

Coal Mines in Illinois
La Salle Quadrangle
La Salle County, Illinois

Herrin Coal & Non-Coal mines

This map accompanies the Coal Mines Directory for the La Salle Quadrangle and the map of mines in the Colchester Coal, La Salle 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

Mine Annotation
(space permitting)

- Company
- Mine Name
- ISGS Index No., Years of Operation

Other Points Depicted
Non-Coal Mines



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

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

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

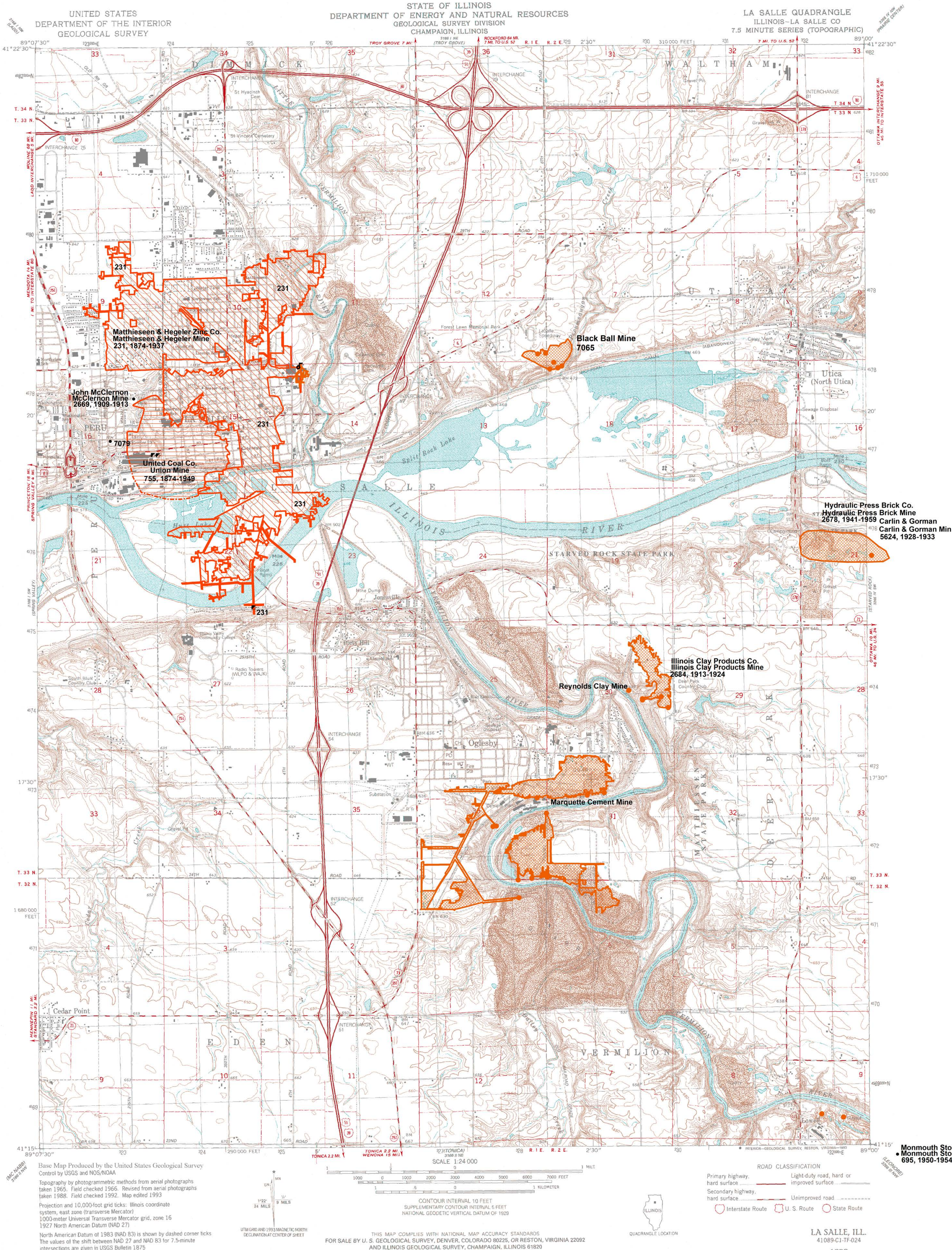
These maps were designed for use at 1:24,000. Enlarging the map may reduce accuracy, as the original scale of the source maps used to compile the outlines shown varies from 1:400 to 1:150,000, and some mine locations are known only from text descriptions. See the accompanying mine directory for the original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

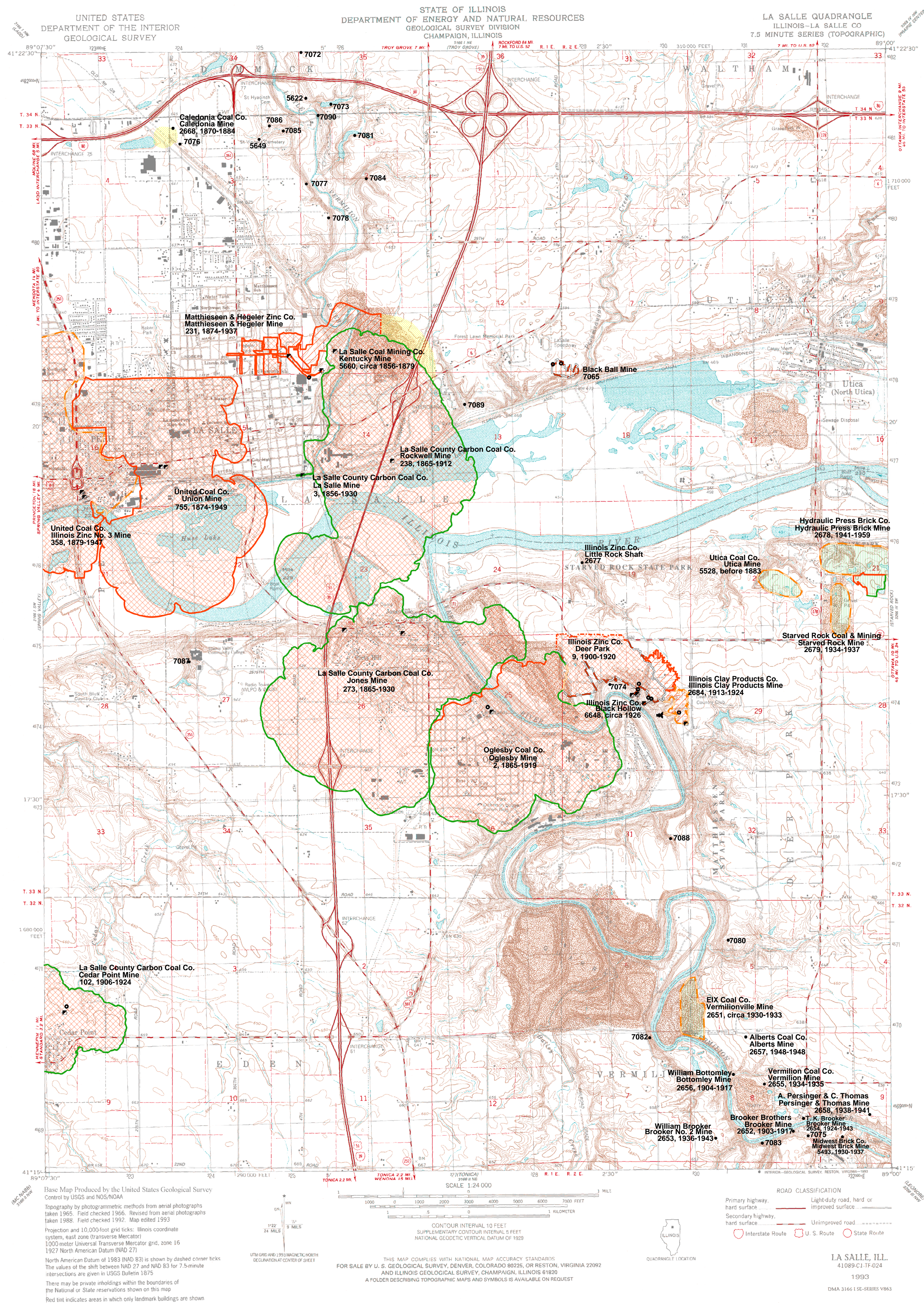
The image of the U.S.G.S. topographic base map was projected from the original UTM to Lambert Conformal Conic.



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Mine Outlines Compiled by
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June 2014, revised August 2017





Coal Mines in Illinois

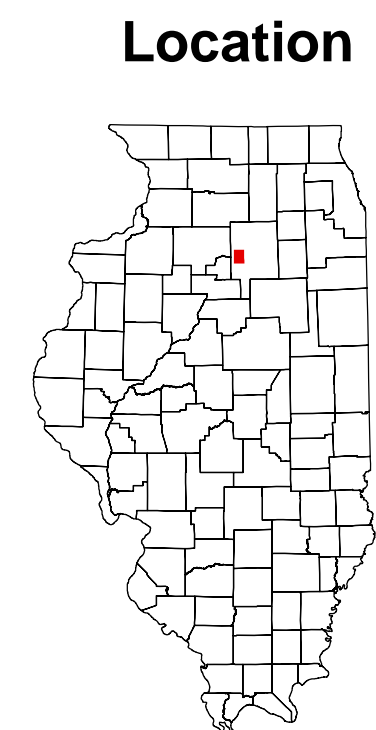
La Salle Quadrangle

La Salle County, Illinois

Colchester Coal

This map accompanies the Coal Mines Directory for the La Salle Quadrangle and map of mines in the Herrin Coal, La Salle Quadrangle. Consult the directory for a complete explanation of the information shown on this map.

- Mining Method**
- Room & Pillar (RP)
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 - Blind Room & Pillar (BRP)
 - Checkerboard Room & Pillar (CRP)
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 - 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



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

Alan R. Myers



Department of Natural Resources
ILLINOIS STATE GEOLOGICAL SURVEY
2007

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

2007

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

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

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

Printed by authority of the State of Illinois/2007

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INTRODUCTION

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

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

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 LA SALLE QUADRANGLE

The earliest known mining in the county was Dixwell Lathrop's mine near the (later abandoned) town of Rockwell, east of La Salle in 1839 (Haeger, 1983). The precise location of the mine is not known (and is not shown on the accompanying map). The mine did not operate long, and was probably quite small, since the town only had 26 inhabitants in 1840, after illness had devastated the community and most of the remaining population fled the area.

The first large commercial coal mine opened in the county was the La Salle Shaft (mine index 3), which hoisted its first coal in June of 1856, quickly followed by the Kentucky Shaft (mine index 5660), which first hoisted coal in October 1856. Mining may have occurred in three seams: the Danville Coal was called the First Vein, the Herrin Coal was called the Second Vein, and the Colchester Coal was called the Third Vein. No maps have been found depicting mining in the First Vein, but mining surely took place in the most accessible coal. The Danville Coal is over 3.5 feet thick under La Salle and between 2.3 and 3.5 feet thick under Peru. Few maps have survived of mining in the Herrin Coal, and more mining probably took place in this seam than is shown on the accompanying maps.

Most of the surviving company maps are of coal mines in the Colchester Coal, which was mined by the longwall method. The Union Mine (mine index 755) operated until 1946 for a total of 75 years and the Illinois Zinc No. 3 Mine (mine index 358) operated until 1949 for a total of 67 years.

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.

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

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DeWolf, F. W. (acting director), 1909, Year-Book for 1909, Illinois State Geological Survey, Bulletin No. 16, 402p.

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.

Haeger, J. D., 1983, The Abandoned Townsite on the Midwestern Frontier: A Case Study of Rockwell, Illinois, *Journal of the Early Republic*, V. 3, No. 2, p. 165-183.

La Salle Centennial Committee, 1952, La Salle, Illinois, An Historical Sketch, 66p.

PART II DIRECTORY OF MINES IN THE LA SALLE QUADRANGLE

MINE SUMMARY SHEETS

A summary sheet on the geology and production history of each mine in the La Salle 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 2

Oglesby Coal Company, Oglesby Mine

Type: Underground Total mined-out acreage shown: 850

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	La Salle	33N 1E	25	NE NE SW
Air shaft	La Salle	33N 1E	25	NE NE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Herrin	270			4.5-6.0	
Colchester	460-464	3.0	4.5	3.33-3.75	LW

Geologic Problems Reported: Some faulting was present. One thrust fault was described, and the coal was overthrust for a 16-foot distance, giving a double coal thickness of 7 feet. The roof was gray shale over most of the mine (about 95%). The gray shale was full of slips. Pyrite was present in elongated nodules and lenses parallel to bedding. The roof was reported to be bad where the roof was black shale, because the black shale was filled with slickensided slip planes that caused it to come down in irregular masses. The black shale roof occurred 0 to 18 feet above the coal, and contained coal balls up to several feet in diameter. Some rolls were noted. The coal contained pyrite bands and some lenticular nodules of pyrite. In the top of the seam, the pyrite was mixed with carbonaceous dirt. The floor was over 10 feet of fire clay that heaved very badly. This underclay was sandy in some places. The clay was mined where it was free of sand.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Kenosha Coal Company *	Oglesby	1865-circa 1870	unknown
Oglesby Coal Company	Oglesby	ca. 1870-1919 **	<u>4,539,689</u> 4,539,689

* T. T. Bent, one of the consortium of owners, introduced longwall mining to this area. This mine was owned by Marquette Cement Company towards the end of its operating period, but continued to report under the old name.

** The 1882 Coal Report indicated 40 acres had been mined. The upper seam was mined from 1865 to 1879, and then not mined until at least 1911. The 40 acres mined may be in one seam or a total for both seams.

Last reported production: January 1919

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352409	1-1919	1:2400	1:4634	Final
Company, 4103.L32 i5.1-10	5-1910	1:2400	1:2400	Not final

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (La Salle County) - Mine type, shaft location, seam, thickness, geologic problems.

Bedford, W. T., *La Salle Tribune 1891-1911* - Ownership, seam, depth thickness, years of operation.

Microfilm map, document 352409, reel 03139, frames 72 & 73 - Shaft locations, mine outline, mining method.

Company map, ISGS map library, 4103.L32 i5.1-10 - Mine outline (northwestern part).

Mine Index 3

La Salle County Carbon Coal Company, La Salle Mine

Type: Underground Total mined-out acreage shown: 1,274 The boundaries between the La Salle Mine, the Rockwell Mine (mine index 238), and the Kentucky Mine (mine index 5660) could not be distinguished. The area shown includes all three mines.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft *	La Salle	33N 1E	15	NE SE SE

* An escape road was shown on the source map, connecting to the Jones Mine (mine index 273). Text on the source map also indicates the Rockwell Shaft (mine index 238) may have been kept open for escape purposes for the La Salle Mine as well.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	390-420	2.5	4.0	3.5	LW

Geologic Problems Reported: Very little timbering was needed for the gray shale roof. It arched well and the gob packs behind the advancing longwall provided adequate support. Black shale made up the roof locally, and ranged from 1 to 3 feet thick. This black shale came down easily and contained coal balls and limestone concretions. The coal was thinner under the black shale. The roof was poor near slips and rolls. The coal contained pyrite bands and balls as well as sheets of calcite and pyrite along cleavage planes. A persistent band of pyrite balls occurred 21 inches from the top of the seam.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
La Salle Coal Mining Company	La Salle	1856-1883 **	145,556
La Salle County Carbon Coal Company	La Salle	1883-1930	<u>4,634,623</u>
			4,780,179

** The 1882 Coal Report indicated 450 acres had been mined. Production before July 1881 is unknown.

Last reported production: January 1930

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352407	1-3-1930	1:2400	1:4634	Final

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 type, shaft location, seam, depth, thickness, geologic problems.
 Bedford, W. T., *La Salle Tribune 1891-1911* - Ownership, years of operation.
 Microfilm map, document 352407, reel 03139, frames 66-69 - Shaft locations, mine outline, mining method.

Mine Index 9

Illinois Zinc Company, Deer Park Mine or Illinois Zinc No. 1 Mine

Type: Underground Total mined-out acreage shown: 167

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	La Salle	33N 2E	30	SW SW NE *
Slope	La Salle	33N 2E	30	SW SW NE *
Air shaft	La Salle	33N 2E	30	NW SW NE *
Old air shaft	La Salle	33N 2E	30	NW SW NE *

* Production was reported for this company in 1900, but these shaft locations were shown on the 1876 Atlas of La Salle County, under the ownership of the M. Reynolds Estate.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	224	2.0	4.17	3.0-3.5	LW

Geologic Problems Reported: Some faults were present and the roof contained many slips. Roof conditions were generally bad. The mine was situated on the La Salle Anticline, and the extreme dip of the coal on the flanks of the anticline resulted in broken roof shale and hard, brittle coal. The gray shale roof contained numerous small pyrite nodules. The coal contained layers of pyrite lenses 8 inches and 16 inches from the floor. The long axis of the lenses was parallel to bedding. Some limestone boulders were reported in the coal seam in NE 30-T33N-R2E. These boulders ranged from 1 x 4 x 5 feet to 3 x 6 x 12 feet. The underclay floor was 12 to 15 feet thick and heaved badly. Sometimes the heaving completely closed an entry. The clay swelled at night whether the mine was wet or dry, and the road had to be graded each morning to allow loads to pass.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Illinois Zinc Company	Deer Park, Illinois Zinc No. 1	1900-1920	<u>1,176,131</u> 1,176,131

Last reported production: December 1920

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352412	Undated	1:1200	1:2482	Undated
Microfilm, document 352409	1-1919	1:2400	1:4634	Secondary source

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 type, slope location, seam, depth, thickness, geologic problems.

Microfilm map, document 352412, reel 03139, frames 80 & 81 - Slope & shaft locations, mine outline, mining method.

Microfilm map, document 352409, reel 03139, frames 72 & 73, map of Oglesby Mine (mine index 2) - Mine outline (western extent).

Coal Mining Investigations, Bulletin 10 - Geologic problems.

Mine Index 102**La Salle County Carbon Coal Company, Cedar Point Mine or La Salle County No. 5 Mine**

Type: Underground Total mined-out acreage shown: 361

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft (12x16 ft)	La Salle	32N 1E	4	NE SW SW
Air shaft	La Salle	32N 1E	4	NE SW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	544-550	3.33	3.8	3.5	LW

Geologic Problems Reported: The roof of the Colchester Coal was about 18 feet of soapstone separated from the coal by 1 to 2 inches of dark bony shale. The seam had local dips or swales with over 5 feet of relief that made haulage difficult. The Colchester Coal also had lenses, balls and facings of pyrite, as well as calcite and gypsum fracture fillings.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
La Salle County Carbon Coal Company	Cedar Point, La Salle County No. 5	1906-1924	2,246,731 2,246,731

Last reported production: April 1924

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352411	3-1924	1:2400	1:4137	Final

Annotated Bibliography (data source, brief description of information)

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

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, shaft location, seam, depth, thickness, geologic problems.

Microfilm map, document 352411, reel 03139, frames 78 & 79 - Shaft locations, mine outline, mining method.

Mine Index 231

Matthiessen & Hegeler Zinc Company, Matthiessen & Hegeler Mine

Type: Underground Total mined-out acreage shown: 46 in the Herrin Coal, 1,139 in the Colchester Coal Production indicates approximately 20 acres were mined after the map date. Mining may have taken place in the Danville Coal as well.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft (Herrin)	La Salle	33N 1E	14	NW NW NW
Air shaft (Herrin)	La Salle	33N 1E	14	NW NW NW
Shaft	La Salle	33N 1E	22	SE SW SE
Slope (Colchester)	La Salle	33N 1E	11	SE SW SW
Shaft (Colchester)	La Salle	33N 1E	10	NE SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Herrin	310			2.75-5.0	MRP
Colchester	480			3.5	LW, RPP

Geologic Problems Reported: One fault was observed. The roof was 0 to 8 feet of black shale overlain by gray shale and sandstone. The roof was bad in some parts of the mine. Some rolls could be traced for more than a half mile and were more than 70 feet wide. Numerous horsebacks and clay veins occurred in the Herrin Coal. In the northwestern part of the mine, considerable difficulty was encountered with the great prevalence of irregularities in the nature of the horsebacks. In the western part of the mine, the inserted material of the horsebacks was composed of micaceous sandstone instead of clay. In one case, sandstone appeared to be forced in between laminae of coal so that alternate bands of sandstone and coal made up the bulk of the seam. There was no connection between the occurrence of sandstone roof and the sand insertions in the seam or horsebacks. Some pyrite was present in the coal, in balls and lenticular bands. Some areas had thin lenses and masses of sandy clay. The Herrin Coal underclay was used for condensers and for mortar. It was too plastic for many other uses. The roof of the Colchester Coal was generally a gray shale, but sometimes black shale with large coal balls made the roof. This coal had a great deal of pyrite, generally near the center of the seam, mostly in broad flat lenses (4 inches thick and 4 feet long, for instance).

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Matthiessen & Hegeler Zinc Company	Matthiessen & Hegeler	1874-1936 *	5,829,618
Matthiessen & Hegeler Zinc Company	Matthiessen & Hegeler	1936-1937	59,254 **
			5,888,872

* Production before July 1881 is unknown. The 1882 Coal Report indicated 63 acres had been mined. The mine was idle in 1901.

** Production after map date

Last reported production: 1937

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 4103.L32 i5.1-4	6-13-1936	1:2400	1:2400	Not final
Company, 4103.L32 i5.1-5	3-30-1936	1:2400	1:2400	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.

Mine notes (La Salle County) - Mine type, shaft location, seam, depth, thickness, mining method, geologic problems.

ISGS field notes (La Salle County), H. B. Willman, 10-21-1931 - Mine location, seams, thickness, mining method, geologic problems.

La Salle Centennial Committee, 1952, *La Salle, Illinois, An Historical Sketch* - Years of operation.

Company map, ISGS map library, 4103.L32 i5.1-4, Herrin Coal - Shaft locations, mine outline, mining method.

Company map, ISGS map library, 4103.L32 i5.1-5, Colchester Coal - Shaft locations, mine outline, mining method.

Mine Index 238

La Salle County Carbon Coal Company, Rockwell Mine

Type: Underground Total mined-out acreage shown: 1,274 The boundary between the Rockwell Mine, La Salle Mine (mine index 3), and Kentucky Mine (mine index 5660) could not be distinguished. The area shown on the accompanying map includes all three mines.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft *	La Salle	33N 1E	14	SE NW SE

* An escape road was shown on the source map, connecting to the Jones Mine (mine index 273). Text on the source map also indicates the Rockwell Shaft may have been kept open for escape purposes for the La Salle Mine (mine index 3) as well.

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	540-544	3.0	5.0	3.42	LW

Geologic Problems Reported: The soapstone roof was hard to hold, because it had many slips and breaks. There were some rolls. Pyrite was present in streaks and balls. The mine was very wet.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Northern Illinois Coal & Iron Company	Carbon	1865-1880 **	unknown **
La Salle County Carbon Coal Company	La Salle County No. 2	1880-1886 **	204,848 **
La Salle County Carbon Coal Company	Rockwell	1886-1912	<u>2,063,697</u> ***
			2,268,545

** Production before July 1881 is unknown. The Carbon Shaft is shown on the 1876 atlas and listed in the 1879 La Salle City Directory. The precise date of the name and ownership change is uncertain, but is known to be sometime between the 1879 city directory and the 1882 Coal Report. According to W. T. Bedford in the *Twentieth Anniversary Souvenir Edition; The La Salle Tribune 1891-1911*, the Rockwell Shaft and the Kentucky Shaft (mine index 5660) were merged in 1867.

*** Idle 1890

Last reported production: 1912

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352407	1-3-1930	1:2400	1:4634	Final

Annotated Bibliography (data source, brief description of information)

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

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

Mine notes (La Salle County) - Mine type, shaft location, seam, thickness, geologic problems.

Bedford, W. T., 1911, *La Salle Tribune 1891-1911* - Years of operation.

Microfilm map, document 352407, reel 03139, frames 66-69 - Shaft location, mine outline, mining method.

Mine Index 273**La Salle County Carbon Coal Company, Jones Mine or La Salle County No. 1 Mine**

Type: Underground Total mined-out acreage shown: 1,241

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
No. 1 shaft	La Salle	33N 1E	23	SW SE SE
No. 2 shaft	La Salle	33N 1E	23	SW SE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	400-440	3.0	3.5	3.33	LW

Geologic Problems Reported: At least one fault was noted, with the upthrown side to the west. Most of the roof was black shale. Although this shale was hard, it came down readily, partially because slips were common. The coal was the thinnest where the roof was black shale. Numerous coal balls up to 6 inches in diameter were present in the black shale roof. The roof was gray shale over sags in the seam and at the top of the swells. Occasional rolls were present, cutting out the coal to within 12 inches of the floor. Pyrite was rather abundant in the coal, but the distribution was very irregular. There were two horizons where pyrite and dull coal lamina thickened to a lense of hard clay and pyrite that was only separated from the coal with difficulty. The floor was composed of a sandy, gritty, hard fire clay. This fire clay broke more readily in a vertical plane than a horizontal plane so that vertical plates of clay 8 inches high were readily removed, making undercutting less difficult than the clay hardness implicated.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Illinois Valley Coal Company	Illinois Valley	1865-1893 *	1,167,609
La Salle County Carbon Coal Company	Jones, La Salle No. 1	1893-1930	<u>5,326,087</u>
			6,493,696

* The 1883 Coal Report indicated 40 acres had been mined. Production, ownership and years of operation before July 1881 are unknown.

Last reported production: January 1930

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352410	1-31-1930	1:2400	1:4468	Final

Annotated Bibliography (data source, brief description of information)

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

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, shaft location, seam, thickness, mining method, geologic problems.

Bedford, W. T., 1911, *La Salle Tribune 1891-1911* - Years of operation.

Microfilm map, document 352410, reel 03139, frames 74-77 - Shaft locations, mine outline, mining method.

Mine Index 358
United Coal Company, Illinois Zinc No. 3 Mine

Type: Underground Total mined-out acreage shown: 948

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	La Salle	33N 1E	16	SW SE SW
Escape shaft	La Salle	33N 1E	16	SW SE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	330-360	3.0	4.0	3.5	LW

Geologic Problems Reported: The roof varied from soapstone to black shale. The black shale contained coal balls. The coal contained pyrite so that very few places in the mine were without some pyrite in the seam.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
James Cahill	Cahill	1879-1896	1,069,477 *
James Cahill Estate	Cahill	1896-1908	876,557
Cahill Coal Company	Cahill	1908-1914	301,419
Illinois Zinc Company	Illinois Zinc No. 3	1914-1937	1,468,287
Peru Deep Vein Coal Company	Illinois Zinc No. 3	1938-1946	427,506
United Coal Company	Illinois Zinc No. 3	1946-1947	24,907
			<u>4,168,153</u>

* Production before July 1881 is unknown.

Last reported production: February 1947

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352408	3-30-1945	1:2400	1:4634	Not final **
Microfilm, document 352438	5-20-1930	1:2400	1:4634	Secondary source
ISGS mined-out area map	2006	1:100000	1:100000	Secondary source

** The map is not final and incomplete. The earliest survey date shown on this source map is 8-1935 and a small area is labeled "stopped 1934". Most of this mine's area is not included on the company source map.

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, depth.
 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, shaft location, seam, thickness, geologic problems.
 Bedford, W. T., 1911, *La Salle Tribune*, 1891-1911 - Years of operation.
 Microfilm map, document 352408, reel 03139, frames 70 & 71 - Shaft locations, mine outline, mining method.
 Microfilm map, document 352438, reel 03139, frames 113 & 114, map of Union Mine (mine index 755) - Mine outline (eastern side).
 ISGS mined-out area map, La Salle County - Mine outline (northern and western parts).

Mine Index 755
United Coal Company, Union Mine

Type: Underground Total mined-out acreage shown: 286 in Herrin Coal, 1,169 in Colchester Coal
 Production indicates approximately 75 acres were mined after the map date.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	La Salle	33N 1E	16	SE NE SE
Air shaft	La Salle	33N 1E	16	SE NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Herrin	276			5.0	RP
Colchester	375-400			3.18-3.5	LW

Geologic Problems Reported: The 1896 Coal Report listed a fatality caused by a slip that ran parallel to the coal face and up into the roof strata so that the roof was unstable. The prevalence of slips is not known.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Union Coal Company	Union, Kilgovern	1874-1893 *	1,194,205
La Salle County Carbon Coal Company	Union	1893-1929	4,021,221
Union Coal Company	Union	1930-1942	1,614,274
Union Coal Company	Union	1942-1945	270,484 **
United Coal Company	Union	1946-1949	124,884 **
			<u>7,225,068</u>

* The 1882 Coal Report indicated 85 acres had been mined. The production before July 1881 is unknown. The primary investor at the time the mine opened and until the mine was bought by La Salle County Carbon Coal Company was Nicholas Duncan, although the company name may have differed from Union Coal Company.

** Production after map date

Last reported production: 1949

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352438	5-20-1930	1:2400	1:4634	Not final
Company, 4103.L32 i5.1-2	4-1942	1:2400	1:2400	Not final

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation, depth, thickness, mining method, geologic problems.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Mine type, shaft location, seam.
 Bedford, W. T., 1911, *The La Salle Tribune, 1891-1911* - Ownership, years of operation.
 Microfilm map, document 352438, reel 03139, frames 113, 114 - Mine outline, mining method (Herrin & Colchester Coals).
 Company map, ISGS map library, 4103.L32 i5.1-2 - Shaft locations, mine outline (southern part, Colchester Coal).

Mine Index 2651
EIX Coal Company, Vermilionville Mine

Type: Surface Total mined-out acreage shown: 42

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	La Salle	32N 2E	5	W ½ SW

GEOLOGY

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

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
EIX Coal Company	Vermilionville	circa 1930-1933 *	

* The mine notes indicated the source for the mine location was the Federal Land Bank Report for La Salle County. The mine probably operated 1930-1933, when mines producing less than 1,000 tons per year were not listed in the Coal Reports.

Last reported production:

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)

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

Mine Index 2652
Brooker Brothers, Brooker Mine

Type: Underground Total mined-out acreage shown: None; production indicates approximately 5 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main drift	La Salle	32N 2E	8	NW SE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	40-60			2.55-3.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Brooker Brothers	Brooker	1903-1904	340
Fred Brooker	Brooker	1904-1906	1,395
Brooker Brothers	Brooker	1906-1914	10,274
Smith Brothers	Smith	1914-1916	976
Brooker Brothers	Brooker	1916-1917	145
			13,130

Last reported production: 1917

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, seam, depth, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Drift location.

Mine Index 2653**William Brooker, Brooker No. 2 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
Main drift	La Salle	32N 2E	8	NE SW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	85			3.33	Underground, probably RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
William Brooker	Brooker No. 2	1936-1937	168
Brooker Brothers	Brooker No. 2	1937-1939	1,363
William Brooker	Brooker No. 2	1940-1943	<u>1,481</u>
			3,012

Last reported production: 1943

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.

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

Mine Index 2654**T. K. Brooker, Brooker 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	32N 2E	8	SE NE 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)
River View Coal Company	River View	1924-1925	800
Charles J. Brooker	Brooker	1925-1937 *	2,190
Idle		1938-1939	
T. K. Brooker	Brooker	1940-1943	<u>134</u>
			3,124

* Production was not reported from 1930 to 1933 for mines producing less than 1,000 tons per year.

Last reported production: 1943

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, mine type.

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

Mine notes (La Salle County) - Mine location.

Mine Index 2655**Vermilion Coal Company, Vermilion 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	32N 2E	8	SW SW NE

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)
Vermilion Coal Company	Vermilion	1934-1935	389
			389

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, mine type.

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

Mine notes (La Salle County) - Mine location.

Mine Index 2656
William Bottomley, Bottomley Mine

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

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main drift	La Salle	32N 2E	8	NW SE NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	50-70			3.0-5.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
William Bottomley	Bottomley	1904-1917	<u>8,865</u> 8,865

Last reported production: 1917

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS field notes (G. H. Cady)	9-20-1911	(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, depth, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Drift location.
 ISGS field notes (La Salle County) - Mine location.

Mine Index 2657**Alberts Coal Company, Alberts 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	32N 2E	8	NE NE NW

GEOLOGY

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

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Alberts Coal Company	Alberts	1948-1948	<u>50</u> 50

Last reported production: February 1948

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.

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

Mine Index 2658**A. Persinger & C. Thomas, Persinger & Thomas 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	32N 2E	9	NE SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	10-25			2.0-3.0	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Lowell	Lowell	1938-1940	385
A. Persinger & C. Thomas	Persinger & Thomas	1941-1941	<u>28</u> 413

Last reported production: 1941

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, mining method.

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

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

Mine Index 2668**Caledonia Coal Company, Caledonia Mine**

Type: Underground Total mined-out acreage shown: None; the reported production indicates approximately 8 to 15 acres were mined (depending on whether the mine was longwall or room-and-pillar).

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

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

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	535-565			3.5	

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
John Shea & John P. Duncan	Caledonia	1870-1881	Unknown *
Mitchell & Duncan	Mitchell & Duncan	1881-1883	38,670
Caledonia Coal Company	Caledonia	1883-1884	8,000
La Salle County Carbon Coal Company	Caledonia	1884-1884	<u>none</u> *
			46,670

* According to W. T. Bedford in *The La Salle Tribune*, 1891-1911, the mine opened in 1870, but production before July 1881 is unknown and the date of transfer of ownership to Mitchell & Duncan is unknown. This source also indicates the mine was bought and dismantled by La Salle County Carbon Coal Company. The 1882 Coal Report indicated that 2 acres were mined, and the 1883 Coal Report listed 8 acres mined. The mine may have operated in higher seams before 1880 and the Coal Report listed only the acreage of the lower coal mined. No maps survive of this mine, and the shaft location was not shown on the 1876 Atlas of La Salle County. Mine index 7076 (see the back of this report under "Other Mines Shown on the La Salle Quadrangle") was shown on the 1876 Atlas and operated nearby, and may be related to the Caledonia Mine.

Last reported production: 1884

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS field notes (G. H. Cady)	7-13-1911	(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, depth, thickness.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Shaft location.
 Bedford, W. T., 1911, *The La Salle Tribune*, 1891-1911 - Years of operation, ownership.
 ISGS field notes (La Salle County) - Mine location, mine name.

Mine Index 2669
John McClernon, McClernon Mine

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

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main drift	La Salle	33N 1E	16	NE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Herrin	15-60			4.0	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
McClernon & Hughes	McClernon & Hughes	1909-1911	690
McClernon & Wear	McClernon & Wear	1911-1912	250
John McClernon	McClernon	1912-1913	200
			1,140

Last reported production: 1913

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, depth, thickness, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Drift location.

Mine Index 2677**Illinois Zinc Company, Little Rock Mine**

Type: Underground Total mined-out acreage shown: None

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	La Salle	33N 2E	19	SE SW NW

GEOLOGY

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

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Illinois Zinc Company	Little Rock	Unknown *	Unknown *

* Years of operation, production and ownership are uncertain.

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4107 d5-37, sheet 6	Circa 1911	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.

Mine notes (La Salle County) - Shaft location.

ISGS map library, 4107 d5-37, sheet 6, work map of G. H. Cady field notes - Shaft location, mine name.

Mine Index 2678**Hydraulic Press Brick Company, Hydraulic Press Brick Mine**

Type: Surface Total mined-out acreage shown: 17 Production indicates approximately 5 acres were mined. The map may represent the area mined for clay as well as coal.

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	La Salle	33N 2E	21	S ½ NW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	10-14			2.5	Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Starved Rock Clay Company	Starved Rock	1941-1947 *	481
Arthur Mart	Mart	1948-1948	931
Higgins Coal Company	Higgins	1948-1949	480
Arthur Mart Clay & Coal Company	Mart	1949-1958	12,974
Streator Brick Company	Streator	1958-1958	23
Hydraulic Press Brick Company	Hydraulic Press Brick	1959-1959	<u>6,756</u>
			21,645

* Idle 1943-1947

Last reported production: 1959

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, document 350389	3-28-1977	1:1200	Unknown	Final
Company, 4103.L32 i5.3-1	2-24-1969	1:1200	1:1200	Not final
Coal Section files, 6-85e	Undated	1:62500	1:62500	Secondary source

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.

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

Microfilm map, document 350389, reel 03132, frame 160 - Mine outline, mining method.

Company map, ISGS map library, 4103.L32 i5.3-1 - Mine outline (northern part).

Coal Section files, Colchester Coal Overburden map, 6-85e - Mine outline (northern part).

Mine Index 2679**Starved Rock Coal & Mining Company, Starved Rock Mine**

Type: Surface Total mined-out acreage shown: 31 Production indicates approximately 8 acres were mined.

SHAFT, SLOPE, DRIFT or TIPPLe LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Pit	La Salle	33N 2E	21	SW NW SW

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	10-20				Surface

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Starved Rock Coal & Mining Company	Starved Rock	1934-1937	<u>38,526</u> 38,526

Last reported production: 1937

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Coal Section files, 6-85e	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, depth.

Coal Section files, Colchester Coal Overburden map, 6-85e - Mine outline, mining method.

Mine Index 2684**Illinois Clay Products Company, Illinois Clay Products Mine**

Type: Underground Total mined-out acreage shown: 41 Production indicates approximately 5 acres were mined, and approximately 1 acre was mined after the map date. The outline may represent the clay mine boundary. The coal may have been poor quality and not sold, or left up to support the roof of the clay mine.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main drift	La Salle	33N 2E	30	NW NE SE
Drift	La Salle	33N 2E	30	NW NE SE
Shaft	La Salle	33N 2E	30	SE NE SE
Air shaft	La Salle	33N 2E	30	NE NE SE

GEOLOGY

Seam(s) Mined	Depth (ft)	Thickness (ft)			Mining Method
		Min	Max	Avg	
Colchester	60			3.5	RP

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Illinois Clay Products Company	Illinois Clay Products	1913-1922 *	11,602
O. L. Jones	Jones	1922-1923	1,025 **
Illinois Clay Products Company	Illinois Clay Products	1923-1924	<u>2,352</u> **
			14,979

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

** Production after map date

Last reported production: 1924

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352421	8-1-1921	1:2000	1:1903	Not final
Microfilm, document 352412	Undated	1:1200	1:2482	Undated

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.

Mine notes (La Salle County) - Drift location.

Microfilm map, document 351421, reel 03139, frame 94 - Mine outline, mining method.

Microfilm map, document 352412, reel 03139, frames 80 & 81, map of Deer Park Mine (mine index 9) - Mine outline, drift and shaft locations, mining method.

Mine Index 5493**Midwest Brick Company, Midwest Brick 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	32N 2E	9	NE SW SW

GEOLOGY

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

Geologic Problems Reported: This clay and coal pit used only the clay under their coal. The clay was in two benches separated by a sandy calcareous hard horizon, making 12 to 15 feet of clay.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Midwest Brick Company	Midwest Brick	1930-1937 *	<u>4,412</u> 4,412

* Idle 1934. According to the field notes, the mine was operating in 1930, when mines producing less than 1,000 tons per year were not reported. Production was also not reported for 1931 and 1933, presumably because less than 1,000 tons per year were mined.

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, mining method.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Mine location.
 ISGS field notes (La Salle County), H. B. Willman, 7-3-1930 - Years of operation, geologic problems.

Mine Index 5528
Utica Coal Company, Utica Mine

Type: Surface Total mined-out acreage shown: 30

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Mine	La Salle	33N 2E	20	NW SE

GEOLOGY

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

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Utica Coal Company	Utica	before 1883	

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Coal Section files, 6-85e	Undated	1:62500	1:62500	Secondary source

Annotated Bibliography (data source, brief description of information)

Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Mine type, mine location.
 Coal Section files, Colchester Coal Overburden map, 6-85e - Mine outline, mining method.

Mine Index 5660**La Salle Coal Mining Company, Kentucky Mine**

Type: Underground Total mined-out acreage shown: 1,274 The area shown includes the La Salle Mine (mine index 3), the Rockwell Mine (mine index 238) and the Kentucky Mine. According to W. T. Bedford in the *Twentieth Anniversary Souvenir Edition; The La Salle Tribune 1891-1922*, the Rockwell Shaft and the Kentucky Shaft were merged in 1867.

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main shaft	La Salle	33N 1E	11	NW SE SW

GEOLOGY

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

Geologic Problems Reported:

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
James Cowey	Kentucky	1856-ca. 1860	unknown *
Northern Illinois Coal & Iron Company	Kentucky	ca. 1860-1868	unknown *
La Salle Coal Mining Company	Kentucky	1868-1879	unknown *

* All production from this mine was before the publication of the Coal Reports and is unknown. The reserves of this mine were incorporated with the Rockwell Mine (mine index 238).

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
ISGS map library, 4103.L32 i5.1-5	3-30-1936	1:2400	1:2400	Secondary source

Annotated Bibliography (data source, brief description of information)

Coal Reports - Production, ownership, years of operation.
 Directory of Illinois Coal Mines (La Salle County) - Mine names, mine index, ownership, years of operation.
 Mine notes (La Salle County) - Years of operation, mine location.
 Bedford, W. T., *La Salle Tribune 1891-1911* - Ownership, years of operation.
 ISGS map library, 4103.L32 i5.1-5, map of Matthiessen & Hegeler Mine (mine index 231) - Shaft location.

Mine Index 6648
Illinois Zinc Company, Black Hollow Mine

Type: Underground Total mined-out acreage shown: None (see Deer Park Mine, mine index 9)

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Main slope	La Salle	33N 2E	31	SE SW NE
Air shaft	La Salle	33N 2E	30	SE SW NE *
Old air shaft	La Salle	33N 2E	30	SE SW NE *

* Coal production for this mine and the Deer Park Mine (mine index 9) was reported beginning 1900, but these shaft locations were shown on the 1876 Atlas of La Salle County under the ownership of the M. Reynolds Estate. They are labeled "Coal Banks", and were not only clay mines.

GEOLOGY

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

Geologic Problems Reported: The mine was situated on the La Salle Anticline, which resulted in extreme dips of the coal and roof. The roof shale was heavily fractured and difficult to control. The coal on the flank of the fold was hard, brittle, and shattered.

PRODUCTION HISTORY

Company	Mine Name	Years	Production (tons)
Illinois Zinc Company	Black Hollow **	circa 1926	Unknown ***

** This mine may be Illinois Zinc No. 2, since the location of Illinois Zinc No. 1 and No. 3 are known.

*** Production was probably reported under Deer Park Mine (also known as Illinois Zinc No. 1 Mine, mine index 9). The mine notes indicate these two mines merged, and the source map shows that separate boundaries between the two mines can not be discerned.

Last reported production:

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352412	Undated	1:1200	1:2482	Undated

Annotated Bibliography (data source, brief description of information)

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

Mine notes (La Salle County) - Mine location, mine name.

Microfilm map, document 352412, reel 03139, frames 80 & 81 - Slope & shaft locations, mine outline, mining method.

OTHER MINES SHOWN ON THE LA SALLE QUADRANGLE

Mine Index 5622 SW SW SW 35-T34N-R1E source: ISGS field notes (G. H. Cady, 8-11-1910)
Mine Index 5649 SE NW NE 3-T33N-R1E source: ISGS mine database
Mine Index 7072 NW NW SW 35-T34N-R1E source: ISGS field notes (G. H. Cady, 1910)
Mine Index 7073 SE SW SW 35-T34N-R1E source: ISGS field notes (W. Parham & D. Weill, 1958)
Mine Index 7074 NW SE NW 30-T33N-R2E, shaft source: Microfilm, document 352412, map of Deer Park
Mine (mine index 9), labeled "old shaft said to be 30 feet deep"
Mine Index 7075 N ½ SE SE 8-T32N-R2E source: 1876 Atlas of La Salle County
Mine Index 7076 SW NW NW 3-T33N-R1E, shaft source: 1876 Atlas of La Salle County
Mine Index 7077 NW NW SW 2-T33N-R1E source: 1876 Atlas of La Salle County
Mine Index 7078 NE SW SW 2-T33N-R1E source: 1876 Atlas of La Salle County
Mine Index 7079 * NW NW SE 16-T33N-R1E source: 1876 Atlas of La Salle County
Mine Index 7080 NW SE NW 5-T32N-R2E, Colchester, surface source: ISGS field notes (Parham & Weill, 1958)
Mine Index 7081 SE NE SW 2-T33N-R1E, surface source: ISGS field notes (W. Parham & D. Weill, 1958)
Mine Index 7082 NE NW NE 7-T32N-R2E source: ISGS field notes (G. H. Cady, 5-25-1912)
Mine Index 7083 NW SW SE 8-T32N-R2E, drift source: ISGS field notes (H. B. Willman, 4-12-1936)
Mine Index 7084 Center 2-T32N-R1E, drift source: ISGS field notes (W. Parham & D. Weill, 1958)
Mine Index 7085 NE NE 3-T33N-R1E source: ISGS field notes (G. H. Cady, 8-10-1910)
Mine Index 7086 NW NE NE 3-T33N-R1E, shaft source: ISGS field notes (G. H. Cady, 8-11-1910)
Mine Index 7087 SE NW NW 27-T33N-R1E, drift source: ISGS field notes (H. B. Willman, 7-16-1930)
Mine Index 7088 NW NE SE 31-T33N-R2E, drift source: ISGS field notes (H. B. Willman, 1930)
Mine Index 7089 NW 13-T33N-R1E, slopes on both sides of the ravine source: ISGS field notes (G. H. Cady, 9-3-1910)
Mine Index 7090 NE NW NW 2-T33N-R1E, several old drifts source: ISGS field notes (G. H. Cady, 8-11-1910 & H. B. Willman, 7-11-1930)

* Mine Index 7079 may be an auxiliary shaft for the Union Mine (mine index 755), but was not included on any of the Union Mine's source maps. The shaft was labeled "coal bank" on the 1876 atlas page for Peru, and the shaft symbol was also shown on the 1892 Atlas of La Salle County. The mine symbol is shown on the Herrin Coal page of our accompanying maps, but the shaft may go down to the Colchester Coal.

NON-COAL MINES IN THE LA SALLE QUADRANGLE

M. Reynolds, Clay Mine

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Slope	La Salle	33N 2E	30	SW SW NE

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352412	Undated	1:1200	1:2482	Secondary source

Annotated Bibliography (data source, brief description of information)

Microfilm map, document 352412, reel 03139, frames 80 & 81, map of Deer Park Mine (mine index 9) - Slope location.

Illinois Clay Products Company, Clay Mine

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Drift	La Salle	33N 2E	30	NW NE SE

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Microfilm, document 352421	8-1-1921	1:2000	1:1903	Secondary source
Microfilm, document 352412	Undated	1:1200	1:2482	Undated

Annotated Bibliography (data source, brief description of information)

Microfilm, document 352421, reel 03139, frame 94 - Mine outline, mining method.

Microfilm, document 352412, reel 03139, frames 80 & 81, map of Deer Park Mine (mine index 9) - Drift & shaft locations, mine outline, mining method.

Marquette Cement Company, Limestone Mine

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Shafts & drifts	La Salle	33N 2E	31	SW

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, 9-74	Undated	1:2400	1:2400	Undated

Annotated Bibliography (data source, brief description of information)

Company map, Coal Section files, 9-74 - Mine outline, mining method.

Hydraulic Press Brick Company, Clay Mine

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Surface	La Salle	33N 2E	21	N ½ *

* This pit may also have been the clay pit for Carlin & Gorman (coal mine index 5624), who also mined more clay than coal.

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, document 350389	3-28-1977	1:1200	Unknown	Final

Annotated Bibliography (data source, brief description of information)

Microfilm map, document 350389, reel 03132, frame 160 - Mine outline, mining method.

Matthiessen & Hegeler Zinc Company, Clay Mine

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Shaft	La Salle	33N 1E	14	NW NW NW *
Man shaft	La Salle	33N 1E	14	NW NW NW
Air shaft	La Salle	33N 1E	14	NW NW NW

* The same shaft was used for the clay mine and the coal mine in the Herrin Coal.

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Company, document 352405	8-5-1960	1:720	1:1191	Final

Annotated Bibliography (data source, brief description of information)

Microfilm map, document 352405, reel 03139, frame 61 - Mine outline, mining method.

Black Ball Mine, Clay Mine

SHAFT, SLOPE, DRIFT or TIPPLE LOCATIONS

Type	County	Township-Range	Section	Quarters-Footage
Drift	La Salle	33N 2E	18	NW NW NW *
Drift	La Salle	33N 2E	18	NW NW NW
Drift	La Salle	33N 2E	18	NE NW NW
Air shaft	La Salle	33N 2E	18	NW NW NW
Air shaft	La Salle	33N 1E	12	SE SE SE
Air shaft	La Salle	33N 1E	12	SE SE SE

SOURCES OF DATA

Source Map	Date	Original Scale	Digitized Scale	Map Type
Coal Section files, 6-280	Undated	1:360	1:360	Undated

Annotated Bibliography (data source, brief description of information)

Coal Section files, 6-280, map of Black Ball Mine, courtesy of Prof. Harlan Walley, Dept. of Biology, Northern Illinois University, Dekalb, Illinois - Drift & shaft locations, mine outline, mining method (RP).

Clay mine NW NW SW 9-T32N-R2E source: ISGS Bulletin 37, Plate II (1919)

Clay mine NW SE SW 9-T32N-R2E source: ISGS Bulletin 37, Plate II (1919)

MINES WHOSE LOCATIONS ARE NOT KNOWN, LA SALLE 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 La Salle 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 107,641 (100,229 underground, 150 surface mined and 7,262 mined by unknown method), which would represent approximately 20 to 45 acres, depending on the recovery factor, mining method, and numerous other factors. (Note: 1 square mile = 640 acres)

Blank (Joe), 1916-1917	not reported	mine index 5720
Lucas (James), 1916-1917	not reported	mine index 5721

CEDAR POINT

Point Rock Coal Company, 1933-1934, underground	2,600 tons
Falls (Bailey) Coal Company, 1934-1935, underground	897 tons

DEER PARK 32n-2e section 1

Cain (James), 1889-1890	600 tons	mine index 5696
Cain (Charles), 1896-1898, drift, Colchester, 175, 3.5, RP	3,240 tons	mine index 5696
Dawson (J. C.) & Company, Deer Park Mine, 1898-1907	17,336 tons	mine index 5701
Dawson (William), 1907-1908, slope, Danville, 100-125, 4.0, RP	<u>5,456 tons</u>	
	22,792 tons	

LA SALLE

Block (Frank), 1934-1936, underground	389 tons	mine index 5652
Illinois Valley Coal Company, No. 2 Mine, 1883-1886 shaft, Colchester, 420-450, 3.5, LW	29,550 tons	
Monmouth Stone Company, No. 1 Mine, 1949-1950, surface	12,553 tons	
Buffington (George) Coal Company, 1939-1939, underground	45 tons	
Latchford Brothers, 1934-1935, underground	275 tons	
Pohar (John), 1934-1934, underground	100 tons	
Shaws Hill Mine, 1934-1934, underground	25 tons	
Grygiel (William), 1935-1935, underground	10 tons	
Samolinski (John), 1936-1936, underground	30 tons	

LOWELL 32n-2e-9 sw sw

Clark (James), 1883-1890, slope, Colchester, 10, 3.0, RP	5,010 tons	mine index 5736
Holdridge (W.), 1882-1883, shaft, Colchester, 45-60, 3.0, RP	800 tons	mine index 5737
Holdridge (J.), 1883-1887	<u>2,355 tons</u> 3,155 tons	
Marsden (John), 1882-1883, drift, Colchester, —, 3.0	600 tons	mine index 5738
Haldeman (C. B.) & Company, 1887-1888	1,000 tons	mine index 5739
Morse (L. D.), 1904-1905, shaft, Colchester, 55, 3.0, RP	350 tons	mine index 5740
Lowell Pottery Company, 1905-1908, drift, Colchester, 85, 2.33-4.0, RP	630 tons	mine index 5741
Warwick (Joseph), 1905-1909, slope, Colchester, 40-50, 2.67-3.0, RP	1,860 tons	mine index 5742
Pratt (Jerry), 1906-1910, drift, Colchester, 60, 3.0, RP	1,354 tons	mine index 5743
Kelly & Gudgel, 1907-1909, slope, Colchester, 40-50, 2.5-3.25, RP	425 tons	mine index 5759
Clark (C. J.), 1909-1910	<u>275 tons</u> 700 tons	

TONICA

Roger Clay Company, 1923-1924	432 tons	mine index 5744
Starkey (James), 1934-1935, underground	800 tons	
Ruyon Coal Company, 1934-1934, surface	150 tons	

UTICA

Contorre (David), 1927-1927, underground	200 tons	mine index 5733
Dimick Hill Coal Company, 1928-1928	985 tons	
Contorre (David), 1929-1929	<u>160 tons</u> 1,345 tons	
Corbus (J. R.), 1882-1883, shaft, Colchester, 40, 3.0	300 tons	mine index 5757
Toll (Burgess), 1884-1887, shaft, Colchester, 35, 3.0, RP	3,507 tons	mine index 5758
Clark (C. J.), 1915-1916, drift, Colchester, 90, 2.43, RP	230 tons	mine index 5760
Myslewig (Alex), 1918-1919	270 tons	mine index 5761
Brooker (William), 1920-1922, underground	300 tons	mine index 5762
Brooker Brothers, 1922-1923	1,472 tons	
Brooker (William), No. 1 Mine, 1923-1936	<u>4,155 tons</u> 5,927 tons	
Brooker (Mrs. Fred), 1919-1921	610 tons	mine index 5762
Lehneman (Peter), 1922-1924	2,600 tons	mine index 5763
Gorman (Mike), 1923-1924	250 tons	mine index 5764
Warner (John), 1928-1928, underground	175 tons	mine index 5765

three small mines, 1881-1882 Phelps (Charles), Wilson (Reese), Williams (John)	1,000 tons
Brooker (Fred), 1914-1915, drift, Colchester, -, 3.0, RP	653 tons
Bime (Mike), 1939-1940, underground	24 tons
Daddio (John) & Bime (Mike), 1941-1941	50 tons
	74 tons
Ryan (Dave), 1923-1924	1,200 tons
Payne & Littrell, 1934-1935, underground	258 tons
Swanson & Burgess, 1934-1934, underground	95 tons

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