

# Status Report



**Total Records: 10**

Top 3 County Records		Top 3 Log Type Records		Top 3 Coal Records		Top 3 Member Records	
Rock Island	10	Drillers Log	10	ROCK ISLAND	3	ROCK ISLAND COAL	3
					0	ROCK ISLAND CORE LOSS	1
						SEVILLE LIMESTONE	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
SEVILLE	LIMESTONE	136.6	136.6	136.6	0.4	0.4	0.4
ROCK ISLAND	COAL	83.9	34.0	137.0	2.1	1.5	3.5
				<b>Net Coal</b>	<b>2.1</b>		

## 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:** 16100074000C    **VERSION:** 1    **PROJECT:** NCRDS87  
**COUNTY:** ROCK-ISLAND    **TWP/RNG:** 16N 1W    **SECTION:** 1    **QUARTERS/FOOTAGES:** NW NW  
**QUADRANGLE:** COAL VALLEY    **LONGITUDE:** -90.44945    **GEOLOGIST:** WEIBEL  
**CONFIDENTIAL:** N    **LATITUDE:** 41.41202    **DATE COLLECTED:** 0 / 0 / 1914  
**SURFACE ELEVATION (FT.):** 755.4    **LOGGED (FT.):** 206.0    **LOG TYPE:** Drillers Log  
**SOURCE:** COAL VALLEY MINING CO.    **WELL TYPE:** Coal Test  
**COMMENT:**

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
755.4			UNCONSOLIDATED	57.0	0.0
698.4	SPOON		UNCLASSIFIED	24.5	57.0
673.9	SPOON		DARK SHALE	1.5	81.5
672.4	SPOON		COAL	1.5	83.0
670.9	SPOON		UNDERCLAY	1.0	84.5
669.9	SPOON		UNCLASSIFIED	25.5	85.5
644.4	SPOON		COAL	0.8	111.0
643.6	SPOON		UNDERCLAY	1.3	111.8
642.4	SPOON		UNCLASSIFIED	20.0	113.0
622.4	SPOON		BLACK SHALE	3.6	133.0
618.8	SPOON	SEVILLE	LIMESTONE	0.4	136.6
618.4	SPOON	ROCK ISLAND	COAL	1.5	137.0
616.9	ABBOTT		UNDERCLAY	3.5	138.5
613.4	ABBOTT		DARK SHALE	2.3	142.0
611.1	ABBOTT		COAL	1.6	144.3
609.6	ABBOTT		UNCLASSIFIED	13.9	145.8
595.7	ABBOTT		BLACK SHALE	1.0	159.7
594.7	ABBOTT		BLACK SHALE	1.5	160.7

593.2	ABBOTT	UNCLASSIFIED	8.5	162.2
584.7	ABBOTT	LIMESTONE	0.5	170.7
584.2	ABBOTT	BLACK SHALE	3.5	171.2
580.7	ABBOTT	UNCLASSIFIED	31.3	174.7

**MAPID:** 16100084000C    **VERSION:** 1    **PROJECT:** NCRDS87  
**COUNTY:** ROCK-ISLAND    **TWP/RNG:** 16N 4W    **SECTION:** 27    **QUARTERS/FOOTAGES:** 1' S line, 1' W line of SW SW  
**QUADRANGLE:** BUFFALO PRAIRIE    **LONGITUDE:** -90.840277    **GEOLOGIST:** WEIBEL  
**CONFIDENTIAL:** N    **LATITUDE:** 41.34542    **DATE COLLECTED:** 0 / 0 / 1905  
**SURFACE ELEVATION (FT.):** 724.0    **LOGGED (FT.):** 262.5    **LOG TYPE:** Drillers Log  
**SOURCE:** COAL VALLEY MINING CO.    **WELL TYPE:** Coal Test  
**COMMENT:**

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
724.0			UNCONSOLIDATED	49.0	0.0	
675.0	SPOON		UNCLASSIFIED	32.0	49.0	
643.0	SPOON		DARK SHALE	4.0	81.0	
639.0	SPOON		SANDSTONE	2.5	85.0	
636.5	SPOON		COAL	0.4	87.5	
636.1	SPOON		DARK SHALE	14.2	87.9	
621.9	SPOON		COAL	0.5	102.1	
621.4	SPOON		SHALE	8.4	102.6	
613.0	SPOON		BLACK SHALE	9.7	111.0	
603.3	SPOON	ROCK ISLAND	COAL	2.1	120.7	
601.2	ABBOTT		UNCLASSIFIED	42.3	122.8	
559.0	ABBOTT		DARK SHALE	8.6	165.0	
550.4	ABBOTT		COAL	0.7	173.6	
549.7	ABBOTT		UNDERCLAY	5.8	174.3	
544.0	CASEYVILLE		SANDSTONE	54.5	180.0	UNCERTAIN CORRELATION
489.5	CASEYVILLE		COAL	2.0	234.5	
487.5	CASEYVILLE		UNDERCLAY	16.5	236.5	
471.0	CASEYVILLE		UNCLASSIFIED	9.5	253.0	

MAPID: 16100090000C VERSION: 1

PROJECT: NCRDS87

COUNTY: ROCK-ISLAND TWP/RNG: 17N 1E SECTION: 4 QUARTERS/FOOTAGES: SE NW NW

QUADRANGLE: COAL VALLEY LONGITUDE: -90.392567 GEOLOGIST: WEIBEL

CONFIDENTIAL: N LATITUDE: 41.496972 DATE COLLECTED:

SURFACE ELEVATION (FT.): 650.0 LOGGED (FT.): 110.0 LOG TYPE: Drillers Log

SOURCE: W.S. THOMAS WELL TYPE: Coal Test

COMMENT: ELEVATION & LOCATION IMPRECISE

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
650.0			SILTSTONE	1.0	0.0	
649.0	SPOON		UNCLASSIFIED	33.0	1.0	
616.0	SPOON	ROCK ISLAND	COAL	3.5	34.0	
612.5	ABBOTT		UNDERCLAY	2.5	37.5	
610.0	ABBOTT		UNCLASSIFIED	70.0	40.0	

MAPID: 16122756000C VERSION: 1

PROJECT: NCRDS99

COUNTY: ROCK-ISLAND TWP/RNG: 17N 1E SECTION: 8 QUARTERS/FOOTAGES: SW NW

QUADRANGLE: COAL VALLEY LONGITUDE: -90.413147 GEOLOGIST: HAMER

CONFIDENTIAL: N LATITUDE: 41.480226 DATE COLLECTED: 9 / 10 / 1996

SURFACE ELEVATION (FT.): 691.7 LOGGED (FT.): 61.0 LOG TYPE: Drillers Log

SOURCE: INDECO INC CB-96-1 WELL TYPE: Coal Test

COMMENT: NO FOOTAGES RECORDED

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
691.7	PLEISTOCENE		UNCONSOLIDATED	2.0	0.0	
689.7	PLEISTOCENE		CLAY	28.0	2.0	SILTY
661.7	PLEISTOCENE		CLAY	2.5	30.0	SILTY, WITH SAND AND GRAVEL
659.2	PLEISTOCENE		BOULDER	1.5	32.5	
657.7	PLEISTOCENE		CLAY	1.3	34.0	WITH GRAVEL
656.4	SPOON		SHALE	0.7	35.3	BLACK, WEATHERED, WITH COAL LENS
655.7	SPOON		GRAY SHALE	2.0	36.0	WEATHERED
653.7	SPOON		GRAY SHALE	6.0	38.0	
647.7	SPOON	ROCK ISLAND	CORE LOSS	1.5	44.0	MINED COAL SEAM
646.2			SHALE	0.5	45.5	GRAY TO BLACK
645.7			COAL	0.5	46.0	
645.2			SHALE	1.5	46.5	
643.7			GRAY SHALE	8.0	48.0	SAND STRINGERS, CARBONACEOUS
635.7			SANDSTONE	1.5	56.0	SHALEY, FINE, CARBONACEOUS
634.2			GRAY SHALE	3.5	57.5	INTERBEDDED FINE SANDSTONE, CARBONACEOUS

MAPID: 16122757000C VERSION: 1

PROJECT: NCRDS99

COUNTY: ROCK-ISLAND TWP/RNG: 17N 1E SECTION: 8 QUARTERS/FOOTAGES: SW NW

QUADRANGLE: COAL VALLEY LONGITUDE: -90.413147 GEOLOGIST: HAMER

CONFIDENTIAL: N LATITUDE: 41.480226 DATE COLLECTED: 9 / 16 / 1996

SURFACE ELEVATION (FT.): 678.0 LOGGED (FT.): 61.0 LOG TYPE: Drillers Log

SOURCE: INDECO,INC CB-96-2 WELL TYPE: Coal Test

COMMENT: NO FOOTAGES RECORDED

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
678.0	PLEISTOCENE		CLAY	25.0	0.0	SILTY
653.0	PLEISTOCENE		CLAY	5.0	25.0	SANDY WITH SAND AND GRAVEL
648.0	PLEISTOCENE		CLAY	2.5	30.0	
645.5	PLEISTOCENE		CLAY	3.3	32.5	SANDY WITH GRAVEL
642.2			UNDERCLAY	4.9	35.8	WEATHERED SHALE;WOOD
637.3			GRAY SHALE	11.3	40.7	CARBONACEOUS BITS
626.0			GRAY SHALE	9.0	52.0	WITH SANDSTONE LENSES, PYRITIC

MAPID: 16122758000C VERSION: 1

PROJECT: NCRDS99

COUNTY: ROCK-ISLAND TWP/RNG: 17N 1E SECTION: 8 QUARTERS/FOOTAGES: SW NW

QUADRANGLE: COAL VALLEY LONGITUDE: -90.413147 GEOLOGIST: HAMER

CONFIDENTIAL: N LATITUDE: 41.480226 DATE COLLECTED: 9 / 17 / 1996

SURFACE ELEVATION (FT.): 690.2 LOGGED (FT.): 75.0 LOG TYPE: Drillers Log

SOURCE: INDECO,INC CB-96-3 WELL TYPE: Coal Test

COMMENT: NO FOOTAGES RECORDED

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
690.2	PLEISTOCENE		CLAY	25.8	0.0	SILTY
664.4	PLEISTOCENE		CLAY	9.2	25.8	SILTY WITH TRACE OF SAND
655.2	PLEISTOCENE		CLAY	1.5	35.0	SANDY
653.7	PLEISTOCENE		CLAY	1.0	36.5	BLACK, MUCK OR GOB
652.7	PLEISTOCENE		CLAY	2.5	37.5	GRAY,MUCK OR GOB
650.2			UNDERCLAY	6.5	40.0	
643.7			GRAY SHALE	24.2	46.5	WEATHERED AT TOP, COARSENS DOWNWARD
619.5			SANDSTONE	4.3	70.7	COARSE,SHALE INTERBEDS

MAPID: 16122759000C VERSION: 1

PROJECT: NCRDS99

COUNTY: ROCK-ISLAND TWP/RNG: 17N 1E SECTION: 8 QUARTERS/FOOTAGES: SW NW

QUADRANGLE: COAL VALLEY LONGITUDE: -90.413147 GEOLOGIST: HAMER

CONFIDENTIAL: N LATITUDE: 41.480226 DATE COLLECTED: 9 / 20 / 1996

SURFACE ELEVATION (FT.): 700.0 LOGGED (FT.): 66.0 LOG TYPE: Drillers Log

SOURCE: INDECO,INC CB-96-4 WELL TYPE: Coal Test

COMMENT: NO FOOTAGES RECORDED

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
700.0	PLEISTOCENE		CLAY	35.0	0.0	SILTY
665.0	PLEISTOCENE		CLAY	5.5	35.0	SILTY WITH SAND AND GRAVEL
659.5			COAL	1.0	40.5	POSSIBLE WORKING AT 42'
658.5			GRAY SHALE	1.0	41.5	DARK TO BLACK
657.5			GRAY SHALE	22.8	42.5	SANDY,CARBONACEOUS BITS
634.7			GRAY SHALE	0.7	65.3	WEATHERED DARK

MAPID: 16122760000C VERSION: 1

PROJECT: NCRDS99

COUNTY: ROCK-ISLAND TWP/RNG: 17N 1E SECTION: 8 QUARTERS/FOOTAGES: SW NW

QUADRANGLE: COAL VALLEY LONGITUDE: -90.413147 GEOLOGIST: HAMER

CONFIDENTIAL: N LATITUDE: 41.480226 DATE COLLECTED: 9 / 24 / 1996

SURFACE ELEVATION (FT.): 694.7 LOGGED (FT.): 21.5 LOG TYPE: Drillers Log

SOURCE: INDECO INC CB-96-5 WELL TYPE: Coal Test

COMMENT: NO FOOTAGES RECORDED

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
694.7	PLEISTOCENE		CLAY	21.5	0.0	SILTY

MAPID: 16122761000C VERSION: 1

PROJECT: NCRDS99

COUNTY: ROCK-ISLAND TWP/RNG: 17N 1E SECTION: 8 QUARTERS/FOOTAGES: SW NW

QUADRANGLE: COAL VALLEY LONGITUDE: -90.413147 GEOLOGIST: HAMER

CONFIDENTIAL: N LATITUDE: 41.480226 DATE COLLECTED: 9 / 25 / 1996

SURFACE ELEVATION (FT.): 691.1 LOGGED (FT.): 100.0 LOG TYPE: Drillers Log

SOURCE: INDECO,INC CB-96-6 WELL TYPE: Coal Test

COMMENT: NO FOOTAGES RECORDED

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
691.1	PLEISTOCENE		CLAY	28.5	0.0	SILTY
662.6	PLEISTOCENE		CLAY	2.0	28.5	SILTY WITH SAND AND GRAVEL
660.6	PLEISTOCENE		CLAY	4.0	30.5	SILTY
656.6	PLEISTOCENE		PEAT	3.5	34.5	BLACK
653.1			GRAY SHALE	2.8	38.0	
650.3			GRAY SHALE	5.0	40.8	WEATHERED SOFT
645.3			GRAY SHALE	9.2	45.8	SOFT, TRACE COAL AT 46.4
636.1			GRAY SHALE	12.9	55.0	HARDENS AND COARSENS DOWNWARD
623.2			SANDSTONE	5.6	67.9	SHALE LAMINAE, COARSENS DOWNWARD
617.6			SANDSTONE	0.8	73.5	
616.9			GRAY SHALE	12.8	74.2	
604.1			GRAY SHALE	13.0	87.0	SS LAMINAE DARK TO BLACK, PYRITE

MAPID: 16122762000C VERSION: 1

PROJECT: NCRDS99

COUNTY: ROCK-ISLAND TWP/RNG: 17N 1E SECTION: 8 QUARTERS/FOOTAGES: SW NW

QUADRANGLE: COAL VALLEY LONGITUDE: -90.413147 GEOLOGIST: HAMER

CONFIDENTIAL: N LATITUDE: 41.480226 DATE COLLECTED: 9 / 24 / 1996

SURFACE ELEVATION (FT.): 682.1 LOGGED (FT.): 21.5 LOG TYPE: Drillers Log

SOURCE: INDECO INC. B-96-7 WELL TYPE: Coal Test

COMMENT: DRY; NO FOOTAGES RECORDED

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
682.1	PLEISTOCENE		CLAY	20.0	0.0	SILTY
662.1	PLEISTOCENE		CLAY	1.5	20.0	DARK TO BLACK, WITH WOOD