













La Salle County, Illinois

This map accompanies the Coal Mines Directory for the Ottawa 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

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

Mine Annotation
(space permitting)

Company
Mine Name
ISGS Index No., Years of Operation

DISCLAIMER

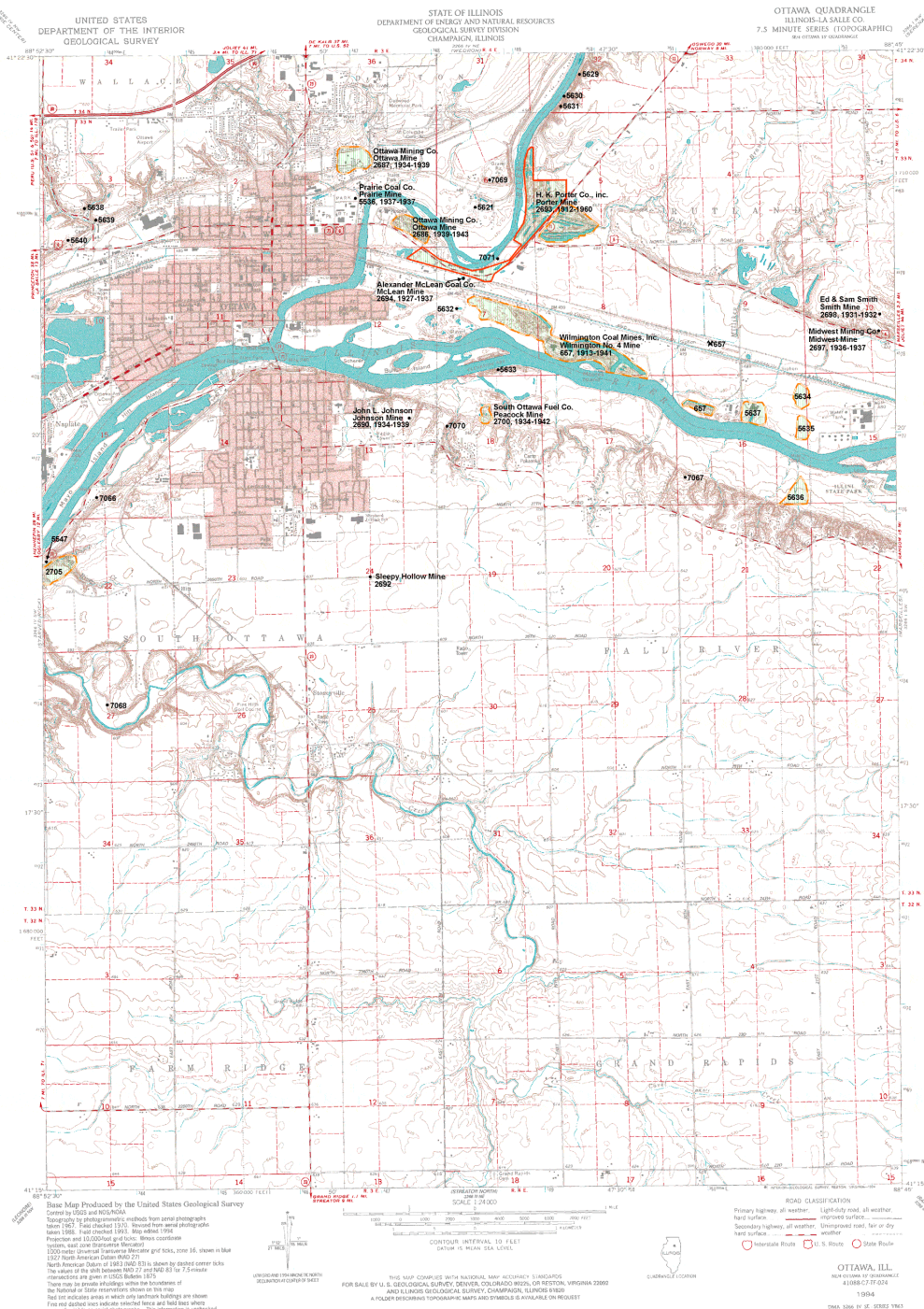
These data were compiled and digitized from the best source maps available. Locations of some features may be offset by 500 feet or more due to errors in the original source maps, the compilation process, digitizing or a combination of these factors. Documentation of the source materials used is contained in the directory that accompanies this map. It is the user's responsibility to read this documentation and understand the limitations of the data. Though efforts have been made to compile these data accurately, the Illinois State Geological Survey does not guarantee the validity or the accuracy of these data.

The image of the U.S.G.S. Ottawa Quadrangle used as a basemap was projected from the original UTM to Lambert Conformal Conic.



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

Mine Outlines Compiled by
Jennifer M. Obrad



DIRECTORY OF COAL MINES IN ILLINOIS 7.5-MINUTE QUADRANGLE SERIES OTTAWA QUADRANGLE LA SALLE COUNTY

Jennifer M. Obrad



Department of Natural Resources
ILLINOIS STATE GEOLOGICAL SURVEY
2007
REVISED 2022

**DIRECTORY OF COAL MINES IN ILLINOIS
7.5-MINUTE QUADRANGLE SERIES
OTTAWA QUADRANGLE
LA SALLE COUNTY**

2007
REVISED 2022

ILLINOIS STATE GEOLOGICAL SURVEY
William Shilts, Chief

Natural Resources Building
615 East Peabody Drive
Champaign, Illinois 61820

Phone 1-217-244-4610
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, or telephone (217) 244-4610.

Printed by authority of the State of Illinois/2007

CONTENTS

INTRODUCTION	1
MINING IN THE OTTAWA QUADRANGLE	1
PART I EXPLANATION OF MAP AND MINE SUMMARY SHEET	2
INTERPRETING THE MAP	2
Mine Type and Mining Method	2
SOURCE MAPS	3
POINTS AND LABELS	3
INTERPRETING A MINE SUMMARY SHEET	6
REFERENCES	8
PART II DIRECTORY OF MINES IN THE OTTAWA QUADRANGLE	9
MINE SUMMARY SHEETS	9
Mine Index 657	
Wilmington Coal Mines, Inc., Wilmington No. 4 Mine	9
Mine Index 2686	
Ottawa Mining Company, Ottawa Mine	10
Mine Index 2687	
Ottawa Mining Company, Ottawa Mine	11
Mine Index 2690	
John L. Johnson, Johnson Mine	12
Mine Index 2693	
H. K. Porter Company, Inc., Porter Mine	13
Mine Index 2694	
Alexander McLean Coal Company, McLean Mine	14
Mine Index 2697	
Midwest Mining Company, Midwest Mine	15
Mine Index 2698	
Ed & Sam Smith, Smith Mine	16
Mine Index 2700	
E. Roy Myers, Peacock Mine	17
Mine Index 5536	
Prairie Coal Company, Prairie Mine	18
OTHER MINES SHOWN ON THE OTTAWA QUADRANGLE	19
Mine Index 2692, Sleepy Hollow Mine	19
Mine Index 2705	19
Mine Index 5547	19
Mine Index 5621	19
Mine Index 5629	19
Mine Index 5630	19
Mine Index 5631	19
Mine Index 5632	19
Mine Index 5633	19
Mine Index 5634	19
Mine Index 5635	19
Mine Index 5636	19
Mine Index 5637	19
Mine Index 5638	19
Mine Index 5639	19
Mine Index 5640	19
Mine Index 7066	19
Mine Index 7067	19
Mine Index 7068	19
Mine Index 7069	19
Mine Index 7070	19
Mine Index 7071	19

MINES WHOSE LOCATIONS ARE NOT KNOWN, OTTAWA QUADRANGLE	19
INDEX OF MINES IN THE OTTAWA QUADRANGLE	24

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 OTTAWA QUADRANGLE

Coal mines in the Ottawa area were usually small in size. The seam mined was the Colchester Coal, which ranged between 2.0 and 2.5 feet in thickness at most locations. The Colchester Coal was relatively shallow in this area, which allowed for the coal to be stripped or worked as drift mines. The coal was sometimes mined in conjunction with the related underclay and used to fire the clay products produced, the clay tiles or brick being the primary product being produced.

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.

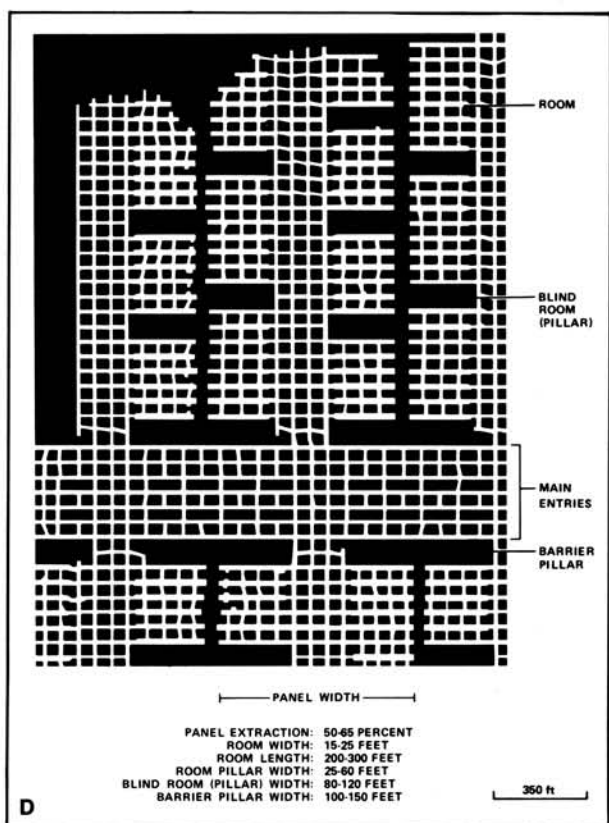
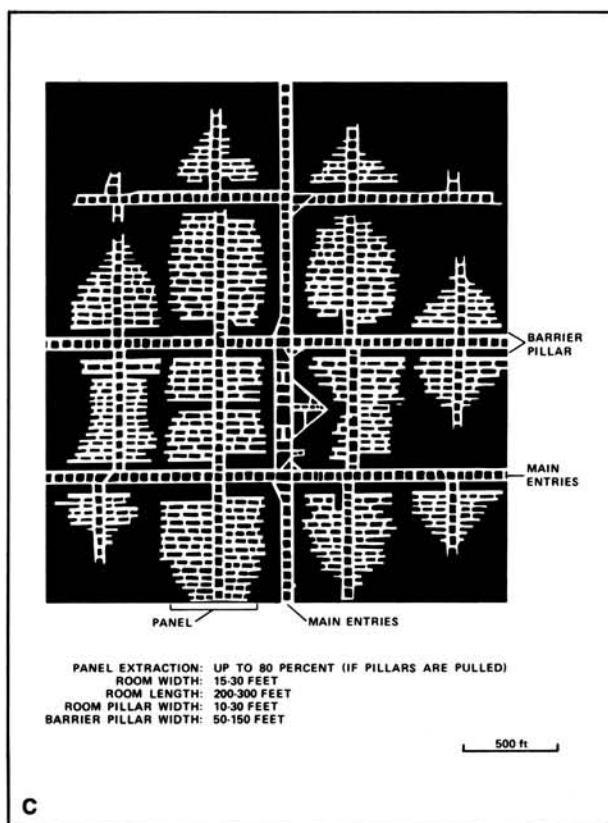
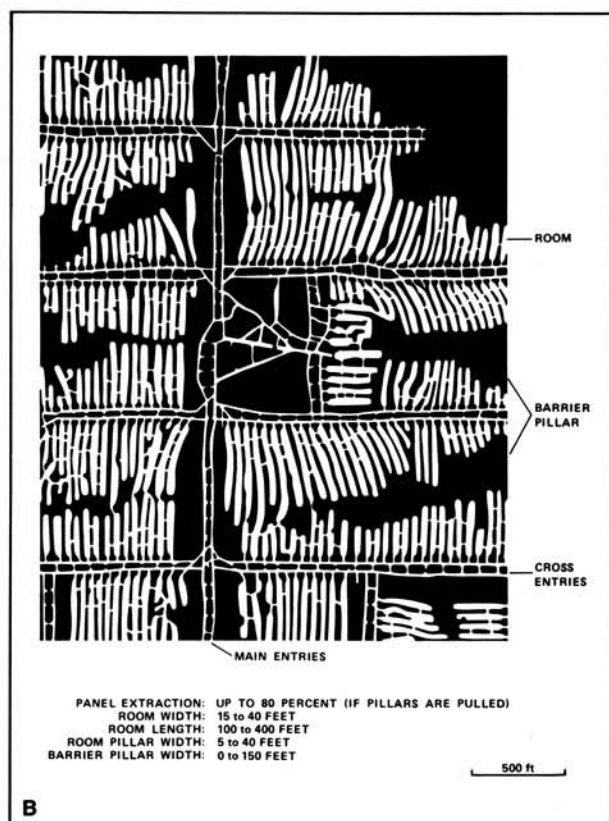
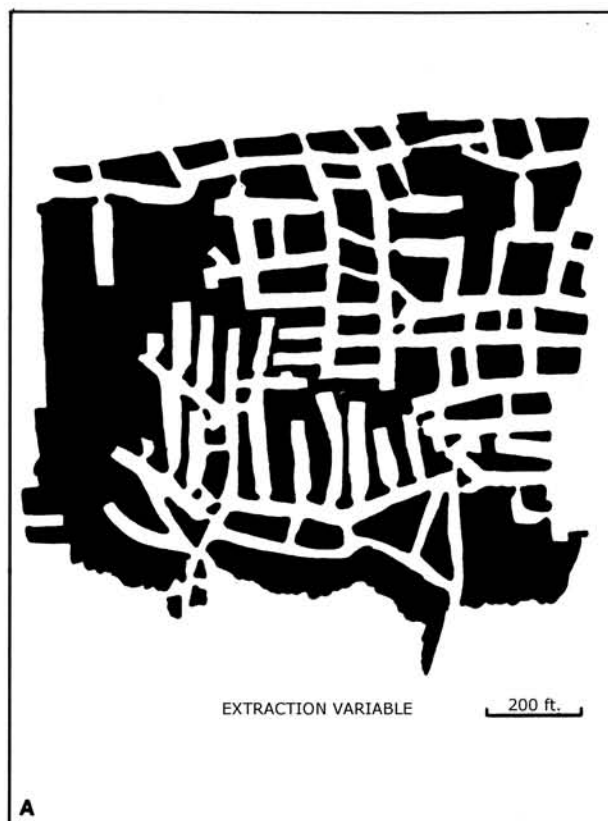


Figure 1 Mining methods: (A) room-and-pillar basic (RPB), (B) modified room and pillar (MRP), (C) room-and-pillar panel (RPP), (D) blind room and pillar (BRP).

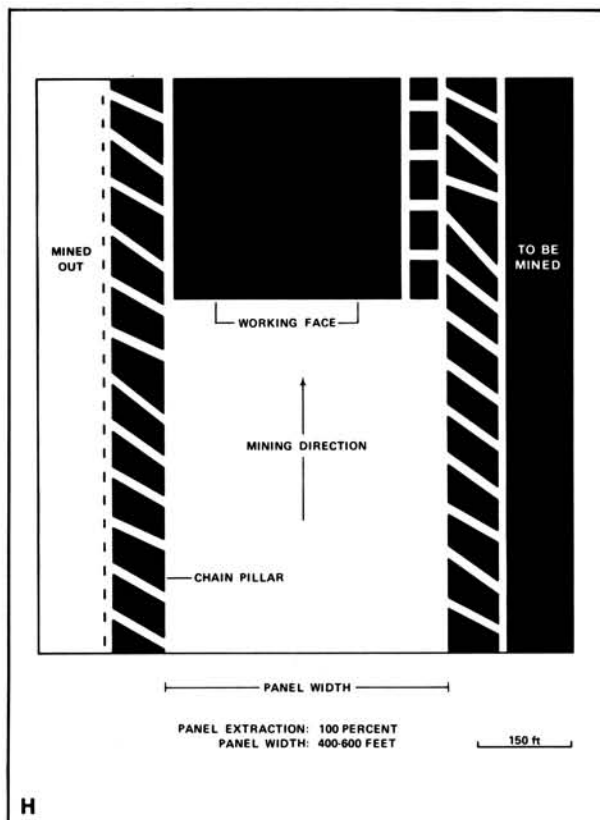
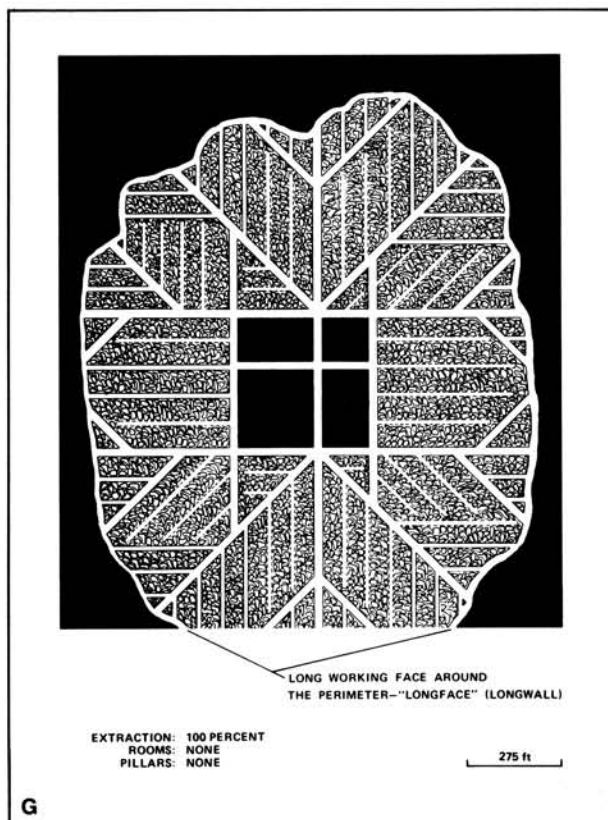
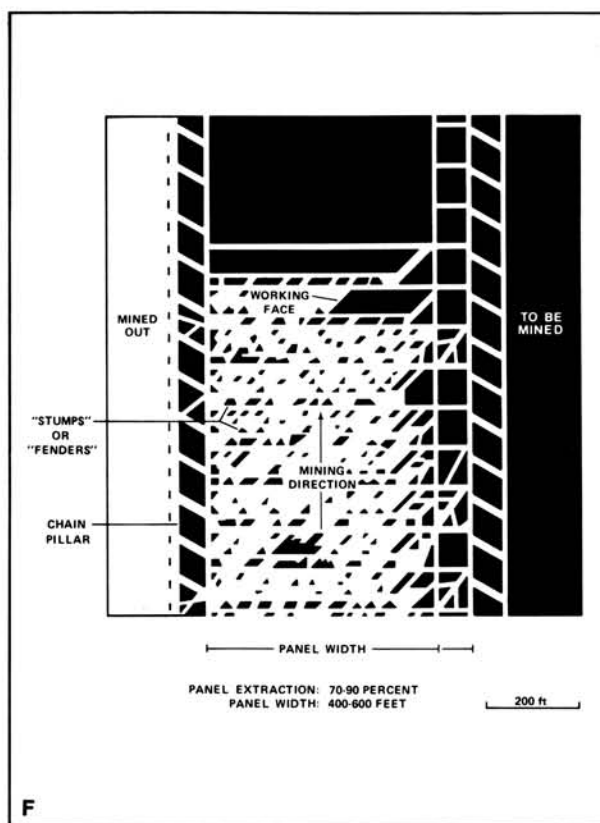
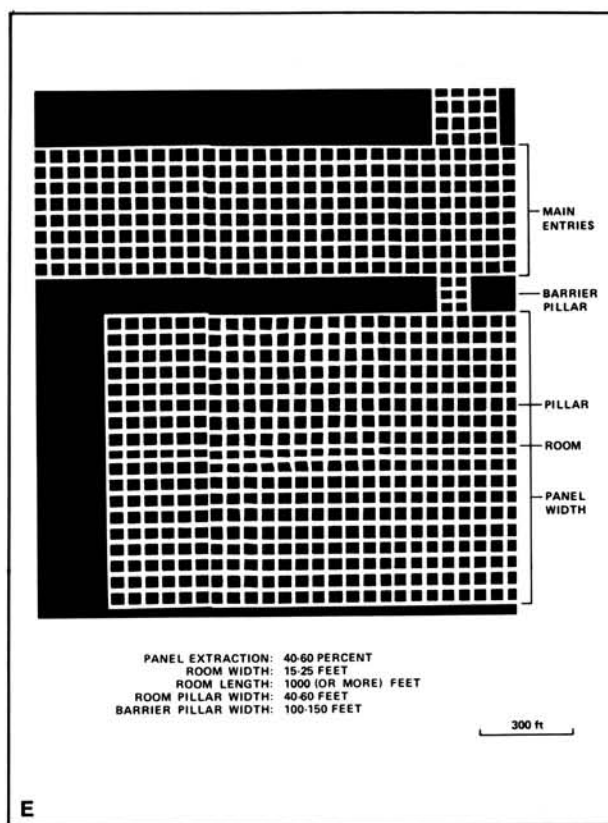


Figure 1 (cont.) Mining methods: (E) checkerboard room and pillar (CRP), (F) high extraction retreat (HER), (G) early (pre-1960) longwall, (H) post-1959 longwall

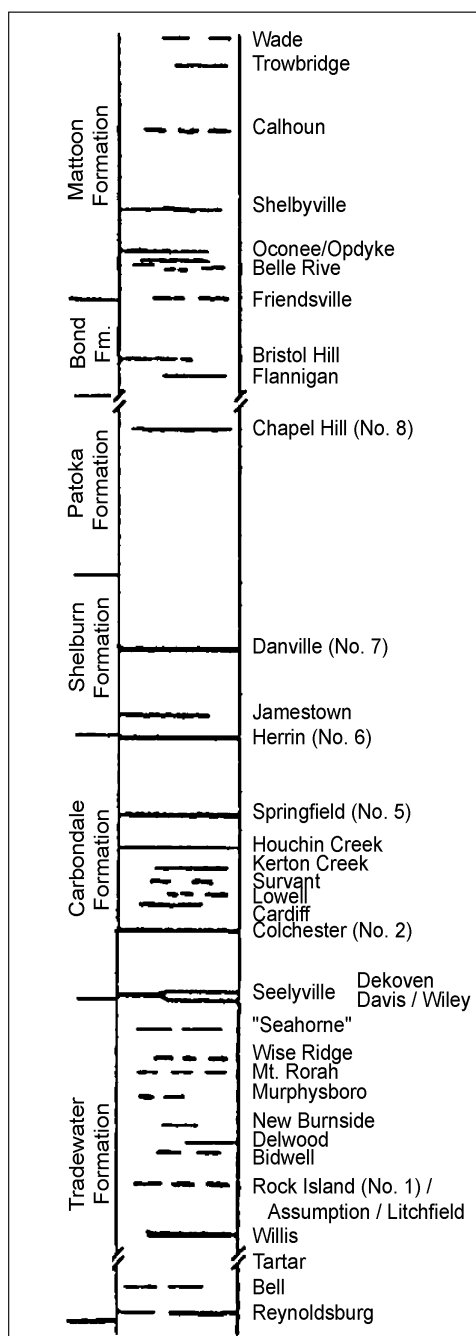


Figure 2 Generalized stratigraphic section, showing approximate vertical relations of coals in Illinois.

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.

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

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

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

PRODUCTION HISTORY

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

SOURCE OF DATA

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

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

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

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

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

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

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

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

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

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

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

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

REFERENCES

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

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

PART II DIRECTORY OF MINES IN THE OTTAWA QUADRANGLE

MINE SUMMARY SHEETS

A summary sheet on the geology and production history of each mine in the Ottawa 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 657

Wilmington Coal Mines, Inc., Wilmington No. 4 Mine

Type: Surface Total mined-out acreage shown: 144 Production indicates approximately 65 acres were mined. Other operators may have mined these pits (see the unlocated mines at the back of this report).

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Tipple	La Salle	33N 4E	9	NW SE SW
Pit	La Salle	33N 4E	8	SW NW NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	25			2.17-2.5	Surface

Geologic Problems Reported: Coal balls were found near the top of the coal seam. The upper 2-3 inches of the coal contained pyrite bands and a persistent gypsum band.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
National Fire Proofing Company	Pioneer	1913-1934 *	49,171
Wilmington Coal Mines, Inc. **	Wilmington No. 4, Echo	1935-1941	189,711
			238,882

*Idle 1919, 1926, 1931 & 1934. Production not reported in 1922 for mines producing less than 10,000 tons.

Production not reported 1930-1933 for mines producing less than 1,000 tons per year, so National Fire Proofing Company may have had low production in 1931 instead of being idle.

** This mine also operated under the name McElvain Coal & Mining Company, but did not report under that name.

Last reported production: 1941

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 6-261d	7-7-1941	1:31680	1:31680	Final
Coal Section files	Undated	1:62500	1:62500	Secondary source
USGS topographic map	1994	1:24000	1:24000	Secondary source

Annotated Bibliography (data source, brief description of information)

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

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

ENR Document 85/01 - Mining method.

Mine notes (La Salle County) - Mine location, seam.

ISGS field notes (La Salle County) - Geologic problems.

Company map, Coal Section files 6-261d - General pit location (no coordinates to register the mine to land surface).

Coal Section files, data sketched onto USGS Ottawa Quadrangle (15-minute) - Tipple location, general pit location.

Ottawa Quadrangle, USGS 7.5-minute topographic map, 1994 - Mine outline.

Mine Index 2686
Ottawa Mining Company, Ottawa Mine

Type: Surface Total mined-out acreage shown: 21

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	La Salle	33N 3E	1	SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	18-20			2.0-2.5	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Ottawa Mining Company	Ottawa	1939-1943	60,528 60,528

Last reported production: 1943

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.L32 i5.1-8	4-21-1942	1:4800	1:4800	Not final
USGS topographic map	1994	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 (La Salle County) - Mine names, mine index, ownership, years of operation.
 ENR Document 85/01 - Mining method.
 Mine notes (La Salle County) - Mine type, mine location, seam, depth, thickness.
 ISGS field notes (La Salle County) - Depth, thickness.
 Company (sketch) map, ISGS map library, 4103.L32 i5.1-8 - General mine location.
 Ottawa Quadrangle, USGS 7.5-minute topographic map, 1994 - Mine outline.

Mine Index 2687**Ottawa Mining Company, Ottawa Mine**

Type: Surface Total mined-out acreage shown: 28 Production indicates approximately 10 acres were mined. The area mined is smaller than shown on the accompanying map.

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	La Salle	33N 3E	1	SE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	22			2.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Ottawa Coal Company	Ottawa	1934-1935 *	100
Dwin Coal Company	Dwin	1936-1937	606
Ottawa Mining Company	Ottawa	1937-1939	<u>31,341</u>
			32,047

* Idle 1935

Last reported production: 1939

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.L32 i5.1-9	1946	1:62500	1:62500	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

ENR Document 85/01 - Mining method.

Mine notes (La Salle County) - Mine type, mine location, seam, depth, thickness.

ISGS map library, 4103.L32 i5.1-9, USDA Strip Mine Reconnaissance Map - Mine outline, mining method.

Mine Index 2690
John L. Johnson, Johnson Mine

Type: Surface 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
Pit	La Salle	33N 3E	13	NW SE NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	15			1.83	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
John L. Johnson	Johnson	1934-1939	<u>707</u> 707

Last reported production: 1939

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.

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

ENR Document 85/01 - Mining method.

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

Mine Index 2693**H. K. Porter Company, Inc., Porter Mine**

Type: Surface Total mined-out acreage shown: 159 Production indicates approximately 30 acres were mined at the time of the source map. The coal may have been thin or absent over some of the area shown on the accompanying map. The area shown was mined for clay to make brick and tile. The secondary source outline on the accompanying map is the area mined after the source map date. This area is approximately 50 acres, while production indicates a maximum of 30 acres of coal were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	La Salle	33N 4E	5	NW SW *

* The mine notes reported that the company did not operate a tipple, but mined both coal and clay, using the coal to fire their bricks and other products.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	17-30			2.0-3.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Chicago Retort Fire Brick Company	Chicago Retort Fire Brick	1912-1941 **	120,399
Chicago Retort Fire Brick Company	Chicago Retort Fire Brick	1942-1951	61,908 ***
LaClede-Christy Company	LaClede-Christy	1952-1952	2,388 ***
Chicago Retort Fire Brick Company	Chicago Retort Fire Brick	1953-1955	6,819 ***
LaClede-Christy Company	LaClede-Christy	1956-1958	11,872 ***
H. K. Porter Company, Inc.	Porter	1959-1960	2,453 ***
			205,839

** Idle 1914, 1915, 1922, 1926, 1927

*** Production after map date

Last reported production: October 1960

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 6-261c	11-1-1941	1:31680	1:31680	Not final
USGS topographic map	1994	1:24000	1:24000	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 (La Salle County) - Mine names, mine index, ownership, years of operation.

ENR Document 85/01 - Mining method.

Mine notes (La Salle County) - Mine location, depth, thickness.

Company map, Coal section files, 6-261c - Mine outline, mining method.

Ottawa Quadrangle, USGS 7.5-minute topographic map, 1994 - Mine outline.

Mine Index 2694**Alexander McLean Coal Company, McLean Mine**

Type: Surface Total mined-out acreage shown: None; production indicates approximately 4 acres were mined. Three locations were listed in the mine database for McLean's surface mining, none of which are verified by a company map. The location shown below is the only one reported in the Coal Section's mine notes. Some of this acreage may have been mined in the Porter Mine (mine index 2693) in SE SW 5-T33N-R4E, one of the locations formerly listed in the mine database.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	La Salle	33N 4E	7	N ½

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	15			2.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Alexander McLean Coal Company	McLean	1927-1937 *	<u>12,320</u> 12,320

* Idle 1928-1930

Last reported production: 1937

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.

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

ENR Document 85/01 - Mining method.

Mine notes (La Salle County) - Mine type, mine location, depth, thickness.

Mine Index 2697
Midwest Mining Company, Midwest 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
Mine	La Salle	33N 4E	10	SW NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester					Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Midwest Mining Company	Midwest, Happy Hollow	1936-1937	524
			524

Last reported production: 1937

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes	1936	(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, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 ENR Document 85/01 - Mining method.
 Mine notes (La Salle County) - Mine location.

Mine Index 2698
Ed & Sam Smith, Smith Mine

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

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	La Salle	33N 4E	10	NW NW SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester					Underground

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Ed & Sam Smith	Smith	1931-1932 *	<u>2,000</u> 2,000

* The 1932 production was not reported and was less than 1,000 tons. (Production was not listed from 1930 to 1933 for mines producing less than 1,000 tons per year.) The mine did operate in 1932, because Ed Smith's fatal accident in the mine was reported in December 1932.

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes	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, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 ENR Document 85/01 - Mining method.
 Mine notes (La Salle County) - Mine location.

Mine Index 2700**E. Roy Myers, Peacock Mine**

Type: Surface Total mined-out acreage shown: 6

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	La Salle	33N 4E	18	NW SW NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	14			2.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
South Ottawa Coal Company	South Ottawa	1934-1934	500
Stevenson & Myers	Stevenson & Myers	1934-1935	4,250
Smith & Harrington Company	Smith & Harrington	1934-1937	19,709
Stevenson, Myers & Stevenson	Peacock	1936-1936	610
South Ottawa Fuel & Mining Company	South Ottawa	1937-1937	1,000
Roy Meyers	Peacock	1937-1941 *	2,969
South Ottawa Fuel Company	Peacock	1942-1942	174
			29,212

* Idle 1938

Last reported production: 1942

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Coal section files	Undated	1:62500	1:62500	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

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

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

Coal section files, data sketched onto USGS (15-minute) Ottawa Quadrangle topographic map - Mine outline.

Mine Index 5536
Prairie Coal Company, Prairie Mine

Type: Surface 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
Pit	La Salle	33N 3E	1	NE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester				1.67	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Prairie Coal Company	Prairie	1937-1937	500
			500

Last reported production: 1937

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Mine notes	Undated	1:62500 *	1:24000	Secondary source

* A general area of mining was circled on a small grid in the mine notes. The mine was plotted on a 1:24000 USGS topographic map from this sketched location and digitized.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 ENR Document 85/01 - Mining method.
 Mine notes (La Salle County) - Mine type, mine location, thickness.

OTHER MINES SHOWN ON THE OTTAWA QUADRANGLE

Mine Index 2692, Sleepy Hollow Mine 24-T33N-R3E source: Mine notes
 Mine Index 2705 SW NW 22-T33N-R3E, surface source: ISGS field notes (Parham & Weill, 1958) & Coal Section files, map 6-85e
 Mine Index 5547 NW SW NW 22-T33N-R3E, numerous drifts source: ISGS field notes (Cady & Currier, 1917)
 Mine Index 5621 SW NW SE 6-T33N-R4E, surface source: ISGS field notes (H. B. Willman, 1936)
 Mine Index 5629 SW NE SW 32-T34N-R4E source: ISGS mine database
 Mine Index 5630 NE SW SW 32-T34N-R4E source: ISGS mine database
 Mine Index 5631 SE SW SW 32-T34N-R4E source: ISGS mine database
 Mine Index 5632 SE SE NW 7-T33N-R4E source: USDA Forest Survey, ISGS map library, 4103.L32 i5.1-9
 Mine Index 5633 SE SW SE 7-T33N-R4E source: ISGS mine database
 Mine Index 5634 SE NE NE 16-T33N-R4E, surface source: USDA Forest Survey, ISGS map library, 4103.L32 i5.1-9
 Mine Index 5635 SE SE NE 16-T33N-R4E, surface source: USDA Forest Survey, ISGS map library, 4103.L32 i5.1-9
 Mine Index 5636 SE SE 16-T33N-R4E, surface source: USDA Forest Survey, ISGS map library, 4103.L32 i5.1-9
 Mine Index 5637 NW SW NE 16-T33N-R4E, surface source: USDA Forest Survey, ISGS map library, 4103.L32 i5.1-9
 Mine Index 5638 SW NE SW 3-T33N-R3E source: ISGS mine database
 Mine Index 5639 NE SE SW 3-T33N-R3E source: ISGS field notes (Cady & Currier, 1917)
 Mine Index 5640 SE SW SW 3-T33N-R3E source: ISGS mine database
 Mine Index 7066 NE SE SW 15-T33N-R3E source: ISGS field notes (Cady & Currier, 1917)
 Mine Index 7067 NW SW SW 16-T33N-R4E source: ISGS field notes (Cady & Currier, 1917)
 Mine Index 7068 SE SE NW 27-T33N-R3E, several drifts source: ISGS field notes (H. B. Willman, 1931)
 Mine Index 7069 SE SW NE 6-T33N-R4E, surface source: ISGS field notes (Parham & Weill, 1958)
 Mine Index 7070 NW SE NW 18-T33N-R4E source: USDA Forest Survey, ISGS map library, 4103.L32 i5.1-9
 Mine Index 7071 NW NE NE 7-T33N-R4E, shaft source: Atlas of La Salle County, 1892, published by Alden, Ogle & Co.

MINES WHOSE LOCATIONS ARE NOT KNOWN, OTTAWA 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 Ottawa 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), seam, depth of coal in feet, and thickness of coal in feet.

The total tons mined by these unlocated mines is 214,329 (189,916 underground, 17,561 surface mined and 6,852 mined by unknown method), which would represent approximately 40 to 90 acres, depending on the recovery factor, mining method, and numerous other factors. (Note: 1 square mile = 640 acres)

DAYTON

Hoganson (T. L.), 1917-1918	200 tons	mine index 5766
Royal Sand & Clay Company, 1928-1929, underground	740 tons	mine index 5767
Imperial Clay Company, 1923-1924	200 tons	mine index 5768
Rethenbough (Jake), 1929-1929, surface	62 tons	mine index 5769
Andersates (Adam), 1927-1928, underground	120 tons	mine index 5821
Fox River Clay Works, 1934-1942, surface	1,484 tons	

MARSEILLES

Mitchell & Jackson, 1882-1884, shaft, Colchester, 90, 3.0	16,630 tons	mine index 5746
Shelton (John), 1881-1882, shaft, Colchester, 100-165, 3.0, LW	12,000 tons	mine index 5747
Shelton (Philip), 1882-1885	21,425 tons	
Spicer (E. H.), 1885-1886	2,700 tons	
Watkins & Love, 1886-1888	8,200 tons	
Carney Brothers, 1888-1892	21,700 tons	
Drake (J. L.), 1892-1893	<u>4,000 tons</u>	
	70,025 tons	
Harrington (R. F.), 1893-1894, drift, —, 20, 2.5-2.67, RP	1,568 tons	mine index 5750
Harrington (J. D.), 1894-1895, (production not reported, "almost no work done during the year")		
Corrigan (James) & Son, 1919-1923	2,324 tons	mine index 5751
Corrigan Brothers, 1923-1924	150 tons	
Corrigan (Mike), 1924-1926	102 tons	
Corrigan Coal Company, 1927-1927	<u>100 tons</u>	
	2,676 tons	
Baldwin (Charles) & Gilbert (G. G.), 1931-1931, underground	12,762 tons	
Congress Construction Company, 1934-1934, surface	1,500 tons	
Marseilles Strip Mine, 1934-1935, surface	2,019 tons	
Martin (J. L.), 1936-1936	<u>130 tons</u>	
	2,149 tons	
Faletto Brothers Coal Company, 1934-1935, underground	416 tons	
Decker (W. F.) & Sons, 1935-1935, underground	800 tons	

OTTAWA

Prater (George), 1934-1939, surface	408 tons	mine index 5533
Connors (C. A.), No. 1 Mine, 1937-1938, slope, Colchester, section 24	153 tons	mine index 5664
Willett (T. E.), 1939-1939	16 tons	
Smith (Sam), 1940-1942	<u>107 tons</u>	
	276 tons	
McCullough (Charles H.), 1918-1925	828 tons	mine index 5745
Smith (C. J.), 1895-1897, slope, Colchester, 45-60, 2.33, RP	150 tons	mine index 5770
Smith (Gus), 1897-1898	<u>200 tons</u>	
	350 tons	
Frost (Frank), 1895-1897, drift, —, 90, 2.5, RP	618 tons	mine index 5771
Fishburn (F. M.), 1895-1902, drift, Colchester, 60-70, 2.33, RP	1,754 tons	mine index 5772
Delbridge (John), 1895-1901, drift, Colchester, 40-45, 2.17-2.33, RP	2,400 tons	mine index 5773
McCullough (James), 1895-1903, drift, Colchester, 60, 2.33-2.67, RP	6,787 tons	mine index 5774
McCullough (Joseph), 1903-1904	250 tons	
McCullough (James), 1904-1910	1,380 tons	
McCullough (C. H.), 1910-1911	108 tons	
McCullough (James), 1911-1912	<u>250 tons</u>	
	8,775 tons	
Nelson (M.), 1896-1897, drift, Colchester, 50-70, 2.0-2.5, RP	100 tons	mine index 5775
Nelson (Nelson), 1897-1900	<u>850 tons</u>	

	950 tons	
Carpenter (W. H.), 1896-1897, drift, —, 40, 2.5, RP	200 tons	mine index 5776
U. S. Silica Company, 1897-1899, drift, Colchester, 45, 2.33	552 tons	mine index 5777
Halfinch (John), 1897-1898, drift, Colchester, 45, 2.33	225 tons	mine index 5778
Taylor & Jennings, 1897-1898, drift, Colchester, 50, 2.0, RP	195 tons	mine index 5779
Taylor (John), 1898-1903	<u>760</u> tons 955 tons	
Planger (James), 1897-1898, drift, Colchester, 60, 2.0	200 tons	mine index 5781
Brown (W. A.), 1897-1900, drift, Colchester, 55, 2.33, RP	825 tons	mine index 5782
Vazaine (Daniel), 1897-1905, drift, Colchester, 60, 2.33, RP	1,915 tons	mine index 5783
Tisler (G. H.), 1898-1899, drift, Colchester, 50, 2.33	675 tons	mine index 5784
Edson (James), 1899-1901, —, —, 60, 2.33, RP	385 tons	mine index 5786 a
Edson (James), 1902-1904, drift, Colchester, 60, 2.33, RP	413 tons	mine index 5786 b
Brewer (L. W.), 1900-1905, drift, Colchester, 55-70, 2.33, RP	1,750 tons	mine index 5787
Saxby (William), 1900-1904, drift, Colchester, 70, 2.33, RP	1,450 tons	mine index 5788
Farrell (T. B.), 1901-1904, drift, Colchester, 45, 2.33, RP	640 tons	mine index 5789
Mertz (William), 1902-1909, drift, Colchester, 55-65, 2.33, RP	2,908 tons	mine index 5790
Ringer & Hochstetter, 1902-1905, drift, Colchester, 50-60, 2.33, RP	965 tons	mine index 5791
White (Matthew), 1903-1906, shaft, Colchester, 30, 2.67, RP	5,200 tons	mine index 5792
Myer (George F.), 1899-1902, drift, Colchester, 50-90, 2.0-3.0, RP	727 tons	mine index 5793
Myer & Hendee, 1902-1904	880 tons	
Hendee (Charles), 1904-1917	5,846 tons	
Hendee Brothers, 1917-1918	456 tons	
Hendee (Charles), 1918-1919	<u>627</u> tons 8,536 tons	
Crompton (Adam), 1904-1910, drift, Colchester, 45-60, 2.33-2.67, RP	2,480 tons	mine index 5794
Steele (George), 1904-1907, drift, Colchester, 55-60, 2.33-2.83, RP	595 tons	mine index 5795
Steele & Johnson, 1907-1908	1,336 tons	
Steele (George), 1908-1912	<u>1,715</u> tons 3,646 tons	
Hepp (Charles), 1904-1908, drift, Colchester, 50-60, 2.33, RP	790 tons	mine index 5796
Howell & Baker, 1904-1905, drift, Colchester, 50, 2.33, RP	180 tons	mine index 5797
Johnson & Hendis, 1905-1906, drift, Colchester, 60, 2.33, RP	625 tons	mine index 5798
Haskins (Al), 1905-1906, drift, Colchester, 60, 2.33, RP	195 tons	mine index 5799
Buchanan Brothers, 1908-1910, drift, Colchester, 70, 2.5, RP	750 tons	mine index 5800
Burgen (R. H.), 1909-1912, drift, —, 50, 2.33-2.75, RP	595 tons	mine index 5801
Hurst & Howell, 1910-1912, drift, Colchester, 125, 2.33-2.75, RP	500 tons	mine index 5802
Howell (W.), 1912-1913	<u>265</u> tons 765 tons	

Brewer (L. W.), 1910-1918, slope, Colchester, 125-300, 2.0-4.5, RP	2,526 tons	mine index 5803
Beguín (Robert H.), 1913-1914, slope, Colchester, 200, 2.5, RP	12 tons	mine index 5806
Mooney (Thomas), 1916-1918, surface, Colchester, 10, 2.0	300 tons	mine index 5807
Holm (James), 1917-1918	150 tons	mine index 5809
Vallet (William), 1917-1918	60 tons	mine index 5810
Commonwealth Sand Company, 1918-1921	1,232 tons	mine index 5811
Clark (Chester) Coal Company, 1917-1919	240 tons	mine index 5812
Scherer (Fred), 1920-1921	350 tons	mine index 5814
Cross & Engle Brothers, 1922-1923	128 tons	mine index 5815
Shelton (Ben), 1922-1923	98 tons	mine index 5816
Bellrose Sand Company, 1923-1924	300 tons	mine index 5817
Benson Sand Company, 1924-1925	100 tons 400 tons	
Mays & Johnson, 1925-1925	90 tons	mine index 5818
Mayo (George), 1926-1926	50 tons 140 tons	
Ottawa Silica Mold Sand Company, 1927-1929, surface	1,550 tons	mine index 5819
Buffalo Rock Sand Company, 1928-1928, surface	140 tons	mine index 5822
Ottawa United Relief Association, 1931-1932, surface	4,365 tons	mine index 5823
East Ottawa Relief Mines, 1934-1934, surface	1,000 tons	mine index 5823
Ottawa Relief Association, West Mine, 1934-1934, surface	400 tons	mine index 5823
20 small mines, 1881-1882	12,000 tons	
Malley (P. O.), Duckett (William), Armstrong Brothers, McGaur (F.), McCarthy (J.), Fox (J.), Daly (J.), Burns (Chris), Fox (P.), Whalen (P.), Carey (J.), Campen (T.), Murphy Brothers, Murphy (T. J.), Miller (James), Sinnott (W.), Hazelnut (D.), Welch (D.), Buckley (C.), Cunningham (Larry)		
Deer Coal Company, 1938-1939, surface	950 tons	
Stevenson-Myers-Stevenson, 1936-1936, surface	912 tons	
Stevenson (William C.), 1937-1938	420 tons 1,332 tons	
Fishburn (Ben), 1924-1925	150 tons	
McCullough (Charles), 1929-1934, underground	118 tons	
Big Four Coal Company, 1934-1934, surface	105 tons	
Johnson Coal Company, 1934-1934, underground	75 tons	
Beguín Coal Company, 1934-1934, underground	290 tons	
Wilson & Son, 1934-1936, surface	403 tons	
Ritz (C. L.), 1934-1935, surface	280 tons	
Walsh & Woodward, 1934-1934, surface	150 tons	

Sanchez (L.), 1934-1934, surface	110 tons
Dickens (Harold), 1934-1935, surface	160 tons
Looney (Jerry), 1934-1934, surface	100 tons
Kenegan (Mike), 1934-1934, surface	100 tons
Miller & Company, 1934-1934, surface	100 tons
Price (Henry), 1934-1935, surface	215 tons
Roberts (Frank), 1934-1935, underground	150 tons
Fitzgerald (Pat), 1934-1934, underground	80 tons
George (James), 1934-1935, underground	180 tons
Armstrong & Phelps, 1934-1934, underground	75 tons
Armstrong & Son, 1935-1936	<u>193</u> tons
	268 tons
Holloway Coal Company, 1934-1934, surface	58 tons
Mooney Coal Company, 1934-1934, underground	55 tons
Martine (Herman), 1935-1935, surface	65 tons
Heth (Robert, Jr.), 1935-1936, underground	158 tons
Corrigan (Mike), 1937-1937, surface	75 tons

INDEX OF MINES IN THE OTTAWA QUADRANGLE

Andersates (Adam)	19
Armstrong & Phelps	23
Armstrong & Son	23
Armstrong Brothers	22
Baker (Howell & Baker)	21
Baldwin (Charles) & Gilbert (G. G.)	20
Beguín (Robert H.)	22
Beguín Coal Company	22
Bellrose Sand Company	22
Benson Sand Company	22
Big Four Coal Company	22
Brewer (L. W.)	21
Brown (W. A.)	21
Buchanan Brothers	21
Buckley (C.)	22
Buffalo Rock Sand Company	22
Burgen (R. H.)	21
Burns (Chris)	22
Campan (T.)	22
Carey (J.)	22
Carney Brothers	20
Carpenter (W. H.)	21
Chicago Retort Fire Brick Company	13
Clark (Chester) Coal Company	22
Commonwealth Sand Company	22
Congress Construction Company	20
Connors (C. A.)	20
Corrigan (James) & Son	20
Corrigan (Mike)	20, 23
Corrigan Brothers	20
Corrigan Coal Company	20
Crompton (Adam)	21
Cross & Engle Brothers	22
Cunningham (Larry)	22
Daly (J.)	22
Decker (W. F.) & Sons	20
Deer Coal Company	22
Delbridge (John)	20
Dickens (Harold)	22
Drake (J. L.)	20
Duckett (William)	22
Dwin Coal Company	11
East Ottawa Relief Mines	22
Echo Mine	9
Edson (James)	21
Engle Brothers (Cross & Engle Brothers)	22
Faletto Brothers Coal Company	20
Farrell (T. B.)	21
Fishburn (Ben)	22
Fishburn (F. M.)	20
Fitzgerald (Pat)	23
Fox (J.)	22
Fox (P.)	22
Fox River Clay Works	19
Frost (Frank)	20
George (James)	23
Gilbert (Baldwin & Gilbert)	20
Halfinck (John)	21
Happy Hollow Mine	15
Harrington (J. D.)	20
Harrington (R. F.)	20
Harrington (Smith & Harrington Company)	17
Haskins (Al)	21

Hazelnut (D.)	22
Hendee (Charles)	21
Hendee (Myer & Hendee)	21
Hendee Brothers	21
Hendis (Johnson & Hendis)	21
Hepp (Charles)	21
Heth (Robert, Jr.)	23
Hochstetter (Ringer & Hochstetter)	21
Hoganson (T. L.)	19
Holloway Coal Company	23
Holm (James)	22
Howell (Hurst & Howell)	21
Howell (W.)	21
Howell & Baker	21
Hurst & Howell	21
Imperial Clay Company	19
Jackson (Mitchell & Jackson)	20
Jennings (Taylor & Jennings)	21
Johnson (John L.)	12
Johnson (Mays & Johnson)	22
Johnson (Steele & Johnson)	21
Johnson & Hendis	21
Johnson Coal Company	22
Kenegan (Mike)	23
LaCledde-Christy Company	13
Looney (Jerry)	23
Love (Watkins & Love)	20
Malley (P. O.)	22
Marseilles Strip Mine	20
Martin (J. L.)	20
Martine (Herman)	23
Mayo (George)	22
Mays & Johnson	22
McCarthy (J.)	22
McCullough (C. H.)	20
McCullough (Charles H.)	20
McCullough (Charles)	22
McCullough (James)	20
McCullough (Joseph)	20
McElvain Coal & Mining Company	9
McGaur (F.)	22
McLean (Alexander) Coal Company	14
Mertz (William)	21
Meyers (Roy)	17
Midwest Mining Company	15
Miller (James)	22
Miller & Company	23
Mitchell & Jackson	20
Mooney (Thomas)	22
Mooney Coal Company	23
Murphy (T. J.)	22
Murphy Brothers	22
Myer (George F.)	21
Myer & Hendee	21
Myers (Stevenson & Myers)	17
Myers (Stevenson, Myers & Stevenson)	17
Myers (Stevenson-Myers-Stevenson)	22
National Fire Proofing Company	9
Nelson (M.)	20
Nelson (Nelson)	20
Ottawa Coal Company	11
Ottawa Mining Company	10, 11
Ottawa Relief Association, West Mine	22
Ottawa Silica Mold Sand Company	22
Ottawa United Relief Association	22

Peacock Mine	17
Phelps (Armstrong & Phelps).	23
Pioneer Mine	9
Planger (James)	21
Porter (H. K.) Company, Inc.	13
Prairie Coal Company	18
Prater (George)	20
Price (Henry)	23
Rethenbough (Jake)	19
Ringer & Hochstetter	21
Ritz (C. L.)	22
Roberts (Frank)	23
Royal Sand & Clay Company.	19
Sanchez (L.)	22
Saxby (William)	21
Scherer (Fred)	22
Shelton (Ben).	22
Shelton (John)	20
Shelton (Philip)	20
Sinnott (W.)	22
Sleepy Hollow Mine	19
Smith (C. J.).	20
Smith (Ed & Sam)	16
Smith (Gus)	20
Smith (Sam).	20
Smith & Harrington Company	17
South Ottawa Coal Company	17
South Ottawa Fuel & Mining Company	17
South Ottawa Fuel Company.	17
Spicer (E. H.)	20
Steele (George)	21
Steele & Johnson.	21
Stevenson (William C.)	22
Stevenson & Myers	17
Stevenson, Myers & Stevenson.	17
Stevenson-Myers-Stevenson.	22
Taylor (John)	21
Taylor & Jennings	21
Tisler (G. H.)	21
U. S. Silica Company.	21
Vallet (William).	22
Vazaine (Daniel)	21
Walsh & Woodward	22
Watkins & Love	20
Welch (D.)	22
West Mine	22
Whalen (P.)	22
White (Matthew).	21
Willett (T. E.)	20
Wilmington Coal Mines, Inc., No. 4 Mine	9
Wilson & Son.	22
Woodward (Walsh & Woodward)	22

Funding for this project was supplied by the Illinois Department of Transportation.