

Coal Mines in Illinois  
Peoria East Quadrangle

## Peoria and Tazewell Counties, Illinois

This map accompanies the Coal Mines Directory for the Peoria East Quadrangle. Consult the directory for a complete explanation of the information shown on this map

## Mining Method

- Room & Pillar (RP)
- Room & Pillar Basic (RPB)
- Modified Room & Pillar (MRP)
- Room & Pillar Panel (RPP)
- Blind Room & Pillar (BRP)
- Checkerboard Room & Pillar (CRP)
- High Extraction Retreat (HER)
- Longwall (LW)
- Underground, Method Unknown
- Strip Mine
- Auger Mine
- General Area of Mining

## Other Areas Depicted

- Non-Coal Mines

## Source of Mine Outline

- Final Mine Map
- Not Final Mine Map
- Undated Mine Map
- Incomplete Mine Map
- Secondary Source Map

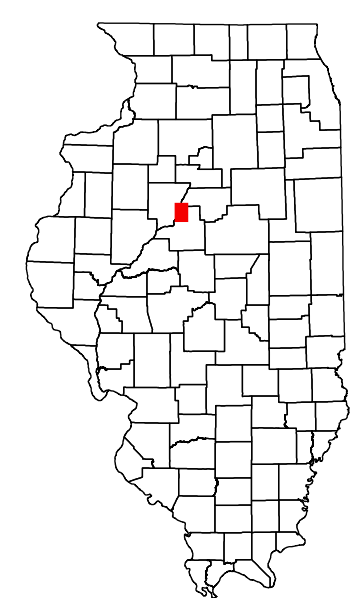
## Tipple, Shaft, Slope, Drift Locations

- 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 - Abandoned
- Air Shaft
- Uncertain Location
- Uncertain Type of Opening

## Other Points Depicted

- Non-Coal Mines

## Location



## Mine Annotation

(space permitting)

Company

Mine Name

ISGS Index No., Years of Operation

## Disclaimer

Please check the Coal Section at the Illinois State Geological Survey's web site at <https://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.

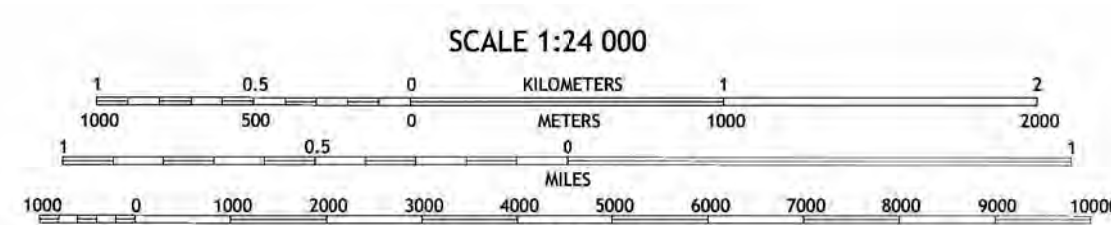
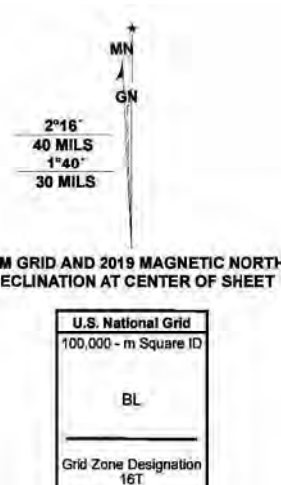
These maps were designed for use at 1:24,000. Enlarging the map may reduce accuracy, as the original scale of the source maps used to compile the outlines shown varies from 1:400 to 1:150,000, and some mine locations are known only from text descriptions. See the accompanying mine directory for the original 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.

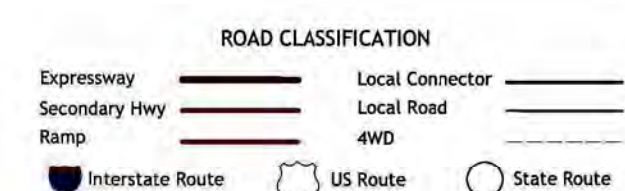
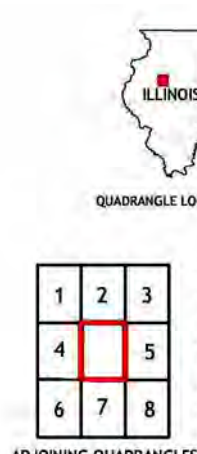
## Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid/Universal Transverse Mercator, Zone 16T  
This map is not a legal document. Boundaries may be  
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Imagery.....NAP, August 2019 - August 2019  
Roads.....U.S. Census Bureau, 2017  
Names.....GNS, 1980-2021  
Hydrography.....National Hydrography Dataset, 2006-2018  
Contours.....National Elevation Dataset, 2012  
Boundaries.....Multiple sources; see metadata file 2018-2019  
Public Land Survey System.....BLM, 2020  
Wetlands.....FWS National Wetlands Inventory Not Available



CONTOUR INTERVAL 10 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988  
This map was produced to conform with the  
National Geospatial Program US Topo Product Standard.



PEORIA EAST, IL  
2021

**ILLINOIS**  
Illinois State Geological Survey  
PRAIRIE RESEARCH INSTITUTE

Prairie Research Institute  
Illinois State Geological Survey  
615 E. Peabody Dr.  
Champaign, IL 61820

Mine Outlines Compiled by  
Alan R. Myers

December 15, 2008



# **DIRECTORY OF COAL MINES IN ILLINOIS 7.5-MINUTE QUADRANGLE SERIES PEORIA EAST QUADRANGLE TAZEWELL & PEORIA COUNTIES**

Alan R. Myers & C. Chenoweth



Institute of Natural Resources Sustainability  
ILLINOIS STATE GEOLOGICAL SURVEY  
2008; updated 2023



**DIRECTORY OF COAL MINES IN ILLINOIS  
7.5-MINUTE QUADRANGLE SERIES  
PEORIA EAST QUADRANGLE  
TAZEWELL & PEORIA COUNTIES**

2008; updated 2023

Institute of Natural Resources Sustainability  
ILLINOIS STATE GEOLOGICAL SURVEY  
E. Donald McKay III, Interim Director

Natural Resources Building  
615 East Peabody Drive  
Champaign, Illinois 61820

Fax 1-217-333-2830

**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.

*Printed by authority of the State of Illinois/2008*

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## **INTRODUCTION**

Coal has been mined in 73 counties of Illinois. More than 7,400 coal mines have operated since commercial mining began in Illinois about 1810; fewer than 30 are currently active. To detail the extent and location of coal mining in Illinois, the Illinois State Geological Survey (ISGS) has compiled maps and directories of known coal mines. The ISGS offers maps at a scale of 1:100,000 and accompanying directories for each county in which coal mining is known to have occurred. Maps at a scale of 1:24,000 and accompanying directories such as this are available for selected quadrangles. Contact the ISGS for a list of these quadrangles.

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

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

## **MINING IN THE PEORIA EAST QUADRANGLE**

James Whittaker mined coal near Wesley City in 1852, and that mine operated until 1890. Little is known of the early mining in this county, and many unlocated mines (see the back of this report) had high production. Because of this lack of old mine maps, a large general area of mining was added to the accompanying map along the bluffs near Wesley City. Those bluffs closest to Wesley City would have been the most likely site for early mining.

The Springfield Coal was mined in the southern half of the Peoria East Quadrangle, where it was generally over 4 feet thick. The roof was quite poor in some areas, with a combination of massive shale, thin and incompetent limestone, and water-bearing sandstone. The Groveland No. 1 Mine (mine index 810) had clay slips and horsebacks. In spite of these disadvantages, the mines managed to operate for many years. The Manhattan Mine (mine index 3636) operated from 1900 to 1939, and the Lake Erie Mine operated from 1899 to 1939. These were the last coal mines in the quadrangle, and it is probably not a coincidence that the mines closed just as machine mining was required for competitive product pricing.



## 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 USGS 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 a 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



**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.





**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 tippie locations** Locations of all known former entry points to underground mines or the location of coal cleaning, tippie, 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 tippie. 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 tippie for underground mines was generally located near the main shaft or slope. At surface mines, coal was sometimes hauled to a central tippie 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.



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

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

## REFERENCES

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

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

King, Thomas, surveyor & W. T. Kuhfuss, presenter, 1857, Tazewell County, Illinois, at Tazewell County Genealogical & Historical Society website

Ogle, G. A. & Co., 1891, Plat Book of Tazewell County, Illinois, Chicago: Occidental Publishing Company, 101p.

Portrait & Biographical Album of Peoria County, Illinois, 1890, Chicago: Biographical Publishing Co., 984p.

Udden, J. A., 1912, Geology and Mineral Resources of the Peoria Quadrangle, Illinois: United States Geological Survey, Bulletin 506, 129p.



## PART II DIRECTORY OF MINES IN THE PEORIA EAST QUADRANGLE

### MINE SUMMARY SHEETS

A summary sheet on the geology and production history of each mine in the Peoria East Quadrangle is provided. The summary is arranged numerically by mine index number, which is shown on the map and in the mine listing. Consult Part I for a complete explanation of the data listed in the summary sheet.

#### Mine Index 108

#### Crescent Coal Company, Crescent No. 2 Mine

Type: Underground Total mined-out acreage shown: 1,260 Production indicates approximately 10 acres were mined after the map date. The boundary between Crescent No. 2 and Groveland No. 1 Mine (mine index 810) could not be discerned. The outline shown on the accompanying map includes both mines.

### SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Tazewell	25N 4W	18	NE NE NE
Air shaft	Tazewell	25N 4W	18	NE SE SE

### GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	165	3.8	4.75	4.33	RPP

Geologic Problems Reported: A heavy sandstone with a very uneven lower surface was persistent from 1 to 10 feet above the coal. This sandstone contained a great deal of water and the mine was consequently very wet. The sandstone eroded the coal in two areas of the mine, one for a distance of 90 feet. Some minor faulting was noted, generally associated with horsebacks, which were numerous in the southwestern part of the mine. Some horsebacks were 1 foot across and extended 2 feet into the seam. The upper 1.5 feet of the coal had pyrite present as fracture facings and lenses (1 by 3 inches). The underclay was over 8 feet thick and heaved in the old workings.

### PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Groveland Coal Mining Company	Groveland No. 2	1918-1925	2,248,872
Crescent Coal Company	Crescent No. 2	1925-1928	706,011
Crescent Coal Company	Crescent No. 2	1928-1930	46,249 *
			3,001,132

\* Production after map date

Last reported production: August 1930

### SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, MSHA_670_03	1-1-1930	1:2400	1:2400	Not final
Company, PB_902_03	1-1-1927	1:2400	1:2400	Not final

#### Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Mine notes (Tazewell County) - Mine type, shaft location, seam, depth, thickness, geologic problems.

State archive map, MSHA\_670\_03 - Mine outline (southern, northeastern & eastern), shaft, southern air shaft, mining method.

State archive map, PB\_902\_03 - Mine outline (northwestern), slope & western air shafts locations.



**Mine Index 810****Groveland Coal Mining Company, Groveland No. 1 Mine**

Type: Underground Total mined-out acreage shown: 1,260 The boundary between Crescent No. 2 (mine index 108) and Groveland No. 1 Mine (mine index 810) could not be discerned. The outline shown on the accompanying map includes both mines.

**SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS**

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Tazewell	25N 4W	7	NW SW NW
Air shaft	Tazewell	25N 4W	7	NW SW NW
Air shaft	Tazewell	25N 4W	7	SE NE SW

**GEOLOGY**

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	85-96	3.0	4.67	4.3	RPP

Geologic Problems Reported: A sandstone paleochannel was present above the coal, sometimes cutting out the limestone and massive gray shale above the coal. This sandstone held considerable water, which worked its way into the shale. The roof was practically impossible to keep up. After the shale came down, generally everything below the sandstone would eventually come down, sometimes up to 20 feet of material. The shaley limestone was only 2 to 8 inches thick, and had no supportive strength. The dark gray shale also had no supportive strength and fell readily. There was some black shale above the coal, and this contained large coal balls, some over 1 foot thick and 2 feet long. The coal was very uniform in thickness except near horsebacks or rolls. Bedded impurities included thin streaks of clay and mother coal, and, on the eastern side of the mine, bands of brown pyrite that were 1.5 inches thick and up to 5 feet long. The eastern side of the mine had very poor conditions, including numerous horsebacks and blind slips in the coal and roof rock, which appeared to be horsebacks with no clay filling. The roof was very poor near these blind slips. The underclay floor heaved when wet and held water so that it was difficult to drain.

**PRODUCTION HISTORY**

Company	Mine Name	Years	Production (tons)
Phoenix Coal Company	Hilliard No. 1	1900-1902	60,884
Edward Little	Hilliard No. 1	1902-1903	34,000
Phoenix Coal Company	Hilliard No. 1	1903-1909	242,068
C. J. Off, Phoenix Coal Company	Hilliard No. 1	1909-1912	35,952
Groveland Coal Mining Company	Groveland No. 1	1912-1921	<u>1,426,414</u>
			1,799,318

Last reported production: April 1921

**SOURCES OF DATA**

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, MSHA_670_03	1-1-1930	1:2400	1:2400	Final
Company, PB_902_03	1-1-1927	1:2400	1:2400	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

Mine notes (Tazewell County) - Mine type, shaft location, seam, depth, thickness, geologic problems.

State archive map, MSHA\_670\_03 - Mine outline (southern, northeastern & eastern), shaft, southern air shaft, mining method.

State archive map, PB\_902\_03 - Mine outline (northwestern), slope & western air shafts locations.



**Mine Index 3633****Uncle Sam Coal Mining Company, Uncle Sam Mine**

Type: Underground    Total mined-out acreage shown: None

**SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS**

Type	County	Township-Range	Section	Quarters-Footage
Mine	Tazewell	25N 4W	3	NW SW NE

**GEOLOGY**

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	93	4.0	10.0		

Geologic Problems Reported:

**PRODUCTION HISTORY**

Company	Mine Name	Years	Production (tons)
Uncle Sam Coal Mining Company *	Uncle Sam	circa 1917-1918	

\* The location and mine name are from the mine notes, which also stated that the mine was "not yet operating" in June 1918. The Coal Reports never listed a company of this name, and no unlocated mines (see the back of this report) began production in 1919, 1920 or 1921. The mine may have never operated.

Last reported production:

**SOURCES OF DATA**

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes	11-6-1917	(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)

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

Mine notes (Tazewell County) - Mine location, seam, depth, thickness.



**Mine Index 3634****Marteness Fuel Company, Marteness Mine**

Type: Underground    Total mined-out acreage shown: None; production indicates approximately 30 acres were mined. A general area of mining of this approximate size is shown on the accompanying map.

**SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS**

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Tazewell	25N 4W	4	NW SE SW

**GEOLOGY**

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield				4.17-4.5	RP

Geologic Problems Reported:

**PRODUCTION HISTORY**

Company	Mine Name	Years	Production (tons)
Urbandale Coal Company	Urbandale	1916-1918	21,135
East Peoria Mining Company	East Peoria	1918-1922	45,133
Marion Marteness	Marteness	1922-1927	32,640
East Peoria Coal Mining Company	East Peoria	1928-1932	4,773 *
Marion Marteness	Marteness	1933-1934	5,812
Marteness Fuel Company	Marteness	1935-1935	<u>1,239</u>
			110,732

\* No production was listed under this name in the Coal Reports from 1929 to 1932. However, the mine may not have been idle. Gaines Henderson, of Henderson & Kerrick, operators of the East Peoria Coal Company, was killed by falling coal in August 1932. Mines producing less than 1,000 tons per year were not reported 1930-1934, and this mine was probably one of those small producers in 1932.

Last reported production: 1935

**SOURCES OF DATA**

Source Map	Date	Original Scale	Digitized 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, thickness, mining method.

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

Mine notes (Tazewell County) - Mine type, shaft location, seam.



**Mine Index 3635****Coal Creek Coal Company, Coal Creek Mine**

Type: Underground Total mined-out acreage shown: 70 The area shown is smaller than expected for the reported production. The mine should be approximately 100 acres. The general area of mining shown on the accompanying map encompasses this acreage. Production after the map date indicates an additional 12 acres were mined.

**SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS**

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Tazewell	25N 4W	4	SW NW SW
Air shaft	Tazewell	25N 4W	4	SW NW SW

**GEOLOGY**

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	90-105			4.0	RPP

Geologic Problems Reported:

**PRODUCTION HISTORY**

Company	Mine Name	Years	Production (tons)
Liberty Coal Company	Liberty	1918-1928 *	217,475
Coal Creek Coal Company	Coal Creek	1929-1935	128,859
Coal Creek Coal Company	Coal Creek	1935-1936	<u>41,996 **</u>
			388,330

\* Idle 1926; production not reported in 1928, but a reported fatality in the mine indicates the mine was operating. The mine was not new in 1918. The Coal Report listed improvements, including a new electric hoist, improved air course to the south entries, improved air course to the west entries, new timbering for the shaft and main entries. This indicates a rather extensive mine in 1918. The unlocated mines at the back of this report included more than one possibilities as precursors to Liberty Mine, such as Gustav Giebelhausen or Eastern Coal Company.

\*\* Production after map date

Last reported production: 1936

**SOURCES OF DATA**

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.T3 i5.1-4	2-1-1935	1:2400	1:2400	Not final

Annotated Bibliography (data source, brief description of information)

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

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

ENR Document 85/01 - Mining method.

ISGS field notes (Tazewell County) - Mine type, slope location, seam.

Company map, ISGS map library, 4103.T3 i5.1-4 - Slope/shaft locations, mine outline, mining method.

**Mine Index 3636**  
**Manhattan Coal & Mining Company, Manhattan Mine**

Type: Underground Total mined-out acreage shown: 165 The area shown on the accompanying map is smaller than expected for the reported production. The mine should be approximately 260 acres. The general area of mining on the western side of the mine (see the accompanying map) covers the oldest works that were not shown on the source maps. Production indicates approximately 24 acres were mined after the map date.

**SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS**

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Tazewell	25N 4W	5	SW NE NE
Air shaft	Tazewell	25N 4W	5	SE NE NE
Slope	Tazewell	25N 4W	4	NW NE NW
Air shaft	Tazewell	25N 4W	4	SE NE NW

**GEOLOGY**

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	50-60			4.0-4.5	RPP

Geologic Problems Reported:

**PRODUCTION HISTORY**

Company	Mine Name	Years	Production (tons)
Manhattan Coal Company	Manhattan	1900-1905	18,222
Manhattan Fuel Company	Manhattan	1905-1907 *	7,000
M. Marteness & Fisher	Manhattan	1907-1909	4,000
Marion Marteness	Manhattan	1909-1914	36,105
Manhattan Coal Company	Manhattan	1914-1921	106,600
Rainy & Thompson	Manhattan	1921-1922	39,311
Manhattan Coal & Mining Company **	Manhattan	1922-1938	768,966
Manhattan Coal & Mining Company	Manhattan	1938-1939	91,452 ***
			1,071,656

\* Idle 1907

\*\* The mine was reported under the name H. Hindson, the district mine inspector, in 1931. The reported ownership of this mine appears to be an error. According to Martin Crane, Thomas Thompson was the owner of Manhattan Coal & Mining Company.

\*\*\* Production after map date

Last reported production: 1939

**SOURCES OF DATA**

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352864	7-19-1912	1:1200	1:1490	Not final
Microfilm, document 352865	9-1938	1:2400	1:3972	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, thickness.  
 Directory of Illinois Coal Mines (Tazewell County) - Mine names, mine index, ownership, years of operation.  
 Mine notes (Tazewell County) - Mine type, seam, depth.  
 Microfilm map, document 352864, reel 03140, frame 491 - Slope/shaft locations, mine outline, mining method.  
 Microfilm map, document 352865, reel 03140, frame 492 - Slope/shaft locations, mine outline (southern).



**Mine Index 3637**  
**Lake Erie Mining Company, Lake Erie Mine**

Type: Underground    Total mined-out acreage shown: 980

**SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS**

Type	County	Township-Range	Section	Quarters-Footage
Old slope	Tazewell	25N 4W	6	NW NE *
Air shaft	Tazewell	25N 4W	6	NE NW NE
Air shaft	Tazewell	25N 4W	5	SW SE NW
Air shaft	Tazewell	25N 4W	8	SW NW NE

\* The top row of sections in T25N-R4W is about 2,000 feet longer in the north-south direction than a regular one-mile section. Traditionally, the points are oriented from the southeast corner of the section (see page 6). This slope is outside the square mile grid. Its approximate location (generated from the accompanying map) is 1100 FNL, 2000 FEL.

**GEOLOGY**

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	265			4.33	RPP

Geologic Problems Reported:

**PRODUCTION HISTORY**

Company	Mine Name	Years	Production (tons)
Progressive Coal Company	Progressive	1899-1902	41,000
Lake Erie Coal & Mining Company	Lake Erie	1902-1905	58,220
Carters Coal & Mining Company **	Carters	1905-1906	14,532
Lake Erie Coal & Mining Company	Carters	1906-1908	28,487
A. B. Cumming	Lake Erie	1908-1909	21,885
Cumming Brothers & Company	Lake Erie	1909-1910	9,600
Lake Erie Coal & Mining Company	Lake Erie	1910-1917	118,956
Maplewood Sales Company	Maplewood No. 1	1917-1919	122,206
Lake Erie Mining Company	Lake Erie	1919-1939	<u>3,028,242</u>
			3,443,128

\*\* The title block for the 1908-1911 microfilm map, document 352868, reel 03140, frames 495 & 496, states "Rushce Mine (New Carters) Coal Mine". The unlocated mines at the back of this report (East Peoria group) includes a Rushce Mine that operated 1878-1889. The 10-year gap between the opening date above and the closing date of Rusche is the major factor that prevents combining the two production histories.

Last reported production: February 1939

**SOURCES OF DATA**

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352860	2-19-1939	1:2400	1:4634	Final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.  
 Directory of Illinois Coal Mines (Tazewell County) - Mine names, mine index, ownership, years of operation.  
 ENR Document 85/01 - Mining method.  
 Mine notes (Tazewell County) - Mine type, slope location, seam, depth, thickness.  
 Microfilm map, document 352860, reel 03140, frames 484-487 - Slope/shaft locations, mine outline, mining method.

**Mine Index 3638**  
**Dering Coal Company, B. & B. Mine**

Type: Underground    Total mined-out acreage shown: None; production indicates approximately 9 acres were mined.

**SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS**

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Tazewell	25N 4W	7	NE SW NW

**GEOLOGY**

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	50-80			4.0-4.5	RP

Geologic Problems Reported:

**PRODUCTION HISTORY**

Company	Mine Name	Years	Production (tons)
Dering & Bart	Dering & Bart	1895-1896	800
W. F. Deering & Company	Deering	1896-1897	729
Groveland Coal Company	Groveland	1897-1899	7,108
William F. Doering	Doering	1899-1902	12,251
B. & B. Coal Company	B. & B.	1902-1903	5,589
Dering Coal Company	B. & B.	1903-1904	6,480
			<u>32,957</u>

Last reported production: 1904

**SOURCES OF DATA**

Source Map	Date	Original Scale	Digitized Scale	Map Type
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, seam, depth, thickness, mining method.  
 Directory of Illinois Coal Mines (Tazewell County) - Mine names, mine index, ownership, years of operation, mine location.



**Mine Index 7178****Lea Brothers & Lamborn, Lea & Lamborn Mine**

Type: Underground    Total mined-out acreage shown: None; production indicates approximately 20 acres were mined.

**SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS**

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Tazewell	25N 4W	4	NW NW NW (irregular section)

**GEOLOGY**

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	90			4.33	Underground

Geologic Problems Reported:

**PRODUCTION HISTORY**

Company	Mine Name	Years	Production (tons)
Lea Brothers	Lea	1927-1930	28,498
Lea Brothers & Lamborn	Lea & Lamborn	1931-1936	<u>52,827</u> 81,325

Last reported production: 1936

**SOURCES OF DATA**

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS field notes (T. B. Root)	9-21-1931	(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 (Tazewell County) - Mine names, mine index, ownership, years of operation.

ISGS field notes (Tazewell County) - Mine type, slope location, depth, thickness.

**Mine Index 7258**  
**Becker Brothers, Becker Mine**

Type: Underground    Total mined-out acreage shown: None; production indicates approximately 7 acres were mined.

**SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS**

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Tazewell	25N 4W	5	NW NW *

\* The section is irregular, approximately 1.5 miles in the north-south direction by 1 mile in the east-west direction. The mine is located approximately 750 FNL, 100 FWL.

**GEOLOGY**

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Springfield	40-65			4.17-4.5	RP

Geologic Problems Reported:

**PRODUCTION HISTORY**

Company	Mine Name	Years	Production (tons)
M. Duffy	Duffy	1885-1886	500
Henry Doring	Doring	1886-1889	2,105
George Wieland	Wieland	1889-1892	6,677
Morritz Brothers	Morritz	1892-1893	1,740
Becker Brothers	Becker	1893-1898	17,923
			28,945

Last reported production: 1898

**SOURCES OF DATA**

Source Map	Date	Original Scale	Digitized Scale	Map Type
Plat Book of Tazewell County	1891	1:45257	1:45257	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 (Tazewell County) - Mine names, mine index, ownership, years of operation.  
 Plat Book of Tazewell County, Illinois, 1891 - Shaft location.



**Mine Index 7259****Gustav Giebelhausen, Giebelhausen Mine**

Type: Underground    Total mined-out acreage shown: None; production indicates approximately 26 acres were mined.

**SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS**

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	Tazewell	25N 4W	5 *	

\* The location was vague, "about one-half mile north of the south line of section 5".

**GEOLOGY**

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	90-100			4.0-4.5	RP

Geologic Problems Reported:

**PRODUCTION HISTORY**

Company	Mine Name	Years	Production (tons)
Gustav Giebelhausen	Giebelhausen	1895-1918	<u>98,631</u> 98,631

Last reported production: 1918

**SOURCES OF DATA**

Source Map	Date	Original Scale	Digitized Scale	Map Type
USGS, Bulletin 506	1912	(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, mine type, seam, depth, thickness, mining method.  
Directory of Illinois Coal Mines (Tazewell County) - Mine names, mine index, ownership, years of operation.  
Udden, J. A., USGS Bulletin 506, page 46 - Mine location.

**Mine Index 7516****A. B. Cummings, Standard Mine**

Type: Underground    Total mined-out acreage shown: None; production indicates approximately 15 acres were mined.

**SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS**

Type	County	Township-Range	Section	Quarters-Footage
Main slope	Tazewell	25N 4W	5	NE *
Air shaft	Tazewell	25N 4W	5	NE

\* The location was vague, with the references on the microfilm being three "boundary lines" that do not appear to be section segments, and a stream. Although stream configuration can change greatly over time, and the course of the stream appears exaggerated, it is likely to be Coal Creek in the quarter-section shown above. The air shaft is southeast of the slope, but is not shown on the accompanying map because of the uncertainty of the slope position.

**GEOLOGY**

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Ave	
Springfield	22-200			4.0-4.5	MRP

Geologic Problems Reported:

**PRODUCTION HISTORY**

Company	Mine Name	Years	Production (tons)
A. B. Cummings	Standard	1905-1910	<u>60,957</u> 60,957

Last reported production: 1910

**SOURCES OF DATA**

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352852	11-8-1909	1:1200	1:24000 **	Not final

\*\* The slope location was plotted on a 1:24000 USGS topographic map from the mine location description (section 5 and in relation to a segment of Coal Creek shown on the microfilm) and digitized. The outline was not used because the location is too uncertain. Stream courses are usually sketched and not surveyed, and the stream segment may not be as shown on the microfilm map.

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 (Tazewell County) - Mine names, mine index, ownership, years of operation.  
 Microfilm map, document 352852, reel 03140, frame 469 - Mine location, mine type.



## OTHER MINES SHOWN ON PEORIA EAST QUADRANGLE

Mine Index 7048 NW SE NW 33-T26N-R4W, underground mine source: Tazewell County map (1857), IDOT (4-2005)

Mine Index 7542 NE NW SE 33-T26N-R4E, underground mine source: Personal communication Robert Gibson & Joe Pelc, DNR (2012) and ISGS field notes (T. B. Root, 1931)

## MINES WHOSE LOCATIONS ARE NOT KNOWN, PEORIA EAST 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 Peoria East 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 1,712,687 (1,709,960 underground and 2,727 mined by uncertain method), which would represent approximately 400 to 560 acres, depending on the recovery factor, mining method, and numerous other factors. (Note: 1 square mile = 640 acres)

### EAST PEORIA

Millard (George), Blue Town Mine, pre1878-1885	4,529 tons
Chamberlain & Workman, 1885-1887, shaft, Springfield, 95, 4.0-4.5, RP	1,940 tons
Chamberlain (John), 1887-1888	<u>1,000 tons</u>
	7,469 tons
Rusia (Joseph) & Brother, 1878-1879, slope, Springfield, 100, 4.0-4.5, RP	200,000 tons
Rusher (G. C.), 1881-1882	1,200 tons
Russia (Joseph) & Brothers, 1882-1883	1,207 tons
Ruche Brothers, 1883-1884	864 tons
Rushia (Joseph), 1884-1885	779 tons
Rusche Brothers, 1885-1889	<u>65,288 tons</u>
	269,338 tons
Smith & Reynolds, 1889-1890, slope, Springfield, 60-100, 4.17-4.5, RP	230 tons
Reynolds (William) & Company, 1890-1891	3,200 tons
Culver & Edwards, 1891-1892	2,250 tons
Bowden (William H.), 1892-1894	9,780 tons
Reynolds & Williams, 1894-1895	7,500 tons
Reynolds & Company, 1895-1897	<u>7,947 tons</u>
	30,907 tons
Jones, Sloan & Lee, 1884-1885, slope, Springfield, 60, 4.17-4.5, RP	1,860 tons
Harvey & Blake, 1895-1897, shaft, Springfield, 48-80, 4.0-4.5, RP	16,760 tons
Blake (Alfred C.), 1897-1899	39,047 tons
Cummings (A. G.), Standard Mine, 1899-1905	<u>93,667 tons</u>
	149,474 tons
East Peoria Coal Company, 1895-1903, slope, Springfield, 85, 4.0-4.5, RP	122,388 tons
Erie Starr Coal Company, 1903-1906	65,810 tons
Schuster (J. E.) & Brother, 1906-1907	<u>1,310 tons</u>
	189,508 tons
Ehertt (F. A.) & Company, 1896-1897, shaft, —, 90, 4.33, RP	19,877 tons
Cruikshanks (William) & Sons, 1898-1903, shaft, Springfield, 65-70, 4.0, RP	28,455 tons

Independent Coal Company, 1899-1900, —, —, 90, 4.0, RP	380 tons
Backing Brothers, 1899-1903, shaft, Springfield, 90, 4.0, RP	22,942 tons
Little (Peter), 1899-1900, —, —, 100, 4.0, RP	5,000 tons
Seffer (Fred), 1902-1908, drift, Springfield, 50-70, 4.0, RP	770 tons
Eastern Coal Company, 1903-1916, shaft, Springfield, 70-90, 4.0-4.5, RP	281,037 tons
Dering Coal Mining Company, 1905-1906, shaft, Springfield, 80-143, 4.0, RP	5,400 tons
Schuster (R. J.) & Brothers, 1906-1907	2,643 tons
Schmidt Brothers, 1907-1908	<u>3,029 tons</u>
	11,072 tons
Halley & Blackburn, 1915-1916, shaft, Springfield, 50, 5.5, RP	186 tons
Turner (Harry), 1915-1916, drift, Springfield, —, 7.0, RP	3,200 tons
Seffer (Fred), 1916-1917, drift, Springfield, —, 5.0, RP	640 tons
Crebo (Richard), 1925-1925	110 tons

## HILTON

Sholl (Adam), 1887-1890, shaft, Springfield, —, —	12,220 tons	mine index 3632
Vogelsang (Jacob G.), 1878-1884, drift, Springfield, 60, 4.0-4.5, RP	20,300 tons	
Murray (James), 1878-1882, shaft, —, 65, 4.0	2,000 tons	
Ely (Joseph), 1885-1886, drift, Springfield, 40, 4.0, RP	280 tons	
Allen (Samuel), 1886-1887	<u>240 tons</u>	
	520 tons	
Schmidt (Jacob), 1887-1893, shaft, Springfield, 80-85, 4.17-4.5, RP	24,024 tons	
Franks (John) & Beedly (Philip), 1893-1894	4,950 tons	
Butler (Phillip), 1894-1898	<u>13,282 tons</u>	
	42,256 tons	

## PEORIA

Wesley Coal Company, pre1878-1882, slope, —, —, 4.0	218,000 tons
Millard Brothers, 1897-1899, slope, Springfield, 100, 4.0-4.33, RP	3,800 tons
Wesley Coal Company, 1899-1900	<u>7,000 tons</u>
	10,800 tons
re-opened old slope at Wesley City	
Schmidt Coal Company, N Mine, 1913-1914, slope, Springfield, 80, 4.5, RP	2,141 tons
Schmidt (John), 1917-1918	25 tons
Goettlieb (George), 1917-1918	25 tons
Heathcote Coal Company, 1922-1923	2,567 tons

## WESLEY CITY



Wesley Coal Company, 1885-1886, slope, Springfield, 115, 4.17-4.33, RP	2,921 tons
Wesley City Co-operative Coal Company, 1886-1890	70,378 tons
Wesley Coal Company, 1890-1891	21,050 tons
Millard (James) & Company, 1891-1893	49,610 tons
Millard (James) & Son, 1893-1895	34,271 tons
Wesley City Co-operative Coal Company, 1895-1896	<u>760 tons</u>
	178,990 tons
Carter & Little, 1888-1890, shaft, Springfield, 78-100, 4.0-4.33, RP	25,200 tons
Little (Edward), 1890-1895	144,177 tons
Hilliard & Leonard, 1895-1896	47,641 tons
Little (Edward), Hilliard No. 2 Mine, 1898-1903	125,490 tons
Little Coal Company, No. 2 Mine, 1903-1904	<u>18,140 tons</u>
	360,648 tons
Wesley Union Fuel Company, 1894-1895, shaft, Springfield, 90, 4.33, RP	14,070 tons
Freer (James) Co-operative Coal Company, 1895-1896	<u>4,780 tons</u>
	18,850 tons

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