnes	1889-1890	55,795
Starnes Coal Mining Company	Starnes	1890-1902	1,192,965
Springfield Coal & Mining Company	Springfield No. 3	1902-1911	998,293
			2,459,882

* The years of operation and production before 1881 are not known. The 1882 Coal Report indicated 30 acres were mined. The production from 1883 to 1885 was reported under Sangamon No. 3 Mine (mine index 807).

Last reported production: 1911

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Bauer, et al. map	4-1982	1:24000	1:37680	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Mine type, shaft location, depth, thickness, ownership.
Bauer et al., General Outlines of Mined-Out Areas of Springfield (No. 5) Coal, Springfield & Vicinity, 1973, revised 1982 - Mine outline.
Federal Land Bank of St. Louis, Preliminary Report on Subsidence Investigation, Sangamon County, Illinois, February 9, 1934, J. C. Quade, Mining Engineer - Verification of mine outline.

Mine Index 3357
Barclay Coal Mining Company, Barclay Mine

Type: Underground Total mined-out acreage shown: 573

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Sangamon	17N 4W	35	800 FSL, 1320 FEL
Air shaft	Sangamon	17N 4W	35	495 FSL, 290 FEL

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft) Min	Max	Ave	Mining Method
Springfield	256			6.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Barclay Coal Mining Company	Barclay	pre1881-1915 *	2,493,490 *
Williamson & Denney	Barclay	1916-1916	3,000
			2,496,490

* The production and years of operation before 1881 are not known. The 1882 Coal Report indicated 75 acres were mined.

Last reported production: March 1916

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 351228	5-20-1932	1:2400	1:5297	Incomplete **

** This outline was taken from the map of Peabody No. 52 Mine (mine index 36). The map shows only entries (no rooms or panels). We have drawn the mine outline to include possible mined areas between entries. Date of the mine data is unknown. The outline shown is large enough to account for the reported production. NOTE: The mine appears to be connected to Peabody No. 52.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
Directory of Illinois Coal Mines (Sangamon County) - Mine names, mine index, ownership, years of operation.
ENR Document 85/01 - Mining method.
Mine notes (Sangamon County) - Mine type, shaft location, seam, depth, thickness, ownership.
Microfilm map, document 351228, reel 03134, frames 445-453 - Shaft locations, mine outline.

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