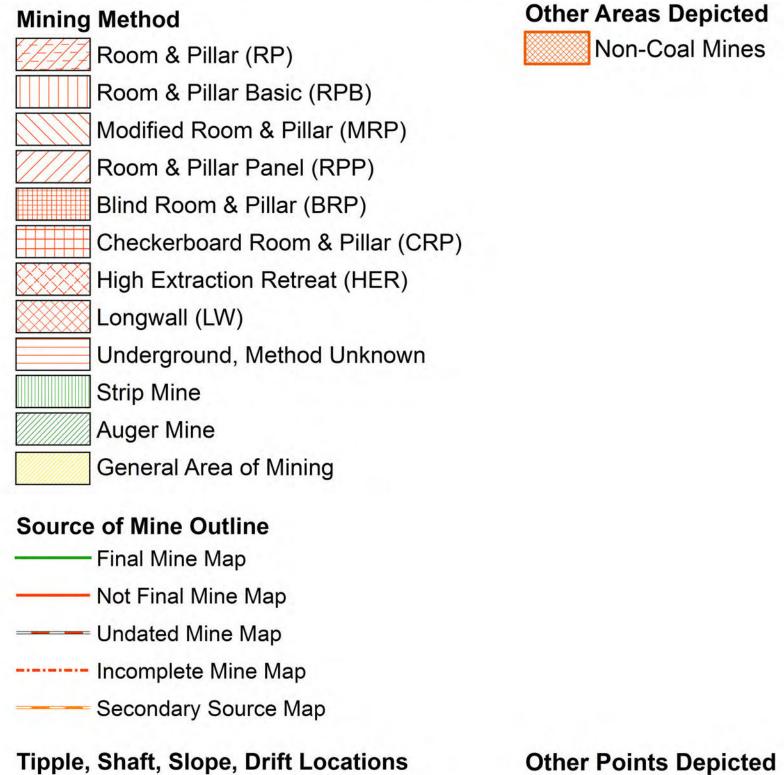


Coal Mines in Illinois Oak Hill Quadrangle **Peoria County, Illinois**

Herrin Coal

This map accompanies the Coal Mines Directory for the Oak Hill Quadrangle and the maps of mines in the Springfield Coal, Oak Hill Quadrangle. Consult the directory for a complete explanation of the information shown on this map.



- Strip Mine Tipple Active
- Strip Mine Tipple Abandoned
- Mine Shaft Active
- Mine Shaft Abandoned
- Mine Slope Active Mine Slope - Abandoned
- Mine Drift Active
- Mine Drift Abandoned
- Air Shaft
- **Uncertain Location**
- Uncertain Type of Opening

Mine Annotation (space permiting)

Company Mine Name

ISGS Index No., Years of Operation

Non-Coal Mines



Disclaimer

Please check the Coal Section at the Illinois State Geological Survey's web site at http://www.isgs.illinois.edu for the most up-to-date version of these products.

Note that each quadrangle scale mined-out area map requires the use of the associated text directory for full explanation of map features and mine attributes. Also note that some quadrangles have multiple seams of mining and therefore more than one map may be available for a particular quadrangle. Please take care to check for multiple maps, as extensive mining may exist in the other seams.

The maps and digital files used for these studies were compiled from data obtained from a variety of public and private sources and have varying degrees of completeness and accuracy. This compilation map presents reasonable interpretation of the geology of the area and is based on available data. Locations of some mine features may be offset by 500 feet or more due to errors in the original source maps, the compilation process, digitizing, or a combination of these factors. These data are not intended for use in site-specific screening or decision-making. Use of these documents does not eliminate the need for detailed studies to fully understand the geology of a specific site. The Illinois State Geological Survey, Prairie Research Institute, or the University of Illinois make no guarantee, expressed or implied, regarding the correctness of the interpretations presented in this data set and accept no liability for the consequences of decisions made by others on the basis of the information presented here.

These maps were designed for use at 1:24,000. Enlarging the map may reduce accuracy, as the original scale of the source maps used to compile the outlines shown varies from 1:400 to 1:150,000, and some mine locations are known only from text descriptions. See the accompanying mine directory for the original scale of the source map used for a specific mine to check accuracy of a given portion of the map. Areas with no mines shown may still be undermined; see the unlocated mines list at the back of each mine directory.

The image of the U.S.G.S. topographic base map was projected from the original UTM to Lambert Conformal Conic.

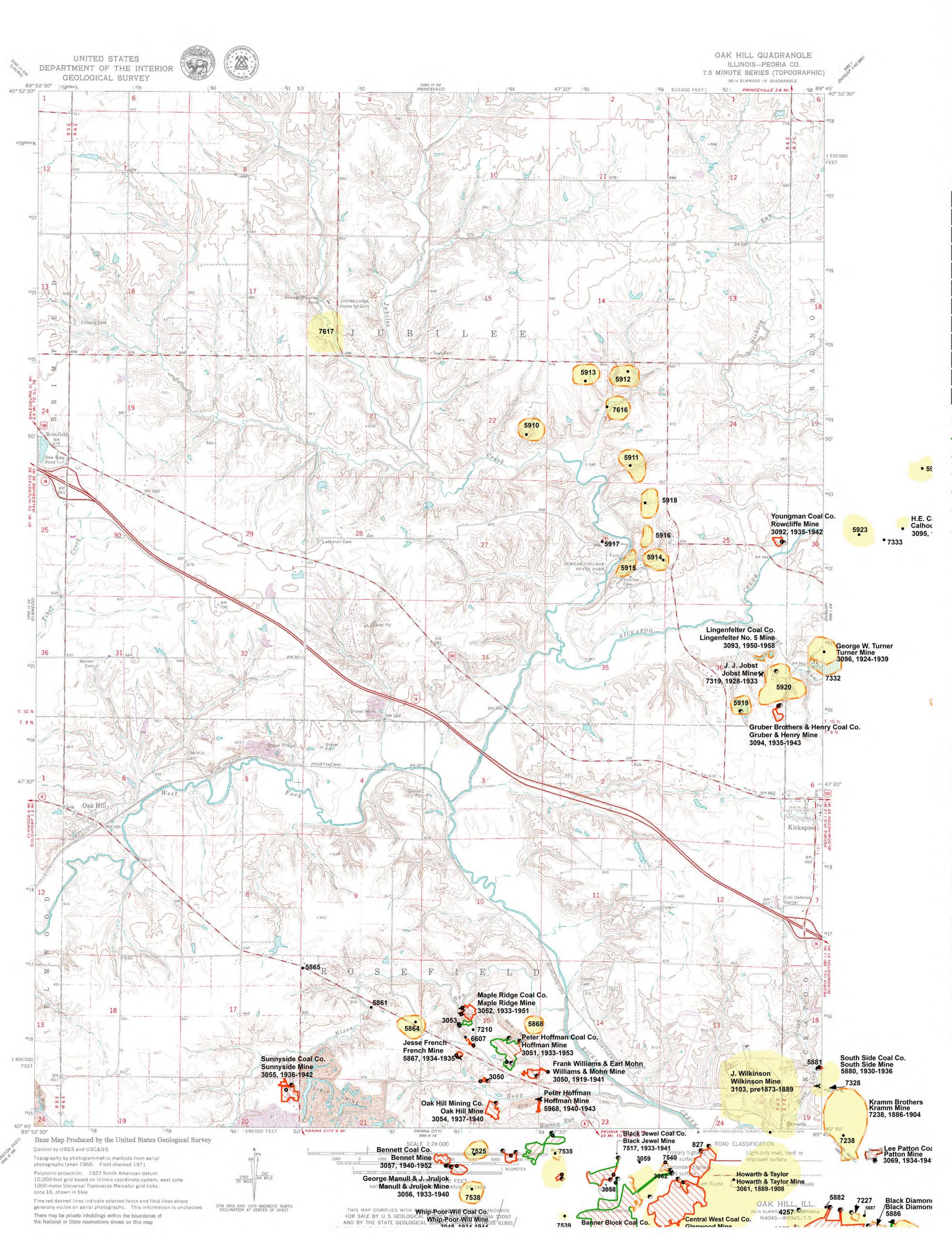




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Mine Outlines Compiled by C. Chenoweth & Alan R. Myers

June 2015

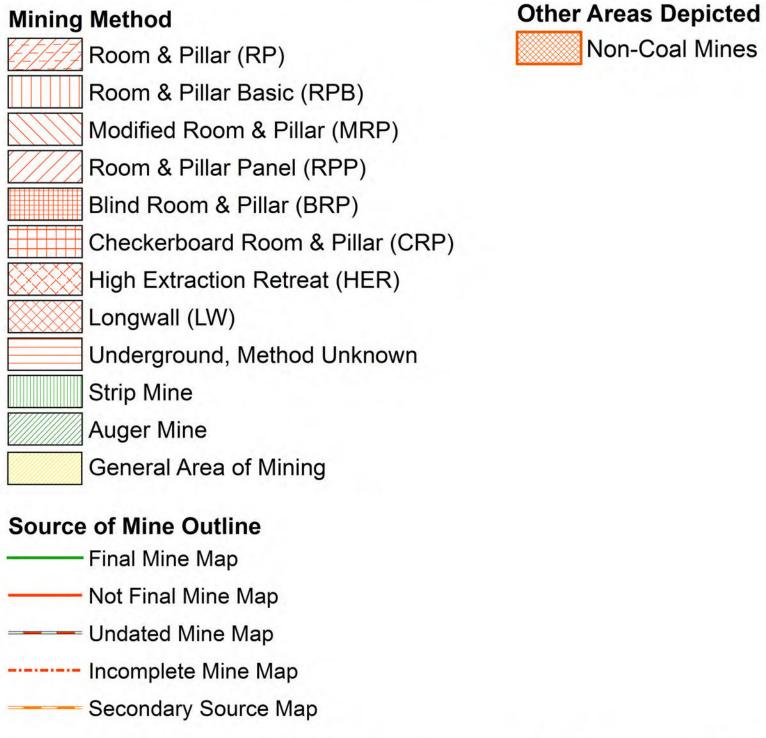


Coal Mines in Illinois Oak Hill Quadrangle Peoria County, Illinois

Springfield Coal

This map accompanies the Coal Mines Directory for the Oak Hill Quadrangle and the maps of mines in the Herrin Coal, Oak Hill Quadrangle.

Consult the directory for a complete explanation of the information shown on this map.



Tipple, Shaft, Slope, Drift Locations

- * Strip Mine Tipple Active
- Strip Mine Tipple Abandoned
- Mine Shaft Active
- Mine Shaft Abandoned
- Mine Slope Active
- Mine Slope Abandoned

 Mine Drift Active
- Mine Drift Active
- Mine Drift Abandoned
- Air Shaft
- Uncertain Location
- Uncertain Type of Opening

Mine Annotation (space permiting)

Company Mine Name

ISGS Index No., Years of Operation

Non-Coal Mines

Other Points Depicted





Disclaimer

Please check the Coal Section at the Illinois State Geological Survey's web site at http://www.isgs.illinois.edu for the most up-to-date version of these products.

Note that each quadrangle scale mined-out area map requires the use of the associated text directory for full explanation of map features and mine attributes. Also note that some quadrangles have multiple seams of mining and therefore more than one map may be available for a particular quadrangle. Please take care to check for multiple maps, as extensive mining may exist in the other seams.

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Mine Outlines Compiled by C. Chenoweth & Alan R. Myers

June 2015

DIRECTORY OF COAL MINES IN ILLINOIS 7.5-MINUTE QUADRANGLE SERIES **OAK HILL QUADRANGLE PEORIA COUNTY**

C. Chenoweth & Alan R. Myers



2015

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This material is based upon work supported by the Illinois Department of Transportation. Any opinions, findings, and conclusions or recommendations expressed in this publication are those of the authors and do not necessarily reflect the views of the Illinois Department of Transportation.
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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CONTENTS

NTRODUCTION	. 1
MINING IN THE OAK HILL QUADRANGLE	. 1
PART I EXPLANATION OF MAP AND MINE SUMMARY SHEET INTERPRETING THE MAP Mine Type and Mining Method Source Maps Points and Labels INTERPRETING A MINE SUMMARY SHEET	. 2
REFERENCES	. 8
PART II DIRECTORY OF MINES IN THE OAK HILL QUADRANGLE	. 9
MINE SUMMARY SHEETS Mine Index 887 Midland Coal Company, Elm Mine Mine Index 3050	. 9
Frank Williams & Earl Mohn, Williams & Mohn Mine	
Mine Index 3052 Maple Ridge Coal Company, Maple Ridge Mine	
Lawrence Dawson, Dawson Mine	
Mine Index 3055 Sunnyside Coal Company, Sunnyside Mine	
Mine Index 3091 Pemble & Howe Coal Company, Pemble & Howe Mine	
Youngman Coal Company, Rowcliffe Mine	
Mine Index 3094 Gruber Brothers & Henry Coal Company, Gruber & Henry Mine	
George W. Turner, Turner Mine Mine Index 3103 J. Wilkinson, Wilkinson Mine	
Mine Index 5861 William Vaughn, Vaughn Mine	
Mine Index 5862 Layne's Coal Company, Layne No. 3 Mine	23
Layne's Coal Company, Layne No. 2 Mine	
Jesse French, French Mine	
Mine Index 5872 Layne's Coal Company, Layne No. 1 Mine	27
South Side Coal Company, South Side Mine	
John Wickham Coal Company, Wickham Mine	

Mine Index 5968	
Peter D. Hoffman, Hoffman Mine	31
Mine Index 6607	
Oak Grove Coal Company, Oak Grove Mine	32
Mine Index 7210	
James Burns, Burns Mine	33
Mine Index 7319	
J. J. Jobst, Jobst Mine	34
OTHER MINES CHOWN ON CARCINI CHARRANGE	٥-
OTHER MINES SHOWN ON OAK HILL QUADRANGLE	
Mine Index 5864	
Mine Index 5865	
Mine Index 5868	
Mine Index 5891	
Mine Index 5892	
Mine Index 5893	
Mine Index 5894	
Mine Index 5895	
Mine Index 5903	35
Mine Index 5904	
Mine Index 5905	35
Mine Index 5906	35
Mine Index 5907	35
Mine Index 5908	35
Mine Index 5909	35
Mine Index 5910	35
Mine Index 5911	35
Mine index 5912	35
Mine Index 5913	
Mine Index 5914	35
Mine Index 5915	35
Mine Index 5916	
Mine Index 5917, William Williams, Jubilee Mine	
Mine Index 5918	
Mine Index 5919	
Mine Index 5920	
Mine Index 7328, Turner Mine	
Mine Index 7326, Turner Willie	
Mine Index 7632	
Mine Index 7615	
Mine Index 7616	
IVIIII OF ITUON 7010	J
MINES WHOSE LOCATIONS ARE NOT KNOWN, OAK HILL QUADRANGLE	36
	55
INDEX OF MINES IN THE OAK HILL QUADRANGLE	44

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.

This directory serves as a key to the accompanying mine map and provides basic information on the coal mines in the quadrangle. 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. Total production for the mine, not the portion in the quadrangle, is given.

MINING IN THE OAK HILL QUADRANGLE

Coal mining was taking place in the Oak Hill Quadrangle before 1873, as evidenced by several mines shown on the 1873 atlas of Peoria County in the southeastern corner of the quadrangle, near Kramm and Edwards Station (as it was known at that time).

Most of the mines accessed the Springfield Coal, particularly those mines in the southern and eastern parts of the quadrangle. The Springfield Coal was usually about 4 feet thick, and could be accessed by drift and shallow entries. Horsebacks were common. The mines further away from Edwards and Kramm were usually small, operated less than 20 years, and undermined only a few acres. The large surface mine in the southern part of the quadrangle (Elm Mine, mine index 887) only mined the Herrin Coal, which was also underground-mined in the western part of the quadrangle, especially in the ravines near Brimfield (in 18-T10N-R6E and 13-T10N-R5E).

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.

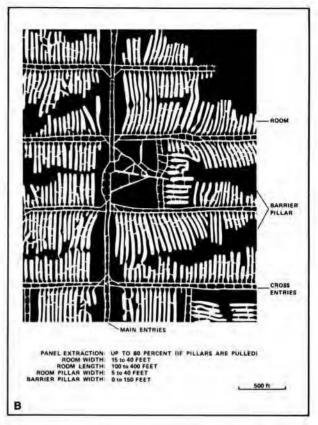
POINTS AND LABELS

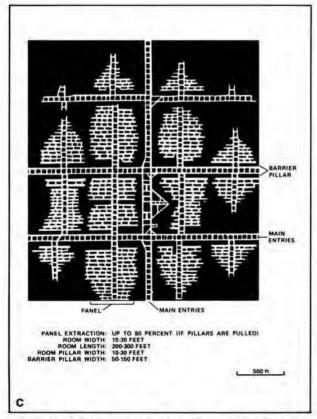
The locations of all known mine openings (shafts, slopes, and drifts) and surface mine tipples are plotted on the map. Tipples are areas where coal was cleaned, stockpiled, and loaded for shipping.

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.







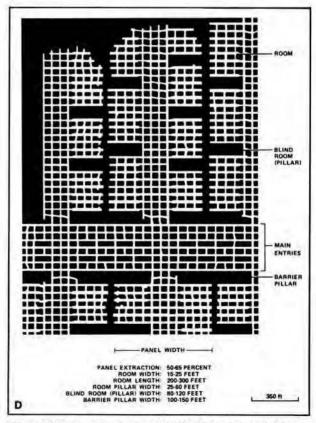
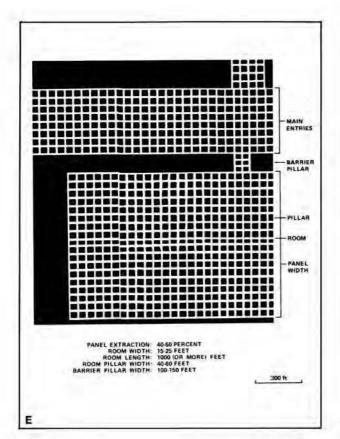
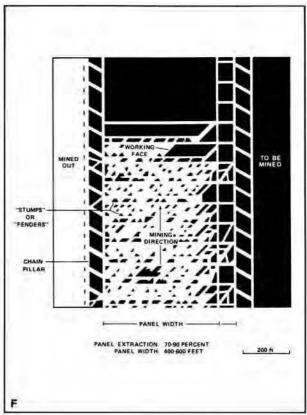
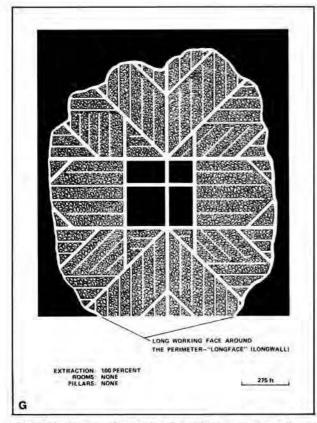


Figure 1 Mining methods: (A) room-and-pillar basic (RPB), (B) modified room and pillar (MRP), (C) room-and-pillar panel (RPP), (D) blind room and pillar (BRP).







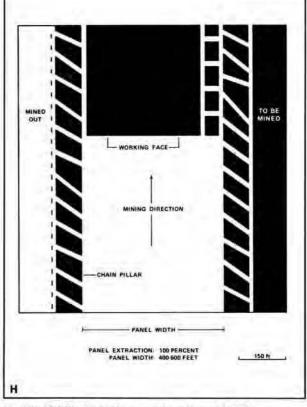


Figure 1 (cont.) Mining methods: (E) checkerboard room and pillar (CRP), (F) high extraction retreat (HER), (G) early (pre-1960) longwall, (H) post-1959 longwall

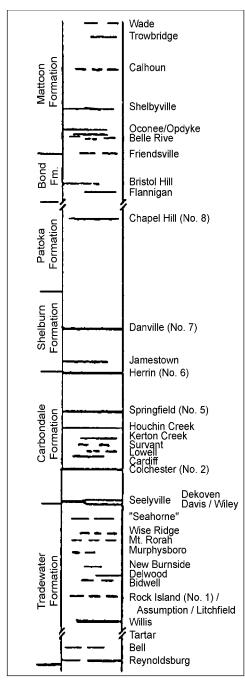


Figure 2 Generalized stratigraphic section, showing approximate vertical relations of coals in Illinois.

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.

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- 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.
- Smith, W. H. and D. J. Berggren, 1963, Strippable Coal Reserves of Illinois, Part 5A Fulton, Henry, Peoria, Stark, Tazewell, and parts of Bureau, Marshall, Mercer, and Warren Counties, Illinois State Geological Survey Circular 348, 59p., 4 pls.

PART II DIRECTORY OF MINES IN THE OAK HILL QUADRANGLE

MINE SUMMARY SHEETS

A summary sheet on the geology and production history of each mine in the Oak Hill Quadrangle 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 887 Midland Coal Company, Elm Mine

Type: Surface Total mined-out acreage shown: 3,519 The area shown on the accompanying map is larger than expected from the reported production and likely includes some areas that were unmined, but were impossible to identify as unmined on the photographic maps.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Туре	County	Township-Range	Section	Quarters-Footage	
Tipple	Peoria	9N 5E	24	NW SE SW	
GEOLOGY					
		Thickness	s (ft)	Mining	
Seam(s) Mined	Depth (ft)	Min Max	Avg	Method	
Herrin	55-78		2 67-4 25	Surface	

Geologic Problems Reported: The roof for the Herrin Coal was sometimes the Brereton Limestone, which was generally 1 to 2 feet thick but locally up to 4 feet thick. In 36-T9N-R5E, the Herrin Coal was heavily affected by "white top", a light gray clay material, and the thickness was highly variable. The white top material infiltrated the upper portion of the seam. This problem decreased downward in the coal, but made a very dirty product. Slip planes and cracks in the coal were observed, as well as clay dikes. The top of the seam was irregular. The blue band was about 2 inches thick in this area. Pyrite lenses up to 1.5 inches were noted, as were pyrite nodules.

PRODUCTION HISTORY

			Production	
Company	Mine Name	Years	(tons)	
Peabody Coal Company	Elm No. 1 & Bright Star No. 2	1968-1970	2,943,493	
Midland Coal Company	Elm	1970-1984	10,339,741	
. ,			13,283,234	

Last reported production: July 1984

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Мар Туре
Company, 6-393	1-1-1987	1:12000	1:12000	Final
Company, 10-9-7	3-1978	1:12000	1:12000	Not final
Company, 10-6-11	1-1-1979	1:12000	1:12000	Not final
NAIP digital ortho-photo quadrangles	2004	1:6000	1:6000	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, seam, depth, thickness, mining method.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine type, seam, mining method, tipple location, geologic problems.

Company map. Coal Section files, 6-393 - Mine outline, mining method.

Company map. Coal Section files. 10-9-7 - Mine outline.

Company map, Coal Section files, 10-6-11 - Mine outline.

National Agriculture Imagery Program map, digital ortho-photo guadrangle map, Hanna City and Farmington Quadrangles, 2004 - Mine outline.

USGS topographic map, Hanna City Quadrangle, 1971, Photorevised 1979 - Mine outline.

Mine Index 3050

Frank Williams & Earl Mohn, Williams & Mohn Mine

Type: Underground Total mined-out acreage shown: 5 Production indicates approximately 1 acre was mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Slope (western)	Peoria	9N 6E	15	SW SW SE
Air shaft (western)	Peoria	9N 6E	15	SW SW SE
Slope (eastern)	Peoria	9N 6E	15	SE SE SE
Air shaft (eastern)	Peoria	9N 6E	14	SW SW SW

GEOLOGY

010100.	Thickness (ft)			Mining		
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Springfield	40			4.1	MRP	

Geologic Problems Reported:

PRODUCTION HISTORY

			Production
Company	Mine Name	Years	(tons)
John C. Johnson	Johnson	1919-1928	5,060 *
Johnson & Snider	Johnson & Snider	1929-1931	600 **
Peter Johnson	Johnson	1932-1932	1,937
Henry F. Johnson	Johnson	1933-1937	13,388
Johnson & Sargent	Johnson & Sargent	1937-1937	228
Henry F. Johnson	Johnson	1938-1938	540
Johnson & Sargent	Johnson & Sargent	1939-1939	150
Johnson & Sargent	Johnson & Sargent	1939-1939	150 ***
Frank Williams & Earl Mohn	Williams & Mohn	1940-1941	430 ***
			22,483

^{*} Production was not reported in 1922 for mines producing less than 10,000 tons.

Last reported production: 1941

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Мар Туре
Microfilm, document 352177	2-6-1939	1:360	1:447	Not final †
Microfilm, document 352296	8-29-1936	1:600	1:993	Not final

[†] Incomplete on southwestern part of mine

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation. Mine notes (Peoria County) - Mine type, slope location, seam, depth, thickness.

Microfilm map, document 352177, reel 03138, frame 212 - Slope & shaft locations, mine outline (western).

Microfilm map, document 352296, reel 03138, frame 367 - Slope location, mine outline (eastern).

^{**} Production was not reported in 1930 and 1931 for mines producing less than 1,000 tons per year.

^{***} Production after map date

Mine Index 3051

Peter D. Hoffman Coal Company, Hoffman Mine

Type: Underground Total mined-out acreage shown: 21

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage	
Main slope	Peoria	9N 6E	15	NW SE SE	
Air shaft	Peoria	9N 6E	15	NE SW SE	
Escape shaft	Peoria	9N 6E	15	SW NE SE	
Escape slope	Peoria	9N 6E	15	SW NE SE	

GEOLOGY

	Inio	ckness (f	Mining			
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Springfield	20-80			3.83-4.0	MRP	

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)	
Joe Burdess	Burdess	1933-1938 *	2.760	
			,	
Patterson Coal Company	Patterson	1939-1940	7,378	
Hi Way Coal Company	Hi Way	1941-1946	22,401	
Peter D. Hoffman Coal Company	Hoffman	1946-1953	<u> 29,595</u>	
			62.134	

^{*} Idle 1937 & 1938

Last reported production: March 1953

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Map Type
Microfilm, document 352284	3-2-1953	1:2400	1:3972	Final, Incomplete

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine type, slope location, seam, depth, thickness.

Microfilm map, document 352284, reel 03138, frame 354 - Slope & shaft locations, mine outline, mining method.

Mine Index 3052 Maple Ridge Coal Company, Maple Ridge Mine

Type: Underground Total mined-out acreage shown: 6 Production indicates approximately 2 acres were mined. The area shown on the accompanying map is larger than expected for the reported production. Apparently other operators mined in this locale; see the unlocated mines at the back of this report. Less than 1 acre was mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Туре	County	Township-Range	Section	Quarters-Footage
Main drift	Peoria	9N 6E	15	SW SE NW
Air drift	Peoria	9N 6E	15	SW SE NW
Drift	Peoria	9N 6E	15	SW SE NW
Air shaft	Peoria	9N 6E	15	SW SE NW

GEOLOGY

		Thickness (ft)			Mining	
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Springfield	90-100			4.0	MRP	

Geologic Problems Reported:

PRODUCTION HISTORY

			Production	
Company	Mine Name	Years	(tons)	
Maple Ridge Coal Company	Maple Ridge	1933-1940	5,203	
Maple Ridge Coal Company	Maple Ridge	1940-1951 *	852 **	
			6,055	

Dun ali cations

Last reported production: 1951

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Map Type
Microfilm, document 352279	8-20-1940	1:600	1:786	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine type, seam, depth, thickness.

Microfilm map, document 352279, reel 03138, frame 345 - Drift & shaft locations, mine outline, mining method.

^{*} Idle 1942-1950

^{**} Production after map date

Mine Index 3053 Lawrence Dawson, Dawson Mine

Type: Underground Total mined-out acreage shown: 1

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	9N 6E	15	NW NE SW
Air slope	Peoria	9N 6E	15	NW NE SW

GEOLOGY

010100.		Thic	ckness (f	t)	Mining	
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Springfield	15-100	<u> </u>		4.0-4.83	MRP	

Geologic Problems Reported:

PRODUCTION HISTORY

			Production	
Company	Mine Name	Years	(tons)	
John Price	Price	1936-1936	410	_
Forrest French	French	1937-1939	2,637	
Joe C. Turner	Turner	1939-1939	455	
Red Bird Coal Company	Red Bird	1940-1940	331	
Lawrence Dawson	Dawson	1940-1941	<u>913</u>	
			4,746	

Last reported production: 1941

SOURCES OF DATA

		Original	Digitized		
Source Map	Date	Scale	Scale	Map Type	
Microfilm, document 352249	10-12-1941	1:600	1:993	Final	

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine type, seam, depth, thickness.

Microfilm map, document 352249, reel 03138, frame 315 - Slope locations, mine outline, mining method.

Mine Index 3054 Oak Hill Mining Company, Oak Hill Mine

Type: Underground Total mined-out acreage shown: 6 Production indicates less than 1 acre was mined. The area shown on the accompanying map is larger than expected for the reported production. Apparently other operators mined in this locale; see the unlocated mines at the back of this report. Less than 1 additional acre was mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Туре	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	9N 6E	22	SE NW NE

GEOLOGY

		l hi	ckness (1	it)	Mining	
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Springfield	12			4.0	MRP	

Geologic Problems Reported:

PRODUCTION HISTORY

			Production	
Company	Mine Name	Years	(tons)	
Lawrence Dawson	Dawson	1937-1938	1,568	•
Nixon Run Coal Company	Nixon Run	1939-1939	721	
Oak Hill Mining Company *	Oak Hill	1940-1940	<u>260</u> **	
			2,549	

^{*} Operated by Frank Renner & John Collear

Last reported production: 1940

SOURCES OF DATA

		Original	Digitized		
Source Map	Date	Scale	Scale	Map Type	
Microfilm, document 352253	5-24-1939	1:1800	1:1986	Not final	

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine type, slope location, seam, depth, thickness.

Microfilm map, document 352253, reel 03138, frame 319 - Slope location, mine outline, mining method.

^{**} Production after map date

Mine Index 3055 Sunnyside Coal Company, Sunnyside Mine

Type: Underground Total mined-out acreage shown: 10 Production indicates less than 1 acre was mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Туре	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	9N 6E	20	NE NE NE
Air shaft	Peoria	9N 6E	20	NE NE NE

GEOLOGY

		Thi	ckness (f	ft)	Mining	
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Springfield	104			4.0	MRP	

Geologic Problems Reported:

PRODUCTION HISTORY

			Production	
Company	Mine Name	Years	(tons)	
Seghi Brothers	Sunnyside	1936-1939	18,262	
Virgil Brown	Sunnyside	1939-1939	845	
Sunnyside Coal Company *	Sunnyside	1940-1942	4,573	
Sunnyside Coal Company	Sunnyside	1942-1942	<u>1,246</u> **	
			24.926	

^{*} Ownership of the mine changed from W. D. Strickland to Henry Wolford and then to Lee Patton in 1941, but the mine continued to operate under the name of Sunnyside Coal Company.

Last reported production: 1942

SOURCES OF DATA

		Original	Digitized		
Source Map	Date	Scale	Scale	Map Type	
Microfilm document 352257	7-3-1942	1.1200	1.2152	Not final	

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine type, slope location, seam, thickness.

Microfilm map, document 352257, reel 03138, frame 323 - Slope & shaft locations, mine outline, mining method, depth.

^{**} Production after map date

Mine Index 3091

Pemble & Howe Coal Company, Pemble & Howe Mine

Type: Underground Total mined-out acreage shown: Less than 1; production indicates less than 1 acre was mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	10N 6E	18	E ½ NW
Air shaft	Peoria	10N 6E	18	E ½ NW

GEOLOGY

		Thic	kness (ft	t)	Mining
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method
Herrin	13			5.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

			Production	
Company	Mine Name	Years	(tons)	
Pemble & Howe Coal Company *	Pemble & Howe	1937-1940	972	
Pemble & Howe Coal Company	Pemble & Howe	1940-1941	<u>788</u> **	
			1,760	

^{*} Also known as P. & H. Coal Company

Last reported production: 1941

SOURCES OF DATA

		Original	Digitized		
Source Map	Date	Scale	Scale	Map Type	
Microfilm, document 352252	2-11-1940	1:600	1:496	Not final	

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine type, slope location, seam, depth, thickness.

Microfilm map, document 352252, reel 03138, frame 318 - Slope & shaft locations, mine outline, mining method.

^{**} Production after map date

Mine Index 3092 Youngman Coal Company, Rowcliffe Mine

Type: Underground Total mined-out acreage shown: 3 Production indicates less than 1 acre was mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Peoria	10N 6E	25	SE SE NE
Air shaft	Peoria	10N 6E	25	SE SE NE

GEOLOGY

OLOLOG!		Thickness (ft)		Mining		
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Springfield	17			3.07	MRP	

Geologic Problems Reported:

PRODUCTION HISTORY

			Production
Company	Mine Name	Years	(tons)
Frank Murnan Coal Company	Murnan	1935-1937	4,298
James W. Rowcliffe Coal Company	Rowcliffe	1937-1940	5,130
L. Martin	Rowcliffe	1941-1941	350
Shaw Brothers	Rowcliffe	1941-1941	138 *
Youngman Coal Company	Rowcliffe	1942-1942	<u>88</u> *
			10,004

^{*} Production after map date

Last reported production: 1942

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Map Type
Microfilm, document 352261	4-26-1941	1:600	1:662	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine type, shaft location, seam, depth, thickness.

Microfilm map, document 352261, reel 03138, frame 327 - Shaft locations, mine outline, mining method.

Mine Index 3093

Lingenfelter Coal Company, Lingenfelter No. 5 Mine

Type: Surface Total mined-out acreage shown: 4

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	Peoria	10N 6E	36	SE NE

GEOLOGY

		Thickness (ft)			Mining	
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Springfield	20			3.5	Surface	

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	(tons)	
Robins Nest Coal Company	Robins Nest	1950-1951	8,395	
Albrecht Coal Company	Albrecht No. 4	1956-1956	479	
Lingenfelter Coal Company	Lingenfelter No. 5	1957-1958	<u>11,228</u>	
			20.102	

Last reported production: February 1958

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Мар Туре
Federal Land Bank Report	5-1934	1:142560	1:142560	Secondary source
USGS topographic map	1971	1:24000	1:24000	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Seam, depth, thickness.

Federal Land Bank Report (Peoria County) - Mine location.

USGS 7.5-minute topographic map, Oak Hill Quadrangle - Mine outline.

Mine Index 3094 Gruber Brothers & Henry Coal Company, Gruber & Henry Mine

Type: Underground Total mined-out acreage shown: 3 Production indicates less than 1 acre was mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Туре	County	Township-Range	Section	Quarters-Footage
Main slope	Peoria	10N 6E	36	NE SE SE
Escapement (air) shaft	Peoria	10N 6E	36	NE SE SE

GEOLOGY

0202001		Thickness (ft)		Mining		
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Springfield	20			3.0	MRP	

Geologic Problems Reported:

PRODUCTION HISTORY

			Production
Company	Mine Name	Years	(tons)
George Aman	Aman	1935-1936	702
Gruber Brothers	Gruber	1937-1942	9,056
Gruber Brothers	Gruber	1942-1942	614 *
Gruber Brothers & Henry Coal Company	Gruber & Henry	1943-1943	448 *
			10,820

^{*} Production after map date

Last reported production: 1943

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Мар Туре
Microfilm, document 352186	8-20-1942	1:600	1:869	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine type, slope location, seam, depth, thickness.

Microfilm map, document 352186, reel 03138, frame 224 - Shaft locations, mine outline, mining method.

Mine Index 3096 George W. Turner, Turner Mine

Type: Underground Total mined-out acreage shown: A 27 acre general area of mining is shown on the accompanying map. Production indicates approximately 5 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Туре	County	Township-Range	Section	Quarters-Footage
Main shaft	Peoria	10N 7E	31	NW SE NW
Air shaft	Peoria	10N 7E	31	SW SE NW *

^{*} Not shown on accompanying map

GEOLOGY

		l hickness (ft)		Mining		
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Springfield	30			3.17	RP	

Geologic Problems Reported:

PRODUCTION HISTORY

			Production
Company	Mine Name	Years	(tons)
Turner & Son	Turner	1924-1932	4,889 **
George W. Turner	Turner	1933-1939	9,389
•			14.278

^{**} Production was not reported in 1930 and 1931 for mines producing less than 1,000 tons per year.

Last reported production: 1939

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Мар Туре
Federal Land Bank Report ***	5-1934	1:142560	1:142560	Secondary source

^{***} A microfilm map exists (document 352290, reel 03138, frame 361), but the map could not be georegistered to the land surface and was not usable. That map was not final, extended to mining as of February 6, 1935.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine type, shaft location, seam, depth, thickness.

Microfilm map, document 352290, reel 03138, frame 361 - Mine type, mining method.

Federal Land Bank Report (Peoria County) - Mine outline, shaft location.

Mine Index 3103

J. Wilkinson, Wilkinson Mine

Type: Underground Total mined-out acreage shown: 251, in a general area of mining. Production indicates approximately 100 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Туре	County	Township-Range	Section	Quarters-Footage
Main drift or slope	Peoria	9N 6E	24	NE SE NE

GEOLOGY

		Thi	ckness (f	ft)	Mining	
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Springfield	60-82			4.0-4.5	RP	

Geologic Problems Reported:

PRODUCTION HISTORY

			Production	
Company	Mine Name	Years	(tons)	
Wilkinson & Wantling	Wilkinson & Wantling	pre1873-1882 *	63,500	
J. H. Wilkinson	Wilkinson	1882-1884	71,760	
Burlington Coal Company	Burlington	1884-1887	100,207	
J. Wilkinson	Wilkinson	1887-1889	39,181	
			274,648	

^{*} Ownership, production and years of operation before 1878 are not known. The 1879 Coal Report indicates 30 acres were mined.

Last reported production: 1889

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Map Type
Atlas of Peoria County	1873	1:31680	1:31680	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mine type, seam, depth, thickness, mining method. Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation. Atlas of Peoria County, 1873 - General location of mine.

Mine Index 5861 William Vaughn, Vaughn Mine

Type: Underground Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Туре	County	Township-Range	Section	Quarters-Footage
Main shaft	Peoria	9N 6E	16	SW SW NE

GEOLOGY

		Thi	ckness (f	t)	Mining	
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Springfield	26			4.0	Underground	

Geologic Problems Reported:

PRODUCTION HISTORY

			Production	
Company	Mine Name	Years	(tons)	
Gore Coal Company	Gore	1935-1936	516	
William Vaughn	Pocahontas	1940-1941	<u>88</u>	
			604	

Last reported production: 1941

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Мар Туре
ISGS Circular 548, Plate 2	1963	1:125000	1:125000	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine name, mine type, shaft location, seam, depth, thickness.

Smith, W. H. & D. J. Berggren, Strippable Coal Reserves of Illinois, Part 5A, Plate 2, Springfield (No. 5) Coal - Mine location.

Mine Index 5862 Layne's Coal Company, Layne No. 3 Mine

Type: Surface Total mined-out acreage shown: 17 Production indicates approximately 4 acres were mined. Other operators may have excavated at this location.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple or pit	Peoria	9N 6E	22	N ½ NW
Pit	Peoria	9N 6E	15	N ½ SE

GEOLOGY

0101001		Thickness (ft)	Mining	
Seam(s) Mined	Depth (ft)	Min Max Ávg	Method	
Herrin			Surface	

Geologic Problems Reported:

PRODUCTION HISTORY

			Production	
Company	Mine Name	Years	(tons)	
Layne's Coal Company	Layne No. 3	1959-1962	25,785	
			25,785	

Last reported production: August 1962

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Map Type
Mine notes	Undated	(text only)	1:24000 *	Secondary source
USGS topographic map	1971	1:24000	1:24000	Secondary source

^{*} The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mining method.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine location.

USGS 7.5-minute topographic map, Oak Hill Quadrangle - Mine outline.

Mine Index 5863 Layne's Coal Company, Layne No. 2 Mine

Type: Surface Total mined-out acreage shown: 13

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	Peoria	9N 6E	22	NE NE

GEOLOGY

		Thickness (ft)		Mining		
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Herrin	15-20			4.0	Surface	

Geologic Problems Reported:

PRODUCTION HISTORY

			Production
Company	Mine Name	Years	(tons)
Layne's Coal Company	Layne No. 2	1958-1963 *	32,593 32.593

^{*} Idle 1961

Last reported production: February 1963

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Мар Туре
Mine notes	Undated	(text only)	1:24000 *	Secondary source
USGS topographic map	1971	1:24000	1:24000	Secondary source

^{*} The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, mining method.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine location, depth, thickness.

USGS 7.5-minute topographic map, Oak Hill Quadrangle - Mine outline.

Mine Index 5867 Jesse French, French Mine

Type: Underground Total mined-out acreage shown: 1 The acres mined after the map date are not known, as are the years and reporting name at the time the mine map was produced.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Туре	County	Township-Range	Section	Quarters-Footage
Drift or slope	Peoria	9N 6E	15	NW SE SW
Air shaft	Peoria	9N 6E	15	NW SE SW

GEOLOGY

3232331		Thickness (ft)			Mining	
Seam(s) Mined	Depth (ft)	Min	Max	Ávg	Method	
Springfield					MRP	

Geologic Problems Reported:

PRODUCTION HISTORY

			Production	
Company	Mine Name	Years	(tons)	
Jesse French	French	1934-1935	300	
			300	

Last reported production: 1935

SOURCES OF DATA

		Original	Digitized		
Source Map	Date	Scale	Scale	Map Type	
Microfilm, document 352277	4-2-1938	1:600	1:497	Not final *	

^{*} The map date is 1938 while production was reported only in 1934 and 1935. It is possible that someone else operated the mine after Jesse French's reported production. (See the unlocated mines at the back of this report.)

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation. Microfilm map, document 352277, reel 03138, frame 343 - Drift & shaft locations, mine outline, mining method.

Mine Index 5869 Layne's Coal Company, Layne No. 5 Mine

Type: Surface Total mined-out acreage shown: None; production indicates approximately 4 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	Peoria	9N 6E	14	E ½ W ½

GEOLOGY

		Thickness (ft)		Mining		
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Herrin	30-50			4.0	Surface	

Geologic Problems Reported:

PRODUCTION HISTORY

			Production	
Company	Mine Name	Years	(tons)	
Layne's Coal Company	Layne No. 5	1962-1965	26,512	
			26,512	

Last reported production: April 1965

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Мар Туре
Mine notes	Undated	(text only)	1:24000 *	Secondary source

^{*} The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine location, depth, thickness.

Mine Index 5872 Layne's Coal Company, Layne No. 1 Mine

Type: Surface Total mined-out acreage shown: None; production indicates approximately 2 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Туре	County	Township-Range	Section	Quarters-Footage
Tipple or pit	Peoria	9N 6E	22	SE NW

GEOLOGY

0202001		Thickness (ft)	Mining	
Seam(s) Mined	Depth (ft)	Min Max Avg	Method	
Herrin			Surface	

Geologic Problems Reported:

PRODUCTION HISTORY

			Production	
Company	Mine Name	Years	(tons)	
Layne's Coal Company	Layne No. 1	1957-1958	<u>9,304</u>	
			0.304	

Last reported production: May 1958

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Мар Туре
Coal Section mine database	Undated	(text only)	1:24000 *	Secondary source

^{*} The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine Index 5880 South Side Coal Company, South Side Mine

Type: Underground Total mined-out acreage shown: None; production indicates approximately 3 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Туре	County	Township-Range	Section	Quarters-Footage
Slope	Peoria	9N 7E	18	NW SE SW
Air slope	Peoria	9N 7E	18	NW SE SW *

^{*} Not shown on the accompanying map. The map source used was very general (the mine map had no features to register to the land surface), and the slope location is general, so the air slope was not designated. The air slope is near the main slope in a southwestern direction.

GEOLOGY

		Thi	ckness (f	ft)	Mining	
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Springfield					MRP	

Geologic Problems Reported:

PRODUCTION HISTORY

			Production	
Company	Mine Name	Years	(tons)	
South Side Coal Company	South Side	1930-1936	10,320	
			10,320	

Last reported production: 1936

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Мар Туре
Federal Land Bank Report	5-1934	1:142560	1:142560	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Federal Land Bank Report (Peoria County) - Mine outline (general), slope location.

Microfilm map, document 352268, reel 03138, frame 334 - Mine type, mining method.

Mine Index 5881 John Wickham Coal Company, Wickham Mine

Type: Underground Total mined-out acreage shown: Less than 1; production indicates less than 1 additional acre was mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Slope	Peoria	9N 7E	18	NW SE SW
Air shaft	Peoria	9N 7E	18	NW SE SW

GEOLOGY

		Thickness (ft)			Mining	
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Springfield					MRP	

Geologic Problems Reported:

PRODUCTION HISTORY

			Production	
Company	Mine Name	Years	(tons)	
John Wickham Coal Company	Wickham	1928-1929	1,100	
John Wickham Coal Company	Wickham	1929-1929	<u>500</u> *	
			1,600	

^{*} Production after map date

Last reported production: 1929

SOURCES OF DATA

		Original	Digitized		
Source Map	Date	Scale	Scale	Map Type	
Microfilm, document 352266	8-1-1929	1:1200	1:1324	Not final	

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation. Microfilm map, document 352266, reel 03138, frame 332 - Slope & shaft locations, mine outline, mining method.

Mine Index 5899 Layne's Coal Company, Layne No. 4 Mine

Type: Surface Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Туре	County	Township-Range	Section	Quarters-Footage
Pit	Peoria	10N 6E	18	SE NW

GEOLOGY

0202001		Thickness (ft)	Mining
Seam(s) Mined	Depth (ft)	Min Max Avg	Method
Herrin			Surface

Geologic Problems Reported:

PRODUCTION HISTORY

			Production	
Company	Mine Name	Years	(tons)	
Layne's Coal Company	Layne No. 4	1960-1961	2,428	
			2 428	

Last reported production: March 1961

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Мар Туре
Mine notes	Undated	(text only)	1:24000 *	Secondary source

^{*} The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation. Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation. Mine notes (Peoria County) - Mine location.

Mine Index 5968 Peter D. Hoffman, Hoffman Mine

Type: Underground Total mined-out acreage shown: Less than 1; production indicates approximately 2 acres were mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Drift	Peoria	9N 6E	22	NE SE NE
Air drift	Peoria	9N 6E	22	NE SE NE

GEOLOGY

		Thi	ckness (f	ft)	Mining	
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Springfield	50			3.67	MRP	

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Henry Knaggs	Knaggs	1940-1940	806
Roy Knaggs	Knaggs	1941-1942	3,021
Peter D. Hoffman	Hoffman	1942-1943	<u>11,580</u> *
			15,407

^{*} Production after map date

Last reported production: 1943

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Map Type
Microfilm, document 352263	1942	1:1200	1:1324	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, seam.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine type, drift location, seam, depth, thickness.

Microfilm map, document 352263, reel 03138, frame 329 - Drift locations, mine outline, mining method.

Mine Index 6607 Oak Grove Coal Company, Oak Grove Mine

Type: Underground Total mined-out acreage shown: Less than 1; production indicates less than 1 acre was mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Depth (ft)

Type	County	Township-Range	Section	Quarters-Footage	
Main slope	Peoria	9N 6E	15	NE SW	
Air shaft	Peoria	9N 6E	15	NE SW	
GEOLOGY					
OLOLOG!		Thicknes	s (ft)	Mining	

Max

Avg

Method

MRP

Min

Geologic Problems Reported:

Seam(s) Mined

Springfield

PRODUCTION HISTORY

			Production	
Company	Mine Name	Years	(tons)	
Oak Grove Coal Company	Oak Grove	1933-1933	722	
Oak Grove Coal Company	Oak Grove	1933-1935	<u>1,880</u> *	
			2 602	

^{*} Production after map date

Last reported production: 1935

SOURCES OF DATA

		Original	Digitized		
Source Map	Date	Scale	Scale	Map Type	
Microfilm, document 352272	9-9-1933	1:600	1:745	Incomplete	

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, seam, ownership, years of operation. Microfilm map, document 352272, reel 03138, frame 338 - Air shaft location, mine outline, mining method,

general description of mine entrance location.

Mine Index 7210 James Burns, Burns Mine

Type: Underground Total mined-out acreage shown: None; production indicates less than 1 acre was mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main drift	Peoria	9N 6E	15	NE NE SW

GEOLOGY

		Thi	ckness (f	ft)	Mining	
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Springfield	15			3.17-4.0	Underground	

Geologic Problems Reported:

PRODUCTION HISTORY

		Production	
Mine Name	Years	(tons)	
Krummel	1934-1938 *	437	
Andrews	1939-1940	1,367	
Burns	1940-1941	<u>75</u>	
		1,879	
	Krummel Andrews	Krummel 1934-1938 * Andrews 1939-1940	Mine Name Years (tons) Krummel 1934-1938 * 437 Andrews 1939-1940 1,367 Burns 1940-1941 75

^{*} Idle 1937 & 1938

Last reported production: 1941

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Map Type
Mine notes	Undated	(text only)	1:24000 **	Secondary source

^{**} The mine location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

Mine notes (Peoria County) - Mine type, drift location, seam, depth, thickness.

Microfilm map, document 351452, reel 03136, frames 158, 159 - Shaft locations, mine outline, mining method.

Mine Index 7319 J. J. Jobst, Jobst Mine

Type: Surface Total mined-out acreage shown: None; production indicates approximately 8 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Туре	County	Township-Range	Section	Quarters-Footage
Pit / tipple	Peoria	10N 6E	36	NW NE SE

GEOLOGY

		Thi	ckness (f	t)	Mining	
Seam(s) Mined	Depth (ft)	Min	Max	Avg	Method	
Springfield				2.9	Surface	

Geologic Problems Reported:

PRODUCTION HISTORY

			Production	
Company	Mine Name	Years	(tons)	
J. J. Jobst	Jobst	1928-1933	40,231	
			<i>4</i> 0 231	

Last reported production: 1933

SOURCES OF DATA

		Original	Digitized	
Source Map	Date	Scale	Scale	Мар Туре
ISGS field notes (H. B. Willman)	8-21-1930	1:62500	1:24000 *	Secondary source

^{*} The mine location in the field notes was sketched in the correct quarter-quarter-quarter. That location was plotted on a 1:24000 USGS topographic map from the mine location description and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Directory of Illinois Coal Mines (Peoria County) - Mine names, mine index, ownership, years of operation.

ISGS field notes (Peoria County) - Mine type, pit location, thickness.

OTHER MINES SHOWN ON OAK HILL QUADRANGLE

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Mine Index 5864 NE NE SE 16-T9N-R6E, drift, Springfield Coal source: Federal Land Bank Report (5-1934)
Mine Index 5865 NW NW NW 16-T9N-R6E, Springfield Coal source: ISGS Circular 348, Plate 2 (1963)
Mine Index 5868 NE NE SE 15-T9N-R6E, Springfield Coal source: Federal Land Bank Report (5-1934)
Mine Index 5891 NE SE SE 13-T10N-R5E, drift, Herrin Coal, 3.9 ft thick source: ISGS field notes (H. R. Wanless,
        7-10-1930)
Mine Index 5892 SW NE SE 13-T10N-R5E, two drifts, Herrin Coal source: ISGS field notes (H. R. Wanless,
        7-10-1930)
Mine Index 5893 NE NE SE 13-T10N-R5E, Herrin Coal source: ISGS field notes (G. H. Cady, 8-13-1936)
Mine Index 5894 NW NE SE 13-T10N-R5E, Herrin Coal source: ISGS field notes (G. H. Cady, 8-13-1936)
Mine Index 5895 SW SE NE 13-T10N-R5E, Herrin Coal source: ISGS field notes (G. H. Cady, 8-13-1936)
Mine Index 5903 SW NE SE 7-T10N-R6E, Herrin Coal source: Federal Land Bank Report (5-1934)
Mine Index 5904 SE NW SW 18-T10N-R6E, Herrin Coal source: ISGS field notes (G. H. Cadv. 8-13-1936)
Mine Index 5905 NE NW SW 18-T10N-R6E, Herrin Coal source: ISGS field notes (G. H. Cady, 8-13-1936)
Mine Index 5906 N ½ NE SE 18-T10N-R6E, Herrin Coal source: ISGS field notes (G. H. Cady, 8-13-1936)
Mine Index 5907 SE SE NE 18-T10N-R6E, Herrin Coal source: ISGS field notes (G. H. Cady, 8-13-1936)
Mine Index 5908 N 1/2 SE NE 18-T10N-R6E, Herrin Coal source: ISGS field notes (G. H. Cady, 8-13-1936)
Mine Index 5909 NE NW NE 19-T10N-R6E, Herrin Coal source: ISGS field notes (G. H. Cady, 8-13-1936)
Mine Index 5910 W ½ NE SE 22-T10N-R6E, slope, Springfield Coal source: Federal Land Bank Report (5-1934)
Mine Index 5911 NE SW SE 23-T10N-R6E, slope, Springfield Coal source: Federal Land Bank Report (5-1934)
Mine index 5912 NE NW NE 23-T10N-R6E, shaft, Springfield Coal source: Federal Land Bank Report (5-1934)
Mine Index 5913 SW NE NW 23-T10N-R6E, slope, Springfield Coal source: Federal Land Bank Report (5-1934)
Mine Index 5914 SE NE SE 26-T10N-R6E, slope, Springfield Coal source: Federal Land Bank Report (5-1934)
Mine Index 5915 NW SE 26-T10N-R6E, Springfield Coal source: Federal Land Bank Report (5-1934)
Mine Index 5916 SE NE 26-T10N-R6E, Springfield Coal source: Federal Land Bank Report (5-1934)
Mine Index 5917, William Williams, Jubilee Mine 26-T10N-R6E, drift, Springfield Coal source: Microfilm,
        document 352262, reel 03138, frame 328 (8-22-1942)
Mine Index 5918 SW NE NE 26-T10N-R6E, slope, Springfield Coal source: Federal Land Bank Report (5-1934)
Mine Index 5919 SW SE 36-T10N-R6E, slope, Springfield Coal source: Federal Land Bank Report (5-1934)
Mine Index 5920 NE NE SE 36-T10N-R6E, slope, Springfield Coal source: Federal Land Bank Report (5-1934)
Mine Index 7328, Turner Mine SW SE SW 18-9N-7E, drift, Springfield Coal source: Microfilm, document
        352266, map of Wickham Mine (mine index 5881), general area of mining from Federal Land Bank
        Report (5-1934)
Mine Index 7332 N ½ NE SW 31-T10N-R7E, surface, Springfield Coal, 3.5-4.0 feet thick source: ISGS field
        notes (G. H. Cady, et al., undated)
Mine Index 7614 NW NW NW 17-T10N-R6E, Herrin Coal source: Atlas of Peoria County (1873)
Mine Index 7615 SE SE 7-T10N-R6E, Herrin Coal source: Atlas of Peoria County (1873)
Mine Index 7616 S \frac{1}{2} N \frac{1}{2} 23-T10N-R6E, Springfield Coal source: Federal Land Bank Report (5-1934)
Mine Index 7617 SW SW 16-T10N-R6E, Springfield Coal source: ISGS Circular 348, Plate 2 (1963) and
        Federal Land Bank Report (5-1934)
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MINES WHOSE LOCATIONS ARE NOT KNOWN, OAK HILL QUADRANGLE

The locations of the following mines are unknown, but the production tonnage, operating names, and nearest town were reported in the Annual Coal Reports. The operators listed below mined in or near the Oak Hill Quadrangle. The information shown is similar to that presented on the summary sheets in the previous pages of this directory. The first item is the name the mine operated under as listed in the Coal Report, then the years the mine reported. If no physical data are available, the next item listed is the total tons produced by the mine. If physical data are available, the order of presentation is as follows: type of opening for the mine (drift, slope or shaft), depth of coal in feet, and thickness of coal in feet.

The total tons mined by these unlocated mines is 1,542,562 (1,429,229 underground; 8,070 surface mined; 105,263 mined by uncertain method), which would represent approximately 360 to 550 acres, depending on the recovery factor, mining method, and numerous other factors. (Note: 1 square mile = 640 acres)

BRIMFIELD

Langdon (W. H.) & Sons, pre1878-1882, shaft, Herrin, 30-80, 4.17-5.0, RP Peoria Coal Company, 1882-1883 Langdon (George W.), 1883-1887 Langdon (J.), 1887-1889 Langdon (George W.), 1889-1894 Rattleback (Joseph), 1894-1895 Langdon (G. W.), 1895-1897 Rattleback (William), 1897-1900 Rattleback (George), 1900-1903 Fisher Brothers, 1903-1904	17,400 tons Unknown 1,600 tons 616 tons 6,190 tons 465 tons 2,840 tons 320 tons 3,430 tons 1,600 tons 34,461 tons
Clark (J.), 1878-1879, shaft, Herrin, 75, 4.25	400 tons
Huli (William), pre1878-1879, drift, Herrin, -, 4.25	500 tons
Hays (Charles), pre1878-1879, slope, Herrin, 31, 4.25	700 tons
Ryan (John), 1878-1879, slope, Herrin, 30, 4.25	500 tons
Tully (John), 1878-1879, drift, Herrin, -, 4.25	400 tons
Johnson (Thomas), pre1882-1889, drift/shaft, Herrin, 30-75, 4.5, RP	5,268 tons
Grimes (Thomas), 1881-1882, slope, Herrin, 100, 4.0	500 tons
Brooks (Cyrus), 1878-1879, shaft, Herrin, 40, 4.25	2,000 tons
Pemble (James), 1883-1885, shaft, Herrin, 18-62, 4.5, RP Bennett & Pemble, 1885-1887	2,300 tons 2,010 tons 4,310 tons
Smith (G. W.), 1883-1891, slope or drift, Herrin, 20-70, 4.0-5.0, RP Heaton (John), 1891-1893	3,776 tons <u>840</u> tons 4,616 tons
Killar, 1883-1884, -, Herrin, -, -, RP	1,200 tons
Hindle (William), 1883-1890, drift, Herrin, 10-30, 4.0-4.5, RP Slater (Joseph), 1890-1894	1,765 tons 1,710 tons 3,475 tons
Wynn (H.), 1884-1885, shaft, Herrin, 50, 4.5, RP	520 tons
Tulley (John), 1884-1885, shaft or drift, Herrin, 40-75, 4.0-5.0	400 tons

Tully & Johnson, No. 1 Mine, 1885-1886 Tully (James), 1886-1888 Tully (Phillip F.), 1888-1899	1,130 tons 1,880 tons 10,269 tons 13,679 tons
Tully (Phillip), 1884-1885, slope, Herrin, 75, 4.5, RP Tully & Johnson, No. 2 Mine, 1885-1886 reported under N	1,079 tons o. 1 Mine
Hindle (David), 1885-1886, slope, Springfield, 60, 3.2, LW	715 tons
Arnolds (William), 1885-1887, shaft, Herrin, 50, 4.5, RP	1,685 tons
Shane (Frank), 1885-1886, -, Herrin, 50-60, 4.5, RP Shane (George), 1886-1887	620 tons 476 tons 1,096 tons
Duffy (John), 1886-1889, slope or drift, Herrin, 20-45, 4.0-4.5, RP Duffy (James), 1889-1891 Saylor (H.), 1891-1893	3,012 tons 1,040 tons <u>1,440</u> tons 5,492 tons
McKinley (John), 1887-1889	2,130 tons
Woolford (John), 1881-1884, shaft, Herrin, 60-115, 4.0-4.5, RP Wilford (Joseph), 1884-1891 Dalrymple (W.), 1891-1893 Wolford (Joseph), 1893-1894	1,500 tons 1,515 tons 550 tons 270 tons 3,835 tons
Katton (Joseph), 1888-1890, shaft, Herrin, 25-35, 4.0-5.5, RP Catton (John), 1890-1891 Catton (Joseph), 1891-1894 Martin (John), 1894-1895	2,140 tons 560 tons 3,367 tons 1,200 tons 7,267 tons
Pemble (James H.), 1893-1894, shaft, Herrin, 30, 4.0-5.0, RP Root (E. O.), 1894-1895	750 tons 900 tons 1,650 tons
Mullaly (Frank), 1893-1894, drift, Herrin, 35, 4.0, RP	900 tons
Wasson & Colwell, 1919-1920	200 tons
Mulvaney (George), 1899-1903, shaft, Herrin, 40, 4.5-5.0, RP	3,010 tons
Rook (John), 1899-1900, -, -, 40, 5.0, RP	240 tons
Clark & Fisher, 1899-1900, -, -, 40, 5.0, RP	280 tons
Clark & Rook, 1903-1905, shaft, Herrin, 30-60, 4.5-5.0, RP	680 tons
Durant (H.), 1900-1904, shaft, Herrin, 30-40, 5.0, RP	3,420 tons
Culbertson (Robert), 1903-1906, shaft, Herrin, 40-52, 4.5-5.0, RP	1,080 tons
Moore (S. A.), 1901-1903, shaft, Herrin, 40, 4.5, RP	1,170 tons
Kelley (William), 1901-1903, shaft, Herrin, 40, 5.0, RP	4,110 tons
Tully & Heaton, 1903-1906, shaft, Herrin, 25-60, 4.4-5.0, RP	3,112 tons
Rook (J.), 1904-1906, shaft or drift, Herrin, 40-50, 4.5, RP	480 tons
Kelley (Hy), 1907-1908, shaft, Springfield, 28, 4.5, RP	1,200 tons

Harmon & Durand, 1907-1908, shaft or drift, –, 25-51, 4.0-4.67, RP Durant (Herman), 1908-1915 Tucker (Bert), 1915-1918	1,000 tons 2,217 tons <u>1,436</u> tons 4,653 tons
Hayes (C. L.), 1907-1909, shaft or slope, Springfield, 45-48, 4.5, RP	1,960 tons
Clark & Company, 1907-1908, shaft, Springfield, -, 4.5, RP	425 tons
Clark & Martin, 1910-1916, shaft, -, 12-77, 4.5-4.67, RP Clark & Murdock, 1916-1917	2,506 tons <u>60</u> tons 2,566 tons
Martin & Clark, 1914-1915, shaft, Springfield, 20, 4.5, RP	900 tons
Whitiker (Arthur), 1907-1908, slope, Springfield, 35, 4.5, RP 392 tons	
Bale (Robert), 1907-1908, surface, Springfield, -, 3.5-4.5	320 tons
Bale (Robert), 1908-1909, drift, Springfield, -, 3.5, RP	120 tons
Radleback (Joseph), 1908-1910, shaft or slope, Springfield, 38, 4.5, RP Radlebek (John), 1910-1911	2,250 tons 324 tons 2,574 tons
Radleback (Joseph), 1912-1913, slope, Herrin, 30, 4.5, RP	450 tons
Wyman (Ed), 1908-1909, shaft or slope, -, 56, 2.5-4.5, RP Wyman & Culberson, 1909-1910	160 tons 548 tons 708 tons
Fussner Brothers, 1909-1912, drift, Springfield, 75, 3.0-4.5, RP Fussner (Joseph C.), 1912-1915 Fussner Brothers, 1915-1918 Fussner (Joseph C.), 1918-1935	1,660 tons 851 tons 1,103 tons <u>3,586</u> tons 7,200 tons
Slocum (J. J.), 1910-1911, drift or slope, Springfield, 70-80, 2.33-4.5, RP Short (Thomas G.), 1911-1914	88 tons 5,036 tons 5,124 tons
Pemble (J. H.), 1910-1911, shaft or slope, –, 30-45, 4.0-4.5, RP Radlebeck (James) & Pemble, 1911-1912	680 tons 360 tons 1,040 tons
Hayes (C. L.), 1913-1916, shaft, -, 38-66, 3.17-5.0, RP	4,090 tons
Wyman & Culberson, 1913-1914, drift, Herrin, 31, 4.5, RP	210 tons
Wyman & Savage, 1916-1917, drift, Herrin, -, 4.5, RP	350 tons
Clark & Pemble, 1917-1920 Clark (John), 1920-1921	1,125 tons 150 tons 1,275 tons
Finnegan (Frank), 1917-1924	2,000 tons
Tully & Johnson, 1920-1922 Tully (Henry), 1922-1924 Johnson (Ben), 1924-1925 Johnson Coal Company, 1925-1925 Johnson (John R.), 1926-1927	1,079 tons 1,053 tons 476 tons 90 tons 466 tons 3,164 tons
Farrell (James), 1922-1925	2,499 tons

Porter (E. C.), 1924-1928	1,747 tons
Murdock & Marvin, 1924-1925	50 tons
Turner (Joe C.), 1927-1928	610 tons
Clarkson (Lorenzo), 1934-1937, underground	290 tons
Brimfield Mining Company, 1934-1934, underground	150 tons
Murdock (John), 1934-1935, underground	100 tons
McCartney (L. L.) Coal & Gravel, 1949-1949	2,358 tons

EDWARDS STATION		
Wantling & Howarth, 1882-1890, drift, Springfield, 80-95, 4.0-4.5, RP	223,210 tons	mine index 3065
Wilkinson (J. H.) & Kramm (E.), 1883-1884, drift, Springfield, 60, 4.5, RP	4,000 tons	
Slain (S.), 1884-1885, slope, Springfield, 60, 4.17, RP	300 tons	
Harper (William), 1884-1893, drift, Herrin, 30-75, 4.0-4.5, RP	5,041 tons	
Lonsdale (William), 1884-1893, drift, Herrin, 30-60, 4.0-4.5, RP	3,544 tons	
Buckley (A.), 1884-1886, drift, Herrin, 60, 4.5, RP	80 tons	
Pillman (Richard), 1884-1887, drift, Herrin, 60, 4.5, RP	460 tons	
Lonsdale (R.), 1884-1890, drift, Herrin, 40-50, 4.0-4.5, RP	2,488 tons	
Kingsley (Charles), 1885-1891, drift, -, 30-70, 4.5, RP	3,050 tons	
Hanning (F.), 1885-1886, drift, Springfield, 82, 4.33, RP	220 tons	
Edwards Coal Company, 1888-1891, drift, Springfield, 40-100, 3.67-4.5, RP Patten (W. H.), 1891-1892 Edwards (Charles), 1892-1893 Cusack & Edwards, 1893-1895 Cusack (Mike), 1895-1899 Cusack & Anderson, 1899-1900 Cusack & Edwards, 1900-1902 Gigby, Cusack & Edwards, 1902-1903 Cusack & Edwards, 1903-1905 Edwards Mining Company, 1905-1907	12,660 tons 15,400 tons 4,665 tons 6,200 tons 10,250 tons 3,025 tons 11,350 tons 6,890 tons 10,400 tons 10,340 tons 91,180 tons	
Pillman (Richard), 1889-1891, drift, Springfield, 30, 4.5, RP	1,050 tons	
Thayer & Clarkson, 1899-1900, drift, Springfield, 30-85, 2.5-4.5, RP Clarkson (William), 1900-1904 Clarkson (R.), 1904-1906 Clarkson (Lorenzo), 1906-1910 Clarkson & Henning, 1910-1917 Clarkson (William), 1917-1921	400 tons 1,740 tons 460 tons 1,769 tons 12,697 tons <u>7,796</u> tons 24,862 tons	
Snyder (E. C.), 1900-1903, drift, Springfield, 80, 4.0, RP	830 tons	
Kingsley (Charles), 1900-1903, drift, Springfield, 80, 4.33-4.5, RP	910 tons	
Schott & Witheral, 1904-1906, -, -, 40-60, 4.25-5.0, RP	690 tons	

Schotte & Withell, 1909-1910, drift, Springfield, 35, 4.0, RP	684 tons
Kickapoo Coal Company, 1907-1909, shaft, -, 30-32, 4.0-4.5, RP	1,541 tons
King & Wilson, 1908-1909, drift, Springfield, -, 4.0, RP	1,000 tons
Stout (O. M.), 1908-1909, drift, Springfield, -, 4.0, RP Stout & Henning, 1909-1910	500 tons 598 tons 1,098 tons
Cramer (William), 1908-1919, drift or slope, -, 12-60, 4.0-4.5, RP	2,102 tons
Kirkman & Ames, 1909-1910, shaft or drift, Springfield, 85, 4.0-4.67, RP Lonsdale (T. H.), 1910-1911 Appleby & Taylor, 1911-1912 Andrews (James), 1912-1916 Aman (George M., Jr.), 1916-1921	630 tons 800 tons 540 tons 2,409 tons 17,666 tons 22,045 tons
Farrell (James), 1911-1912, drift, -, 50, 4.5, RP Farrell Brothers, 1912-1913	320 tons <u>122</u> tons 442 tons
Snider (Edward), 1911-1912, drift, Springfield, –, 4.0-4.5, RP Snider (Enoch), 1912-1913 Dawson & May, 1913-1914 Dawson (Charles), 1914-1915	200 tons 285 tons 625 tons 120 tons 1,230 tons
Snider (Enoch, Jr.), 1914-1915, drift, Springfield, 70, 3.83-4.33, RP Snider (Fred), 1915-1921	290 tons <u>2,950</u> tons <u>3,240</u> tons
Pratt (Charles E.), 1914-1916, slope or drift, -, 60, 4.5-4.67, RP	1,056 tons
Appleby (Fred), 1914-1915, drift, Springfield, –, 3.83-4.0, RP Edwards Coal Company, 1915-1916	400 tons <u>175</u> tons 575 tons
Stear (Thomas), 1915-1916, drift, Springfield, –, 4.0, RP Lemasters Brothers, 1916-1917	380 tons <u>150</u> tons 530 tons
Slone (Harry), 1926-1926	300 tons
Barr (Harry), 1916-1917, slope, Springfield, 70, 4.0, RP	40 tons
Asbell (Albert), 1919-1921	550 tons
Sluth & Howe, 1920-1922 Howe (Elijah), 1922-1927	1,000 tons 2,705 tons 3,705 tons
Zeinie & Sents, 1920-1921	97 tons
Tuttle & Bidleman Coal Company, 1922-1925	35,050 tons
Bateman (Everett), 1922-1923 Battman (E.) & Martin, 1923-1924 Procter (C. H.), 1924-1925 Bateman Coal Company, 1925-1925	850 tons 11,000 tons 25,000 tons 321 tons 37,171 tons
Forbes (William), 1924-1925	1,654 tons

Cutler (C. C.), 1925-1925	400 tons
Bowen Brothers, 1925-1926	200 tons
Heintz Coal Company, 1927-1927	300 tons
Burns (James), 1927-1927, underground 40 tons Burns (Edward), 1928-1928	200 tons 240 tons
West Point Coal Company, 1929-1939, underground	1,363 tons
Grenko (Vinko), 1931-1932, underground	2,696 tons
Coogan Gravel Company, 1932-1932, surface	1,667 tons
Hickory Grove Coal Company, 1934-1934, underground	104 tons
Hoffman (Peter D.), 1934-1938, underground	2,170 tons
Big Five Coal Company, 1936-1936, surface	420 tons
Manen & Buhl, 1937-1937, underground	57 tons
Buhl (Noah), 1941-1941, underground	50 tons
Pioneer Coal Company, 1949-1949	2,801 tons
Kimsey Coal Company, No. 2 Mine, 1952-1953, surface, Herrin, -, -	1,211 tons
JUBILEE	
Jubilee Coal Company, 1884-1889, drift, Springfield, 65-125, 2.5-4.5 Saunders (William G.), 1889-1897	2,180 tons <u>2,840</u> tons 5,020 tons
Dorin (Pat), 1884-1885, slope, Springfield, 75, 4.0, RP	40 tons
Maulsley (Sam), 1884-1885, drift, Springfield, 60, 2.5	80 tons
Colson (William E.), 1884-1886, drift, Springfield, 50-60, 2.5-4.5, RP	848 tons
Mosley (Samuel), 1890-1892, drift, Springfield, 100, 3.25-3.33, RP	420 tons
Vaughn (William), 1895-1899, shaft or drift, Springfield, 50-80, 3.0-5.0 Vaughn (E.), 1899-1900	715 tons 360 tons 1,075 tons
Green (Harry), 1903-1904, shaft, Herrin, 60, 5.0, RP	160 tons
Pratt (C. E.), 1903-1904, shaft, Herrin, 55, 5.0, RP	140 tons
Hart & Stone Coal Company, 1917-1919	770 tons
KICKAPOO	
Nieterle (M) 4000 4004 deits Orgin effeld OF 45 DD	
Nichols (W.), 1883-1884, drift, Springfield, 95, 4.5, RP	2,000 tons
Radoe (Frank), 1884-1885, slope, Herrin, 30, 4.5, RP	2,000 tons 400 tons

Stears Brothers, 1893-1894, slope, –, 70-110, 3.5-4.0, RP Varce (Joseph), 1894-1895	70 tons 260 tons 330 tons
Clarkson (Joseph), 1895-1896, drift, -, 25, 4.0, RP	160 tons
Linchcott (Samuel), 1884-1888, drift or slope, –, 22-75, 4.0-5.0, RP Helm (Andrew), 1888-1889 Poole (William), 1889-1927	890 tons 462 tons <u>17,253</u> tons 18,605 tons

KRAMM STATION

Kramm (Edward) & Company, 1878-1884	432,000 tons
Purtscher (A.), 1885-1890	87,140 tons
Shaw (Nathan), 1890-1898	65,110 tons
Reents (Siebold), 1898-1902	39,436 tons
Reents Brothers, 1902-1909	128,770 tons
Reents (August), 1909-1910	<u>29,470</u> tons
	781,926 tons

at Kramm Station on C., B. & Q RR; drift, Springfield, 50-100, 3.5-4.5, RP

OAK HILL

Slane (Ed), 1904-1911, drift, -, 40-61, 4.0-4.5, RP	500 tons
Clark (William), 1900-1902, drift, Springfield, 80, 4.0, RP	560 tons
Wolford & Cling, 1900-1902, drift, Springfield, 70, 4.0, RP	870 tons
Bemont (H. A.), 1904-1906, drift, Herrin, 30-61, 3.67-4.5, RP	460 tons
Curran (D. H.), 1904-1906, shaft or drift, Herrin, 50-65, 3.67-4.5, RP	374 tons
Seigel (Edward), 1904-1909, drift, Springfield, 50-60, 4.0-4.5, RP	1,080 tons
Scott (J.), 1904-1906, drift, Herrin, 40-41, 4.4-4.5, RP	60 tons
Scott (Robert J.), 1907-1913, drift, Springfield, 80-125, 3.33-4.0, RP White (George), 1913-1914 Willey & McKinley, 1914-1915	3,160 tons 810 tons <u>1,600</u> tons 5,570 tons
Notzke (August), 1907-1909, shaft or drift, Springfield, -, 4.0, RP	660 tons
Snider (M.), 1907-1909, drift, Springfield, -, 4.0-4.5, RP	170 tons
May (Ed), 1908-1909, drift, Springfield, -, 4.0, RP	600 tons
Wickwire (H. H.), 1908-1912, drift, Springfield, -, 4.0, RP	975 tons
Jubilee College Coal Company, 1910-1912, drift, Springfield, -, 3.0-4.5, RP	300 tons
Scott (R. J.), 1914-1919, drift, Springfield, -, 3.58-4.0, RP	2,308 tons
Slane (Edward), 1915-1920, drift, Springfield, 300, 3.83-4.0, RP Slane (Walter), 1920-1923	3,096 tons <u>150</u> tons 3,246 tons
Slane (Walter), 1934-1934, underground	85 tons

Slane (Edward), 1922-1923	160 tons
Slone (Ed), 1928-1929, underground	450 tons
Daley (Barney), 1916-1917, drift, Springfield, 100, 4.0, RP	89 tons
Barr (Burl), 1918-1919	200 tons
Seigel (E.) Coal Company, 1917-1919	4,467 tons
Siegel (Edward), 1923-1932, underground	13,566 tons
Price (John), 1917-1925	1,323 tons
Nodski (W.), 1917-1920	107 tons
Dawson (George), 1919-1920	1,240 tons
Hancock (William), 1920-1921	583 tons
Blane (Lee A.), 1920-1921	164 tons
Snider (Fred), 1924-1925	850 tons
May (Walter), 1926-1931, underground	7,432 tons
Birgeton Coal Company, 1926-1926	300 tons
Turner (E. H.), 1926-1927	250 tons
Judd Coal Company, 1927-1927	120 tons
Dawson & Myers, 1928-1929, underground	1,120 tons
Keefer (Glen A.), 1929-1929, underground	14,000 tons
Kirkman (William) Coal Company, 1936-1940, underground 2,631 tons Andrews (James), 1941-1942	857 tons 3,488 tons
Oak Hill Coal Company, 1936-1937, slope, Springfield, –, 4.0 Price (Frank), 1937-1941 Bowen (James), 1941-1942 Keagel Brothers Coal Company, 1942-1943	290 tons 4,590 tons 240 tons 372 tons 5,492 tons
Vogt & Staley Coal Company, 1951-1951, surface Knuppel (D. H.) Coal Company, 1951-1951	350 tons <u>1,150</u> tons 1,500 tons

INDEX OF MINES IN THE OAK HILL QUADRANGLE

Albrecht Coal Company, No. 4 Mine	
Aman (George M., Jr.)	
Aman (George)	
Ames (Kirkman & Ames)	
Anderson (Cusack & Anderson)	
Andrews (James)	10, 43
Appleby (Fred)	. 40
Appleby & Taylor	. 40
Arnolds (William)	
Asbell (Albert)	. 40
Bale (Robert)	
Barr (Burl)	
Barr (Harry)	. 40
Bateman (Éverett)	. 40
Bateman Coal Company	
Battman (E.) & Martin	. 40
Bemont (H. A.)	
Bennett & Pemble	. 36
Bidleman (Tuttle & Bidleman Coal Company)	40
Big Five Coal Company	. 41
Birgeton Coal Company	
Blane (Lee A.)	
Bowen (James)	43
Bowen Brothers	41
Bright Star No. 2 Mine	
Brimfield Mining Company	
Brooks (Cyrus)	. 36
Brown (Virgil)	. 15
Buckley (A.)	
Buhl (Manen & Buhl)	
Buhl (Noah)	
Burdess (Joe)	
Burlington Coal Company	
Burns (Edward)	. 41
Burns (James)	
Catton (John)	
Catton (Joseph)	
Clark (J.)	
Clark (John)	
Clark (Martin & Clark)	
Clark (William)	
Clark & Company	
Clark & Fisher	
Clark & Martin	
Clark & Murdock	
Clark & Pemble	
Clark & Rook	
Clarkson (Joseph)	
Clarkson (Lorenzo)	
Clarkson (R.)	
Clarkson (Thayer & Clarkson)	
Clarkson (William)	
Clarkson & Henning	
Cling (Wolford & Cling)	
Collear (John)	
Colson (William E.)	
Colwell (Wasson & Colwell)	
Coogan Gravel Company	
Cramer (William)	
Culberson (Wyman & Culberson)	
Culbertson (Robert)	
Curran (D. H.)	
Cusack (Gigby, Cusack & Edwards)	. 39

Cusack (Mike)	
Cusack & Anderson	
Cusack & Edwards	
Cutler (C. C.)	
Daley (Barney)	
Dalrymple (W.)	
Dawson (Charles)	
Dawson (George)	43
Dawson (Lawrence)	
Dawson & May	
Dawson & Myers	
Dorin (Pat)	
Duffy (James)	
Duffy (John)	37
Durand (Harmon & Durand)	30
Durant (Herman)	
Edwards (Charles)	
Edwards (Chanes)	
Edwards (Gigby, Cusack & Edwards)	
Edwards Coal Company	
Edwards Mining Company	
Elm Mine	
Farrell (James)	
Farrell Brothers	
Finnegan (Frank)	
Fisher (Clark & Fisher)	37
Fisher Brothers	
Forbes (William)	
French (Forrest)	
French (Jesse)	
Fussner (Joseph C.)	
Fussner Brothers	
Gigby, Cusack & Edwards	
Gore Coal Company	
Green (Harry)	
Grenko (Vinko)	
Grimes (Thomas)	36
Gruber Brothers	
Gruber Brothers & Henry Coal Company	
Hancock (William)	43
Hanning (F.)	39
Harmon & Durand	
Harper (William)	39
Hart & Stone Coal Company	41
Hayes (C. L.)	38
Hays (Charles)	36
Heaton (John)	36
Heaton (Tully & Heaton)	
Heintz Coal Company	41
Helm (Andrew)	
Henning (Clarkson & Henning)	
Henning (Stout & Henning)	
Henry (Gruber Brothers & Henry Coal Company)	
Hi Way Coal Company	
Hickory Grove Coal Company	
Hindle (David)	
Hindle (William)	
Hoffman (Peter D.)	
Hoffman (Peter D.) Coal Company	
Howarth (Wantling & Howarth)	
Howe (Elijah)	
Howe (Pemble & Howe Coal Company)	
Howe (Sluth & Howe)	
Huli (William)	36

Jobst (J. J.)	
Johnson (Ben)	
Johnson (Henry F.)	
Johnson (John C.)	
Johnson (John R.)	
Johnson (Peter)	
Johnson (Tully & Johnson, No. 1 Mine)	
Johnson (Tully & Johnson, No. 2 Mine)	. 37
Johnson (Tully & Johnson)	. 31 38
Johnson & Sargent	
Johnson & Snider	
Johnson Coal Company	
Jubilee Coal Company	
Jubilee College Coal Company	
Jubilee Mine	
Judd Coal Company	. 43
Katton (Joseph)	. 37
Keagel Brothers Coal Company	
Keefer (Glen A.)	
Kelley (Hy)	
Kelley (William)	
Kickapoo Coal Company	
Killar	. 36
Kimsey Coal Company, No. 2 Mine	
Kingsley (Charles)	
Kirkman (William) Coal Company	. 33
Kirkman & Ames	40
Knaggs (Henry)	
Knaggs (Roy)	
Knuppel (D. H.) Coal Company	
Kramm (Edward) & Company	
Kramm (Wilkinson & Kramm)	
Krummel (Philip)	
Langdon (G. W.)	
Langdon (George W.)	. 36
Langdon (J.)	
Langdon (W. H.) & Sons	
Layne's Coal Company, No. 1 Mine	
Layne's Coal Company, No. 2 Mine	
Layne's Coal Company, No. 4 Mine	
Layne's Coal Company, No. 5 Mine	
Lemasters Brothers	
Linchcott (Samuel)	
Lingenfelter Coal Company	
Lonsdale (R.)	. 39
Lonsdale (T. H.)	
Lonsdale (William)	. 39
Manen & Buhl	
Maple Ridge Coal Company	. 12
Martin (Battman & Martin)	
Martin (Clark & Martin)	
Martin (John)	
Martin (L.)	
Martin & Clark	
Maulsley (Sam)	
May (Dawson & May)	
May (Ed)	
May (Walter)	
McCartney (L. L.) Coal & Gravel	
McKinley (John)	
McKinley (Willey & McKinley)	

Midland Coal Company	9
Mohn (Williams & Mohn)	
Moore (S. A.)	
Mosley (Samuel)	
Mullaly (Frank)	
Mulvaney (George)	
Murdock (Clark & Murdock)	
Murdock (John)	
Murdock & Marvin	
Murnan (Frank) Coal Company	
Myers (Dawson & Myers)	. 43
Nichols (W.)	. 41
Nixon Run Ćoal Company	
Nodski (W.)	
Notzke (August)	
Oak Grove Coal Company	
Oak Hill Coal Company	
Oak Hill Mining Company	
P. & H. Coal Company	. 16
Patten (W. H.)	. 39
Patterson Coal Company	. 11
Patton (Lee)	
Peabody Coal Company, Elm Mine	
Pemble (Bennett & Pemble)	36
Pemble (Clark & Pemble)	
Pemble (J. H.)	
Pemble (James H.)	
Pemble (James)	
Pemble (Radlebeck & Pemble)	
Pemble & Howe Coal Company	
Peoria Coal Company	
Pillman (Richard)	
Pioneer Coal Company	
Pocahontas Mine	
Poole (William)	
Porter (E. C.)	
Pratt (C. E.)	
Pratt (Charles E.)	
Pratt (Charles)	
Price (Frank)	
Price (John)	
Procter (C. H.)	. 40
Purtscher (A.)	. 42
Radleback (Joseph)	. 38
Radlebeck (James) & Pemble	
Radlebek (John)	
Radoe (Frank)	
Rattleback (George)	
Rattleback (Joseph)	
Rattleback (William)	
Red Bird Coal Company	
Reents (August)	
Reents (Siebold)	
Reents Brothers	
Renner (Frank)	
Robins Nest Coal Company	
Rook (Clark & Rook)	
Rook (J.)	
Rook (John)	
Root (E. O.)	
Rowcliffe (James W.) Coal Company	. 17
Ryan (John)	
Sargent (Johnson & Sargent)	
Saunders (William G.)	
Savage (Wyman & Savage)	. 38

Saylor (H.)	;	37
Schott & Witheral		
Schotte & Withell		
Scott (J.)		
Scott (R. J.)		
Scott (Robert J.)		
Seghi Brothers		
Seigel (E.) Coal Company		
Seigel (Edward)		
Sents (Zeinie & Sents)		
Shane (Frank)		
Shane (George)		
Shaw (Nathan)		
Shaw Brothers		
Short (Thomas G.)		
Siegel (Edward) Slain (S.)		
Slane (Ed)		
Slane (Edward)		
Slane (Walter)		
Slater (Joseph)		
Slocum (J. J.)		
Slone (Ed)		
Slone (Harry)		
Sluth & Howe		
Smith (G. W.)		
Snider (Edward)		
Snider (Enoch, Jr.)		
Snider (Enoch)		40
Snider (Fred)		43
Snider (Johnson & Snider)		
Snider (M.)		
Snyder (E. C.)		
South Side Coal Company		
Staley (Vogt & Staley Coal Company)		
Stear (Thomas)	4	40
Stears Brothers		
Stone (Hart & Stone Coal Company)	4	41
Stout (O. M.)		
Stout & Henning		
Strickland (W. D.)		
Sunnyside Coal Company		
Taylor (Appleby & Taylor)		
Thayer & Clarkson		39
Tucker (Bert)		38
Tulley (John)		36
Tully (Henry)		38 27
Tully (James)		37 36
Tully (John)		30 37
Tully (Phillip)		37 37
Tully & Heaton		37
Tully & Johnson		38
Tully & Johnson, No. 1 Mine		37
Tully & Johnson, No. 2 Mine		37
Turner (E. H.)		43
Turner (George W.)		.0 20
Turner (Joe C.)		_
Turner & Son		20
Turner Mine		25 35
Tuttle & Bidleman Coal Company		40
Varce (Joseph)		42
Vaughn (E.)		41
Vaughn (William)		41
Vogť & Staley Cóal Company		

Wantling (Wilkinson & Wantling)	21
Wantling & Howarth	39
Wasson & Colwell	37
West Point Coal Company	41
White (George)	42
Whitiker (Arthur)	38
Wickham (John) Coal Company	29
Wickwire (H. H.)	42
Wilford (Joseph)	37
Wilkinson (J. H.)	21
Wilkinson (J. H.) & Kramm (E.)	39
Wilkinson (J.)	
Wilkinson & Wantling	21
Willey & McKinley	
Williams (Frank) & Mohn (Earl)	10
Williams (William)	35
Wilson (King & Wilson)	
Withell (Schotte & Withell)	40
Witheral (Schott & Witheral)	
Wolford (Henry)	
Wolford (Joseph)	37
Wolford & Cling	
Woolford (John)	
Wyman (Ed)	38
Wyman & Culberson	
Wyman & Savage	38
Wynn (H.)	
Youngman Coal Company	17
Zainia & Sants	40