

Status Report

Total Records: 1

Top 3 County Records	Top 3 Log Type Records	Top 3 Coal Records	Top 3 Member Records
Ford 1	Drillers Log 1	LOWELL 1	LOWELL COAL 1 MECCA QUARRY BLACK SHALE 1

Data Summary

Cross-tabulation of all selected logs, individual logs will vary.
Tabulation of logged intervals only, individual logs will vary.

Depth and Thickness measurements in feet

Member	Lithology	Avg. Depth	Min. Depth	Max. Depth	Avg. Thk	Min. Thk	Max. Thk
LOWELL	COAL	535.0	535.0	535.0	1.0	1.0	1.0
MECCA QUARRY	SHALE	569.0	569.0	569.0	7.0	7.0	7.0
				Net Coal	1.0		

Coal Logs

This report contains non-confidential coal log descriptions from the Coal Section's stratigraphic database in the county listed. Coal logs are sorted by township/range and section. For each log, North American Datum 1983 (NAD83) Longitude/Latitude coordinates in decimal degrees are provided as well as a legal description which uses the Public Land Survey System (PLSS). The following are two examples of coal log locations:

**Example location 1: COUNTY: SALINE TWP/RNG: 7S 5E SECTION: 19 QUARTERS/FOOTAGES: 330'S line, 330'W line of SE NE
LONGITUDE: -88.691911 LATITUDE: 37.900435**

This log is from a borehole located in Saline County, Township 7 South, Range 5 East, 330 feet from the south line and 330 feet from the west line of the southeast quarter of the northeast quarter of section 19.

**Example location 2: COUNTY: SALINE TWP/RNG: 9S 5E SECTION: 36 QUARTERS/FOOTAGES: 530'N, 530'W, SE/c NE NW
LONGITUDE: -88.60834 LATITUDE: 37.700006**

This log is from a borehole located in Saline County, Township 9 South, Range 5 East, 530 feet north and 530 feet west of the southeast corner of the northeast quarter of the northwest quarter of section 36.

Beneath the header is geology information for that data point. The Coal Section stratigraphic database from which this .PDF file is derived is a multi-project database which contains drill hole and outcrop descriptions of Pennsylvanian stratigraphy in Illinois. Consequently, the level of detail and accuracy in the data and their interpretation vary (sometimes widely) with the geologist, project type, or original data source. Multiple descriptions of a particular location may be present. Note that both the coal stratigraphic database and this .PDF listing are only a subset of the total amount of data available from the ISGS Geologic Records Library archives, and reflect only coal-specific data and interpretations of past and present Coal Section geologists. They are not a comprehensive listing of all data that may be available from the ISGS.

MAPID: 05300001000C **VERSION:** 1 **PROJECT:** NCRDS87
COUNTY: FORD **TWP/RNG:** 24N 7E **SECTION:** 19 **QUARTERS/FOOTAGES:** 174' S line, 450' W line of NW SE
QUADRANGLE: SIBLEY **LONGITUDE:** -88.450189 **GEOLOGIST:** WEIBEL
CONFIDENTIAL: N **LATITUDE:** 40.519417 **DATE COLLECTED:** 0 / 0 / 1943
SURFACE ELEVATION (FT.): 840.0 **LOGGED (FT.):** 635.0 **LOG TYPE:** Drillers Log
SOURCE: NELSON,ERP,AND STROH **WELL TYPE:** Producer-Oil and Gas
COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
840.0			UNCONSOLIDATED	254.0	0.0
586.0			UNCLASSIFIED	1.0	254.0
585.0			SANDSTONE	2.0	255.0
583.0			SHALE	27.0	257.0
556.0			SANDSTONE	3.0	284.0
553.0			SHALE	22.0	287.0
531.0			UNCLASSIFIED	3.0	309.0
528.0			SANDSTONE	2.0	312.0
526.0			SHALE	41.0	314.0
485.0			UNCLASSIFIED	5.0	355.0
480.0			GRAY SHALE	13.0	360.0
467.0			UNCLASSIFIED	6.0	373.0
461.0			SHALE	73.0	379.0
388.0			UNCLASSIFIED	3.0	452.0
385.0			GRAY SHALE	25.0	455.0
360.0			UNCLASSIFIED	15.0	480.0
345.0			SHALE	35.0	495.0
310.0			GRAY SHALE	5.0	530.0

305.0	CARBONDALE	LOWELL	COAL	1.0	535.0	UNCERTAIN CORRELATION
304.0			BLACK SHALE	2.0	536.0	
302.0			GRAY SHALE	31.0	538.0	
271.0	CARBONDALE	MECCA QUARRY	BLACK SHALE	7.0	569.0	UNCERTAIN CORRELATION
264.0			DARK SHALE	41.0	576.0	
223.0			GRAY SHALE	18.0	617.0	
205.0			UNCLASSIFIED	5.0	635.0	
