

Status Report

Total Records: 24

Top 3 County Records		Top 3 Log Type Records		Top 3 Coal Records		Top 3 Member Records	
Jersey	24	Drillers Log	11	DANVILLE	14	DANVILLE COAL	14
		Electric Log	10	HERRIN	12	HERRIN COAL	12
		Nuclear Log	2	JAMESTOWN	9	JAMESTOWN COAL	9

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
WEST FRANKLIN	LIMESTONE	214.4	162.0	250.0	7.8	4.5	12.5
DANVILLE	COAL	351.2	100.0	445.0	3.3	2.0	4.7
BANKSTON FORK	LIMESTONE	107.0	107.0	107.0	4.0	4.0	4.0
CONANT	LIMESTONE	111.0	111.0	111.0	0.3	0.3	0.3
JAMESTOWN	COAL	362.4	248.5	409.0	3.4	1.0	5.2
BRERETON	LIMESTONE	65.0	12.6	117.3	1.1	0.6	1.7
ANNA	SHALE	386.8	376.5	397.0	2.5	2.5	2.5
ENERGY	SHALE	13.2	13.2	13.2	1.8	1.8	1.8
HERRIN	COAL	177.3	14.8	482.0	4.0	1.8	5.0
BRIAR HILL	COAL	476.7	436.5	554.0	1.5	1.0	2.5
ST. DAVID	LIMESTONE	463.0	463.0	463.0	2.5	2.5	2.5
TURNER MINE	SHALE	465.5	465.5	465.5	2.5	2.5	2.5
SPRINGFIELD	COAL	519.1	446.5	580.0	5.1	2.0	7.5
EXCELLO	SHALE	391.4	82.3	556.0	2.9	2.5	3.3
HOUCHIN CREEK	COAL	646.0	616.0	674.0	2.0	1.0	2.8
SURVANT	COAL	616.9	513.0	716.0	4.1	3.0	5.2
MECCA QUARRY	SHALE	696.0	680.0	712.0	3.0	2.5	3.5
COLCHESTER	COAL	697.7	557.0	777.0	1.0	0.8	1.0
SEELYVILLE	COAL	730.8	718.0	743.5	5.0	4.5	5.5
DEKOVEN	COAL	720.0	720.0	720.0	1.0	1.0	1.0
DAVIS	COAL	786.5	750.0	811.0	5.6	5.0	6.5
CARRIER MILLS	SHALE	817.8	768.0	848.0	-	-	-
				Net Coal	36.0		

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: 08301118000C VERSION: 1 PROJECT: VINCENNES
COUNTY: JERSEY TWP/RNG: SECTION: QUARTERS/FOOTAGES:
QUADRANGLE: VINCENNES LONGITUDE: -87.586346 GEOLOGIST: C TREWORGY
CONFIDENTIAL: N LATITUDE: 38.641721 DATE COLLECTED:
SURFACE ELEVATION (FT.): 410.0 LOGGED (FT.): LOG TYPE: Electric Log
SOURCE: DATA FROM INDIANA GEO SURVEY WELL TYPE: Oil and Gas Test
COMMENT: GIVEN FROM IGS

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		
				UNIT	OVERBURDEN	COMMENT
18.0	CARBONDALE	JAMESTOWN	COAL	4.0	392.0	DEPTH CALCULATED FROM COAL ELEVATION
-333.0	SPOON		COAL	4.0	743.0	DEPTH CALCULATED FROM COAL ELEVATION

MAPID: 08302812000C VERSION: 1 PROJECT: VINCENNES
COUNTY: JERSEY TWP/RNG: SECTION: QUARTERS/FOOTAGES:
QUADRANGLE: VINCENNES LONGITUDE: -87.550586 GEOLOGIST: C TREWORGY
CONFIDENTIAL: N LATITUDE: 38.659667 DATE COLLECTED:
SURFACE ELEVATION (FT.): 410.0 LOGGED (FT.): LOG TYPE: Electric Log
SOURCE: DATA FROM INDIANA GEO SURVEY WELL TYPE: Oil and Gas Test
COMMENT: GIVEN FROM IGS

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		
				UNIT	OVERBURDEN	COMMENT
20.0	CARBONDALE	DANVILLE	COAL	4.5	390.0	DEPTH CALCULATED FROM COAL ELEVATION
1.0	CARBONDALE	JAMESTOWN	COAL	5.0	409.0	DEPTH CALCULATED FROM COAL ELEVATION
-318.0	SPOON		COAL	4.0	728.0	DEPTH CALCULATED FROM COAL ELEVATION

MAPID: 08304326000C VERSION: 1

PROJECT: VINCENNES

COUNTY: JERSEY TWP/RNG: SECTION: QUARTERS/FOOTAGES:

QUADRANGLE: VINCENNES LONGITUDE: -87.561892 GEOLOGIST: C TREWORY

CONFIDENTIAL: N LATITUDE: 38.672463 DATE COLLECTED:

SURFACE ELEVATION (FT.): 412.0 LOGGED (FT.): LOG TYPE: Electric Log

SOURCE: DATA FROM INDIANA GEO SURVEY WELL TYPE: Oil and Gas Test

COMMENT: GIVEN FROM IGS

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		
				UNIT	OVERBURDEN	COMMENT
29.0	CARBONDALE	DANVILLE	COAL	4.5	383.0	DEPTH CALCULATED FROM COAL ELEVATION
22.0	CARBONDALE	JAMESTOWN	COAL	3.0	390.0	DEPTH CALCULATED FROM COAL ELEVATION
-228.0	CARBONDALE	SURVANT	COAL	4.0	640.0	DEPTH CALCULATED FROM COAL ELEVATION
-274.0	CARBONDALE	COLCHESTER	COAL	1.0	686.0	DEPTH CALCULATED FROM COAL ELEVATION
-291.0	SPOON		COAL	4.0	703.0	DEPTH CALCULATED FROM COAL ELEVATION

MAPID: 08307111000C VERSION: 1

PROJECT: VINCENNES

COUNTY: JERSEY TWP/RNG: SECTION: QUARTERS/FOOTAGES:

QUADRANGLE: VINCENNES LONGITUDE: -87.555828 GEOLOGIST: C TREWORY

CONFIDENTIAL: N LATITUDE: 38.670448 DATE COLLECTED:

SURFACE ELEVATION (FT.): 410.0 LOGGED (FT.): LOG TYPE: Electric Log

SOURCE: DATA FROM INDIANA GEO SURVEY WELL TYPE: Oil and Gas Test

COMMENT: GIVEN FROM IGS

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		
				UNIT	OVERBURDEN	COMMENT
29.0	CARBONDALE	DANVILLE	COAL	2.5	381.0	DEPTH CALCULATED FROM COAL ELEVATION
10.0	CARBONDALE	JAMESTOWN	COAL	1.0	400.0	DEPTH CALCULATED FROM COAL ELEVATION
-227.0	CARBONDALE	SURVANT	COAL	4.5	637.0	DEPTH CALCULATED FROM COAL ELEVATION
-274.0	CARBONDALE	COLCHESTER	COAL	1.0	684.0	DEPTH CALCULATED FROM COAL ELEVATION

MAPID: 08307783000C VERSION: 1

PROJECT: VINCENNES

COUNTY: JERSEY TWP/RNG: SECTION: QUARTERS/FOOTAGES:

QUADRANGLE: VINCENNES LONGITUDE: -87.488254 GEOLOGIST: C TREWORY

CONFIDENTIAL: N LATITUDE: 38.749053 DATE COLLECTED:

SURFACE ELEVATION (FT.): 416.0 LOGGED (FT.): LOG TYPE: Electric Log

SOURCE: DATA FROM INDIANA GEO SURVEY WELL TYPE: Oil and Gas Test

COMMENT: GIVEN FROM IGS

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		
				UNIT	OVERBURDEN	COMMENT
139.0	CARBONDALE	DANVILLE	COAL	3.5	277.0	DEPTH CALCULATED FROM COAL ELEVATION
112.0	CARBONDALE	JAMESTOWN	COAL	4.5	304.0	DEPTH CALCULATED FROM COAL ELEVATION
-97.0	CARBONDALE	SURVANT	COAL	3.0	513.0	DEPTH CALCULATED FROM COAL ELEVATION
-141.0	CARBONDALE	COLCHESTER	COAL	1.0	557.0	DEPTH CALCULATED FROM COAL ELEVATION
-158.0	SPOON		COAL	2.0	574.0	DEPTH CALCULATED FROM COAL ELEVATION

MAPID: 08309351000C VERSION: 1

PROJECT: VINCENNES

COUNTY: JERSEY

TWP/RNG:

SECTION:

QUARTERS/FOOTAGES:

QUADRANGLE: VINCENNES

LONGITUDE: -87.507258

GEOLOGIST: C TREWORYG

CONFIDENTIAL: N

LATITUDE: 38.702804

DATE COLLECTED:

SURFACE ELEVATION (FT.): 416.0

LOGGED (FT.):

LOG TYPE: Electric Log

SOURCE: DATA FROM INDIANA GEO SURVEY

WELL TYPE: Oil and Gas Test

COMMENT: GIVEN FROM IGS

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
64.0	CARBONDALE	DANVILLE	COAL	3.0	352.0	DEPTH CALCULATED FROM COAL ELEVATION
44.0	CARBONDALE	JAMESTOWN	COAL	3.0	372.0	DEPTH CALCULATED FROM COAL ELEVATION
-259.0	SPOON		COAL	3.0	675.0	DEPTH CALCULATED FROM COAL ELEVATION

MAPID: 0830HE-1000C VERSION: 1

PROJECT: VINCENNES

COUNTY: JERSEY

TWP/RNG:

SECTION:

QUARTERS/FOOTAGES:

QUADRANGLE: VINCENNES

LONGITUDE: -87.519265

GEOLOGIST: C TREWORYG

CONFIDENTIAL: N

LATITUDE: 38.65136

DATE COLLECTED:

SURFACE ELEVATION (FT.): 447.0

LOGGED (FT.):

LOG TYPE: Other Core Study

SOURCE: DATA FROM INDIANA GEO SURVEY

WELL TYPE: Coal Test

COMMENT: GIVEN FROM IGS

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
77.0	CARBONDALE	DANVILLE	COAL	3.3	370.0	DEPTH CALCULATED FROM COAL ELEVATION
54.0	CARBONDALE	JAMESTOWN	COAL	1.0	393.0	DEPTH CALCULATED FROM COAL ELEVATION
-185.0	CARBONDALE	SURVANT	COAL	4.3	632.0	DEPTH CALCULATED FROM COAL ELEVATION
-227.9	CARBONDALE	COLCHESTER	COAL	0.8	674.9	DEPTH CALCULATED FROM COAL ELEVATION

MAPID: 083HF-87000C VERSION: 1

PROJECT: VINCENNES

COUNTY: JERSEY

TWP/RNG:

SECTION:

QUARTERS/FOOTAGES:

QUADRANGLE: VINCENNES

LONGITUDE: -87.474373

GEOLOGIST: INDIANA GS

CONFIDENTIAL: N

LATITUDE: 38.717171

DATE COLLECTED:

SURFACE ELEVATION (FT.): 465.0

LOGGED (FT.): 576.0

LOG TYPE: Drillers Log

SOURCE: DATA FROM INDIANA GEO SURVEY

WELL TYPE: Coal Test

COMMENT:

MAPID: 083HF-89000C VERSION: 1

PROJECT: VINCENNES

COUNTY: JERSEY

TWP/RNG:

SECTION:

QUARTERS/FOOTAGES:

QUADRANGLE: VINCENNES

LONGITUDE: -87.49506

GEOLOGIST: C TREWORYG

CONFIDENTIAL: N

LATITUDE: 38.730509

DATE COLLECTED:

SURFACE ELEVATION (FT.): 423.0

LOGGED (FT.):

LOG TYPE: Drillers Log

SOURCE: DATA FROM INDIANA GEO SURVEY

WELL TYPE: Coal Test

COMMENT: GIVEN FROM IGS

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
98.0	CARBONDALE	DANVILLE	COAL	4.7	325.0	DEPTH CALCULATED FROM COAL ELEVATION
69.5	CARBONDALE	JAMESTOWN	COAL	3.5	353.5	DEPTH CALCULATED FROM COAL ELEVATION
-140.3	CARBONDALE	SURVANT	COAL	5.2	563.3	DEPTH CALCULATED FROM COAL ELEVATION

MAPID: 083HF-95000C VERSION: 1

PROJECT: VINCENNES

COUNTY: JERSEY

TWP/RNG:

SECTION:

QUARTERS/FOOTAGES:

QUADRANGLE: VINCENNES

LONGITUDE: -87.499696

GEOLOGIST: C TREWORYG

CONFIDENTIAL: N

LATITUDE: 38.746928

DATE COLLECTED:

SURFACE ELEVATION (FT.):

LOGGED (FT.):

LOG TYPE: Drillers Log

SOURCE: DATA FROM INDIANA GEO SURVEY

WELL TYPE: Coal Test

COMMENT: NO SURFACE ELEVATION

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
-	CARBONDALE	JAMESTOWN	COAL	5.2	248.5	DEPTH FIELD = ELEVATION OF COAL

MAPID: 08300006000C VERSION: 1

PROJECT: MTCARMEL

COUNTY: JERSEY

TWP/RNG: 1S 12W

SECTION: 3

QUARTERS/FOOTAGES: SW SW NE

QUADRANGLE: EAST MOUNT CARMEL

LONGITUDE: -87.731671

GEOLOGIST: JACOBSON

CONFIDENTIAL: N

LATITUDE: 38.45945

DATE COLLECTED: 6 / 1 / 1944

SURFACE ELEVATION (FT.): 400.0

LOGGED (FT.): 0.0

LOG TYPE: Electric Log

SOURCE: GEORGE & WRATHER

WELL TYPE: Dry Hole

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
150.0	SHELburn	WEST FRANKLIN	LIMESTONE	10.0	250.0	
-37.0	SHELburn	DANVILLE	COAL	3.0	437.0	
-82.0	CARBONDALE	HERRIN	COAL	3.5	482.0	
-172.0	CARBONDALE	SPRINGFIELD	COAL	7.5	572.0	
-268.0	CARBONDALE	HOUCHIN CREEK	COAL	1.0	668.0	
-316.0	CARBONDALE	SURVANT	COAL	3.8	716.0	
-377.0	CARBONDALE	COLCHESTER	COAL	-	777.0	
-411.0	CARBONDALE	DAVIS	COAL	5.0	811.0	
-448.0	TRADEWATER	CARRIER MILLS	BLACK SHALE	-	848.0	

MAPID: 08300007000C VERSION: 1

PROJECT: MTCARMEL

COUNTY: JERSEY TWP/RNG: 1S 12W SECTION: 4 QUARTERS/FOOTAGES: NE NE SW

QUADRANGLE: MOUNT CARMEL LONGITUDE: -87.751118 GEOLOGIST: JACOBSON

CONFIDENTIAL: N LATITUDE: 38.457498 DATE COLLECTED: 1 / 1 / 1944

SURFACE ELEVATION (FT.): 400.0 LOGGED (FT.): 0.0 LOG TYPE: Electric Log

SOURCE: GEORGE & WRATHER WELL TYPE: Dry Hole

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
152.0	SHELburn	WEST FRANKLIN	LIMESTONE	5.8	248.0
-45.0	SHELburn	DANVILLE	COAL	3.8	445.0
-74.0	CARBONDALE	HERRIN	COAL	4.5	474.0
-154.0	CARBONDALE	BRIAR HILL	COAL	1.0	554.0
-180.0	CARBONDALE	SPRINGFIELD	COAL	5.0	580.0
-274.0	CARBONDALE	HOUCHIN CREEK	COAL	2.0	674.0
-373.0	CARBONDALE	COLCHESTER	COAL	-	773.0
-411.0	CARBONDALE	DAVIS	COAL	5.0	811.0
-445.0	TRADEWATER	CARRIER MILLS	BLACK SHALE	-	845.0

MAPID: 08300008000C VERSION: 1

PROJECT: MTCARMEL

COUNTY: JERSEY TWP/RNG: 1S 12W SECTION: 15 QUARTERS/FOOTAGES: NW SE NE

QUADRANGLE: EAST MOUNT CARMEL LONGITUDE: -87.727482 GEOLOGIST: JACOBSON

CONFIDENTIAL: N LATITUDE: 38.431963 DATE COLLECTED: 2 / 1 / 1947

SURFACE ELEVATION (FT.): 397.0 LOGGED (FT.): 0.0 LOG TYPE: Electric Log

SOURCE: SOHIO PETR. CO. WELL TYPE: Dry Hole

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
205.0	SHELburn	WEST FRANKLIN	LIMESTONE	6.0	192.0
27.0	SHELburn	DANVILLE	COAL	2.0	370.0
-24.0	CARBONDALE	HERRIN	COAL	4.0	421.0
-83.0	CARBONDALE	BRIAR HILL	COAL	1.0	480.0
-128.0	CARBONDALE	SPRINGFIELD	COAL	5.0	525.0
-229.0	CARBONDALE	HOUCHIN CREEK	COAL	2.0	626.0
-323.0	CARBONDALE	COLCHESTER	COAL	-	720.0
-377.0	CARBONDALE	DAVIS	COAL	6.0	774.0
-413.0	TRADEWATER	CARRIER MILLS	BLACK SHALE	-	810.0

MAPID: 08300009000C VERSION: 1

PROJECT: MTCARMEL

COUNTY: JERSEY TWP/RNG: 1S 12W SECTION: 22 QUARTERS/FOOTAGES: SE NW NE

QUADRANGLE: EAST MOUNT CARMEL LONGITUDE: -87.729606 GEOLOGIST: JACOBSON

CONFIDENTIAL: N LATITUDE: 38.419628 DATE COLLECTED: 1 / 1 / 1947

SURFACE ELEVATION (FT.): 397.0 LOGGED (FT.): 0.0 LOG TYPE: Electric Log

SOURCE: J. ROY DEE TR. WELL TYPE: Dry Hole

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
235.0	SHELburn	WEST FRANKLIN	LIMESTONE	4.5	162.0
52.0	SHELburn	DANVILLE	COAL	2.5	345.0
-13.0	CARBONDALE	HERRIN	COAL	4.0	410.0
-61.0	CARBONDALE	BRIAR HILL	COAL	1.0	458.0
-126.0	CARBONDALE	SPRINGFIELD	COAL	7.5	523.0
-219.0	CARBONDALE	HOUCHIN CREEK	COAL	2.8	616.0
-313.0	CARBONDALE	COLCHESTER	COAL	-	710.0
-323.0	CARBONDALE	DEKOVEN	COAL	1.0	720.0
-353.0	CARBONDALE	DAVIS	COAL	6.5	750.0
-371.0	TRADEWATER	CARRIER MILLS	BLACK SHALE	-	768.0

MAPID: 08312287100C VERSION: 1

PROJECT: VINCENNES

COUNTY: JERSEY TWP/RNG: 2N 11W SECTION: 44 QUARTERS/FOOTAGES: 4700' S line, 100' W line

QUADRANGLE: VINCENNES LONGITUDE: -87.588472 GEOLOGIST: C TREWORY

CONFIDENTIAL: N LATITUDE: 38.642145 DATE COLLECTED: 5 / 28 / 1982

SURFACE ELEVATION (FT.): 415.0 LOGGED (FT.): 1876.0 LOG TYPE: Nuclear Log

SOURCE: ECUS CORP BOWER #2 WELL TYPE: Oil and Gas Test

COMMENT: TOPS FROM GAMMA/DENSITY LOG

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
35.0	CARBONDALE	DANVILLE	COAL	3.5	380.0
18.0	CARBONDALE	ANNA	BLACK SHALE	2.5	397.0
-40.0	CARBONDALE	BRIAR HILL	COAL	2.0	455.0
-48.0	CARBONDALE	ST. DAVID	LIMESTONE	2.5	463.0
-50.5	CARBONDALE	TURNER MINE	BLACK SHALE	2.5	465.5
-53.0	CARBONDALE	SPRINGFIELD	COAL	2.0	468.0
-141.0	CARBONDALE	EXCELLO	BLACK SHALE	3.0	556.0
-297.0	CARBONDALE	MECCA QUARRY	BLACK SHALE	2.5	712.0
-328.5	CARBONDALE	SEELYVILLE	COAL	4.5	743.5
-417.0	SPOON		COAL	4.0	832.0
-457.0	SPOON		COAL	2.0	872.0

MAPID: 08312287000C VERSION: 1

PROJECT: VINCENNES

COUNTY: JERSEY TWP/RNG: 3N 11W SECTION: 47 QUARTERS/FOOTAGES: 500' S line, 300' W line
 QUADRANGLE: VINCENNES LONGITUDE: -87.588048 GEOLOGIST: C TREWORY
 CONFIDENTIAL: N LATITUDE: 38.628295 DATE COLLECTED: 1 / 31 / 1983
 SURFACE ELEVATION (FT.): 411.0 LOGGED (FT.): 2550.0 LOG TYPE: Nuclear Log
 SOURCE: JOHN ANTHIS JR. WILLIAMS #1 WELL TYPE: Oil and Gas Test
 COMMENT: TOPS FROM GAMMA/DENSITY LOG

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
191.0	MODESTO	WEST FRANKLIN	LIMESTONE	2.5	220.0
188.5	MODESTO	WEST FRANKLIN	SHALE	5.5	222.5
183.0	MODESTO	WEST FRANKLIN	LIMESTONE	4.5	228.0
49.0	CARBONDALE	DANVILLE	COAL	3.0	362.0
34.5	CARBONDALE	ANNA	BLACK SHALE	2.5	376.5
-25.5	CARBONDALE	BRIAR HILL	COAL	2.5	436.5
-35.5	CARBONDALE	SPRINGFIELD	COAL	3.5	446.5
-125.0	CARBONDALE	EXCELLO	BLACK SHALE	2.5	536.0
-269.0	CARBONDALE	MECCA QUARRY	BLACK SHALE	3.5	680.0
-307.0	SPOON	SEELYVILLE	COAL	5.5	718.0
-403.0	SPOON		COAL	4.0	814.0
-453.0	SPOON		COAL	2.0	864.0

MAPID: 08300090000C VERSION: 1

PROJECT: NCRDS87

COUNTY: JERSEY TWP/RNG: 7N 10W SECTION: 10 QUARTERS/FOOTAGES: 500' S line, 300' E line of NW
 QUADRANGLE: BRIGHTON LONGITUDE: -90.193466 GEOLOGIST: WEIBEL
 CONFIDENTIAL: N LATITUDE: 39.066524 DATE COLLECTED: 9 / 0 / 1958
 SURFACE ELEVATION (FT.): 593.1 LOGGED (FT.): 114.6 LOG TYPE: Drillers Log
 SOURCE: PEABODY COAL CO. WELL TYPE: Coal Test
 COMMENT: LOCATION APPROXIMATE

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
593.1			UNCONSOLIDATED	33.7	0.0
559.4	CARBONDALE		CLAYSTONE	16.4	33.7
543.0	CARBONDALE	HERRIN	COAL	4.4	50.1
538.6	CARBONDALE		UNDERCLAY	1.3	54.5
537.3	CARBONDALE		SHALE	4.7	55.8
532.7	CARBONDALE		LIMESTONE	3.2	60.4
529.5	CARBONDALE		SHALE	1.0	63.6
528.5	CARBONDALE		LIMESTONE	2.6	64.6
525.9	CARBONDALE		SHALE	4.0	67.2
521.9	CARBONDALE		LIMESTONE	3.3	71.2
518.7	CARBONDALE		SHALE	7.8	74.4
510.8	CARBONDALE	EXCELLO	BLACK SHALE	3.3	82.3
507.5	CARBONDALE		GRAY SHALE	29.0	85.6

MAPID: 08300081000C **VERSION:** 1 **PROJECT:** EIA-DOE
COUNTY: JERSEY **TWP/RNG:** 7N 10W **SECTION:** 23 **QUARTERS/FOOTAGES:** NW NE
QUADRANGLE: BRIGHTON **LONGITUDE:** -90.171812 **GEOLOGIST:** JACOBSON
CONFIDENTIAL: N **LATITUDE:** 39.041597 **DATE COLLECTED:**
SURFACE ELEVATION (FT.): 575.6 **LOGGED (FT.):** 105.0 **LOG TYPE:** Drillers Log
SOURCE: NORTHERN ILLINOIS COAL CORP. 236 **WELL TYPE:** Coal Test
COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
558.5	CARBONDALE	HERRIN	COAL	4.3	17.1	

MAPID: 08300082000C **VERSION:** 1 **PROJECT:** EIA-DOE
COUNTY: JERSEY **TWP/RNG:** 7N 10W **SECTION:** 23 **QUARTERS/FOOTAGES:** 0' S line, 0' W line of NW NE
QUADRANGLE: BRIGHTON **LONGITUDE:** -90.17412 **GEOLOGIST:** JACOBSON
CONFIDENTIAL: N **LATITUDE:** 39.039783 **DATE COLLECTED:**
SURFACE ELEVATION (FT.): 576.7 **LOGGED (FT.):** 21.9 **LOG TYPE:** Drillers Log
SOURCE: NORTHERN ILLINOIS COAL CORP. 237 **WELL TYPE:** Coal Test
COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
561.9	CARBONDALE	HERRIN	COAL	4.8	14.8	

MAPID: 08300082000C **VERSION:** 2 **PROJECT:** ROOF STUDY
COUNTY: JERSEY **TWP/RNG:** 7N 10W **SECTION:** 23 **QUARTERS/FOOTAGES:** 0' S line, 0' W line of NW NE
QUADRANGLE: BRIGHTON **LONGITUDE:** -90.17412 **GEOLOGIST:**
CONFIDENTIAL: N **LATITUDE:** 39.039783 **DATE COLLECTED:**
SURFACE ELEVATION (FT.): 577.0 **LOGGED (FT.):** 19.8 **LOG TYPE:** Drillers Log
SOURCE: NORTHERN ILLINOIS COAL CORP. 237 **WELL TYPE:** Coal Test
COMMENT: FAIR DESCRIPTION

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
564.4	CARBONDALE	BRERETON	LIMESTONE	0.6	12.6	
563.8	CARBONDALE	ENERGY	DARK GRAY SHALE	1.8	13.2	
562.0	CARBONDALE	HERRIN	COAL	4.8	15.0	

MAPID: 08300083000C **VERSION:** 1 **PROJECT:** EIA-DOE
COUNTY: JERSEY **TWP/RNG:** 7N 10W **SECTION:** 23 **QUARTERS/FOOTAGES:** 680' S line, 0' line of NW NE
QUADRANGLE: BRIGHTON **LONGITUDE:** -90.171812 **GEOLOGIST:** JACOBSON
CONFIDENTIAL: N **LATITUDE:** 39.041597 **DATE COLLECTED:**
SURFACE ELEVATION (FT.): 573.9 **LOGGED (FT.):** 22.8 **LOG TYPE:** Drillers Log
SOURCE: NORTHERN ILLINOIS COAL CORP. 238 **WELL TYPE:** Coal Test
COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
556.7	CARBONDALE	HERRIN	COAL	3.9	17.2	

MAPID: 08300084000C **VERSION:** 1 **PROJECT:** EIA-DOE
COUNTY: JERSEY **TWP/RNG:** 7N 10W **SECTION:** 23 **QUARTERS/FOOTAGES:** 111' N line, 14' W line of NW NE
QUADRANGLE: BRIGHTON **LONGITUDE:** -90.17405 **GEOLOGIST:** JACOBSON
CONFIDENTIAL: N **LATITUDE:** 39.043174 **DATE COLLECTED:**
SURFACE ELEVATION (FT.): 605.8 **LOGGED (FT.):** 31.5 **LOG TYPE:** Drillers Log
SOURCE: NORTHERN ILLINOIS COAL CORP. 239 **WELL TYPE:** Coal Test
COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
580.2	CARBONDALE	HERRIN	COAL	3.4	25.6	

MAPID: 08300016000C **VERSION:** 1 **PROJECT:** ROOF STUDY
COUNTY: JERSEY **TWP/RNG:** 7N 10W **SECTION:** 24 **QUARTERS/FOOTAGES:** 750' N line, 2360' W line
QUADRANGLE: BRIGHTON **LONGITUDE:** -90.156565 **GEOLOGIST:**
CONFIDENTIAL: N **LATITUDE:** 39.041217 **DATE COLLECTED:**
SURFACE ELEVATION (FT.): 656.0 **LOGGED (FT.):** 124.0 **LOG TYPE:** Drillers Log
SOURCE: HEIDERMAN, E A **WELL TYPE:** Coal Test
COMMENT: FAIR DESCRIPTION

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
556.0	CARBONDALE	DANVILLE	COAL	3.0	100.0	
553.0	CARBONDALE		DARK GRAY SHALE	4.0	103.0	
549.0	CARBONDALE	BANKSTON FORK	LIMESTONE	4.0	107.0	
545.0	CARBONDALE	CONANT	CALCAREOUS SHALE	0.3	111.0	
544.7	CARBONDALE		CALCAREOUS SHALE	6.0	111.3	
538.7	CARBONDALE	BRERETON	LIMESTONE	1.7	117.3	
537.0	CARBONDALE	HERRIN	COAL	5.0	119.0	

MAPID: 08390087000C VERSION: 1

PROJECT: AVAIL

COUNTY: JERSEY TWP/RNG: 7N 10W SECTION: 36 QUARTERS/FOOTAGES: 40' N line, 10' E line of NE

QUADRANGLE: BRIGHTON LONGITUDE: -90.145728 GEOLOGIST: LAWSON

CONFIDENTIAL: N LATITUDE: 39.013949 DATE COLLECTED: 4 / 23 / 1958

SURFACE ELEVATION (FT.): 639.0 LOGGED (FT.): 90.0 LOG TYPE: Drillers Log

SOURCE: CC DRILLING COMPANY 3 WELL TYPE: Coal Test

COMMENT: BRIGHTON BOX44

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
639.0	PLEISTOCENE		UNCONSOLIDATED	81.0	0.0
558.0			ROCK	1.2	81.0
556.8	CARBONDALE	HERRIN	COAL	1.8	82.2
555.0	CARBONDALE		ROCK	6.0	84.0
