



Status Report

Total Records: 21

TOP 3 COUNTY RECORDS

HANCOCK 21

TOP 3 MEMBER RECORDS

COLCHESTER 19 COAL
 MECCA QUARRY 4 BLACK SHALE
 OAK GROVE 3 LIMESTONE

TOP 3 LOG TYPE RECORDS

Drillers Log 20
 Survey Core Study 1

TOP 3 COAL RECORDS

COLCHESTER 19
 0

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
PLEASANTVIEW	SANDSTONE	4.8	1.5	8.0	18.5	11.0	26.0
OAK GROVE	LIMESTONE	40.8	27.5	54.0	3.6	0.5	9.0
MECCA QUARRY	SHALE	47.5	36.5	57.0	2.7	1.2	6.0
FRANCIS CREEK	SANDSTONE	43.4	31.0	56.7	22.3	6.1	32.0
COLCHESTER	COAL	57.1	19.0	82.5	2.3	1.8	3.0
				Net Coal	2.3		

MAPID: 06700038000C VERSION: 1

PROJECT: NCRDS99

COUNTY: HANCOCK TWP/RNG: 3N 5W SECTION: 22 SWSWSW

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: AUGUSTA LONGITUDE: -90.967828

GEOLOGIST: MCCRACKEN

CONFIDENTIAL: N LATITUDE: 40.223777

DATE COLLECTED: 6 / 25 / 1959

SURFACE ELEVATION (FT.): 676.0 LOGGED (FT.): 70.0

LOG TYPE: Drillers Log

SOURCE: DONAN AU-9

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	UNIT OVERBURDEN	COMMENT
676.0	PLEISTOCENE		UNCONSOLIDATED	70.0	0.0	

MAPID: 06700038000C VERSION: 2

PROJECT: AVAIL

COUNTY: HANCOCK TWP/RNG: 3N 5W SECTION: 22 SWSWSW

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: AUGUSTA LONGITUDE: -90.967828

GEOLOGIST: UITEMP

CONFIDENTIAL: N LATITUDE: 40.223777

DATE COLLECTED: 6 / 25 / 1959

SURFACE ELEVATION (FT.): 676.0 LOGGED (FT.): 70.0

LOG TYPE: Drillers Log

SOURCE: DONAN AV9

WELL TYPE:

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	UNIT OVERBURDEN	COMMENT
676.0	PLEISTOCENE		UNCONSOLIDATED	10.0	0.0	
666.0	PLEISTOCENE		GLACIAL DRIFT	60.0	10.0	

MAPID: 06721301000C VERSION: 1

PROJECT: NCRDS95

COUNTY: HANCOCK TWP/RNG: 3N 5W SECTION: 25

FOOT (NS): 2550 S FOOT (EW): 50 W

QUADRANGLE: AUGUSTA LONGITUDE: -90.930858

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.214986

DATE COLLECTED: 7 / 19 / 1967

SURFACE ELEVATION (FT.): 665.0 LOGGED (FT.): 50.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 17-C

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	UNIT OVERBURDEN	COMMENT
665.0	PLEISTOCENE		CLAY	6.0	0.0	
659.0	CARBONDALE		SANDSTONE	3.0	6.0	
656.0	CARBONDALE		CLAYSTONE & SILTST	14.0	9.0	
642.0	CARBONDALE		SHALE	20.5	23.0	
621.5	CARBONDALE	COLCHESTER	COAL	1.9	43.5	
619.6			UNDERCLAY	4.6	45.4	

MAPID: 06721302000C VERSION: 1

PROJECT: NCRDS95

COUNTY: HANCOCK TWP/RNG: 3N 5W SECTION: 25
QUADRANGLE: AUGUSTA LONGITUDE: -90.931087
CONFIDENTIAL: N LATITUDE: 40.208225
SURFACE ELEVATION (FT.): 683.0 LOGGED (FT.): 67.0
SOURCE: PITTSBURG & MIDWAY 17-P
COMMENT:

FOOT (NS): 100 S FOOT (EW): 10 W
GEOLOGIST: KOROSE
DATE COLLECTED: 7 / 11 / 1967
LOG TYPE: Drillers Log
WELL TYPE: Coal Test

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
683.0	PLEISTOCENE		CLAY	14.5	0.0	
668.5	CARBONDALE		SANDSTONE	37.5	14.5	SOFT; BROWN
631.0	CARBONDALE		GRAY SHALE	10.0	52.0	
621.0	CARBONDALE	COLCHESTER	COAL	2.2	62.0	
618.8			UNDERCLAY	2.8	64.2	

MAPID: 06723970000C VERSION: 1

PROJECT: NCRDS99

COUNTY: HANCOCK TWP/RNG: 3N 5W SECTION: 25 SENWSE
QUADRANGLE: AUGUSTA LONGITUDE: -90.916974
CONFIDENTIAL: N LATITUDE: 40.212523
SURFACE ELEVATION (FT.): 653.0 LOGGED (FT.): 32.0
SOURCE: ALFRED BARNES/STOCKTON MINE 1825.63
COMMENT: FROM COAL SET, MINE NOTES

FOOT (NS): 330 N FOOT (EW): 165 E
GEOLOGIST: J MCBETH
DATE COLLECTED: 4 / 0 / 1922
LOG TYPE: Drillers Log
WELL TYPE: Mine Shaft

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
653.0	PLEISTOCENE		UNCONSOLIDATED	8.0	0.0	
645.0	CARBONDALE	PLEASANTVIEW	SANDSTONE	11.0	8.0	
634.0	CARBONDALE	COLCHESTER	COAL	2.0	19.0	AVERAGE THICKNESS
632.0	CARBONDALE		UNDERCLAY	11.0	21.0	

MAPID: 06700010000C VERSION: 1

PROJECT: NCRDS87

COUNTY: HANCOCK TWP/RNG: 3N 5W SECTION: 26 SE
QUADRANGLE: AUGUSTA LONGITUDE: -90.937769
CONFIDENTIAL: N LATITUDE: 40.212982
SURFACE ELEVATION (FT.): 650.0 LOGGED (FT.): 45.2
SOURCE: AUGUSTA COAL CO.
COMMENT: LOC ADJUSTED BY J. MCBETH TO FIT TOPO

FOOT (NS): 1800 S FOOT (EW): 800 W
GEOLOGIST: WEIBEL
DATE COLLECTED: 6 / 30 / 1922
LOG TYPE: Drillers Log
WELL TYPE: Mine Shaft

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
617.0	CARBONDALE	COLCHESTER	COAL	3.0	33.0	UNCERTAIN CORRELATION
614.0	SPOON		SHALE	7.0	36.0	
607.0	SPOON		COAL	2.2	43.0	

MAPID: 06739901000C VERSION: 1

PROJECT: NCRDS99

COUNTY: HANCOCK TWP/RNG: 3N 5W SECTION: 26 SESE

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: AUGUSTA LONGITUDE: -90.933506

GEOLOGIST: J MCBETH

CONFIDENTIAL: N LATITUDE: 40.209804

DATE COLLECTED: 0 / 0 / 0

SURFACE ELEVATION (FT.): 690.0 LOGGED (FT.): 82.2

LOG TYPE: Drillers Log

SOURCE: A H EBBEN/EBBEN MINE 1826.81

WELL TYPE: Mine Shaft

COMMENT: FROM COAL SECTION MINE NOTES;EST'D ELEV.

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
690.0	PLEISTOCENE		GLACIAL DRIFT	1.5	0.0	
688.5	CARBONDALE	PLEASANTVIEW	SANDSTONE	26.0	1.5	LIGHT BROWN
662.5	CARBONDALE	OAK GROVE	LIMESTONE	9.0	27.5	LIGHT TO MEDIUM GRAY
653.5	CARBONDALE	MECCA QUARRY	SHALE	6.0	36.5	BLACK
647.5	CARBONDALE	FRANCIS CREEK	SHALE	32.0	42.5	
615.5	CARBONDALE	COLCHESTER	COAL	3.0	74.5	
612.5	CARBONDALE		UNDERCLAY	2.5	77.5	
610.0	CARBONDALE		COAL	2.2	80.0	CANNEL COAL

MAPID: 06700037000C VERSION: 1

PROJECT: NCRDS99

COUNTY: HANCOCK TWP/RNG: 3N 5W SECTION: 27 NW/NESE

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: AUGUSTA LONGITUDE: -90.963273

GEOLOGIST: MCCRACKEN

CONFIDENTIAL: N LATITUDE: 40.214638

DATE COLLECTED: 6 / 3 / 1959

SURFACE ELEVATION (FT.): 660.0 LOGGED (FT.): 94.0

LOG TYPE: Drillers Log

SOURCE: DONAN AU-1

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
660.0	PLEISTOCENE		UNCONSOLIDATED	38.0	0.0	
622.0	CARBONDALE		SHALE	6.1	38.0	
615.9	CARBONDALE	COLCHESTER	COAL	2.0	44.1	
613.9			UNDERCLAY	1.9	46.1	
612.0			SANDSTONE	1.0	48.0	
611.0			SHALE	21.8	49.0	
589.2			COAL	2.2	70.8	
587.1			SANDSTONE	1.6	72.9	CONGLOMERATIC
585.5			COAL	0.2	74.5	
585.3			SANDSTONE	4.5	74.7	
580.8			SHALE	1.8	79.2	
579.0			SANDSTONE	5.5	81.0	
573.5			SANDSTONE	4.4	86.5	CONGLOMERATIC
569.0			LIMESTONE	3.0	91.0	

MAPID: 06700037000C VERSION: 2

PROJECT: AVAIL

COUNTY: HANCOCK TWP/RNG: 3N 5W SECTION: 27 NWNESW

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: AUGUSTA LONGITUDE: -90.963273

GEOLOGIST: UITEMP

CONFIDENTIAL: N LATITUDE: 40.214638

DATE COLLECTED: 6 / 3 / 1959

SURFACE ELEVATION (FT.): 660.0 LOGGED (FT.): 94.0

LOG TYPE: Drillers Log

SOURCE: DONAN AV1

WELL TYPE:

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
660.0	PLEISTOCENE		UNCONSOLIDATED	8.0	0.0	BROWN
652.0	PLEISTOCENE		CLAY & GRAVEL	23.0	8.0	GREEN
629.0	PLEISTOCENE		SAND	7.0	31.0	
622.0	CARBONDALE	FRANCIS CREEK	GREEN SHALE	6.1	38.0	
615.9	CARBONDALE	COLCHESTER	COAL	2.0	44.1	BLACK
613.9			UNDERCLAY	1.9	46.1	GREEN
612.0			SANDSTONE	1.0	48.0	GREEN
611.0			GREEN SHALE	11.0	49.0	
600.0			SANDY SHALE	10.8	60.0	
589.2			COAL	2.2	70.8	BLACK
587.1			CONGLOMERATE & SAN	1.6	72.9	
585.5			COAL	0.2	74.5	BLACK
585.3			SANDSTONE	4.5	74.7	GREEN
580.8			SANDY SHALE	1.8	79.2	
579.0			SANDSTONE	5.5	81.0	GREEN
573.5			SHALY SANDSTONE	4.5	86.5	
569.0			LIMESTONE	3.0	91.0	WHITE

MAPID: 06721303000C VERSION: 1

PROJECT: NCRDS95

COUNTY: HANCOCK TWP/RNG: 3N 5W SECTION: 28

FOOT (NS): 2500 N FOOT (EW): 10 E

QUADRANGLE: AUGUSTA LONGITUDE: -90.969223

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.215966

DATE COLLECTED: 7 / 12 / 1967

SURFACE ELEVATION (FT.): 676.0 LOGGED (FT.): 97.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 18-P

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
676.0	PLEISTOCENE		CLAY	45.0	0.0	
631.0	PLEISTOCENE		SANDY CLAY	52.0	45.0	BLUE

MAPID: 06726101000C VERSION: 1

PROJECT: NCRDS99

COUNTY: HANCOCK TWP/RNG: 3N 5W SECTION: 34 NE

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: AUGUSTA LONGITUDE: -90.955159

GEOLOGIST: J MCBETH

CONFIDENTIAL: N LATITUDE: 40.204501

DATE COLLECTED: 0 / 0 / 0

SURFACE ELEVATION (FT.): 660.0 LOGGED (FT.): 55.3

LOG TYPE: Drillers Log

SOURCE: MERIDITH BROS 1834

WELL TYPE: Mine Shaft

COMMENT: FROM COAL SECTION MINE NOTES;EST'D ELEV

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
660.0	PLEISTOCENE		UNCONSOLIDATED	10.0	0.0	
650.0	CARBONDALE		SANDSTONE	18.0	10.0	
632.0	CARBONDALE		BLACK SHALE	3.0	28.0	
629.0	CARBONDALE	FRANCIS CREEK	GRAY SHALE	18.0	31.0	SOME PLANTS & FOSSILS
611.0	CARBONDALE	COLCHESTER	PYRITE	0.1	49.0	
610.9	CARBONDALE	COLCHESTER	COAL	0.4	49.1	
610.5	CARBONDALE	COLCHESTER	PYRITE	0.0	49.5	
610.4	CARBONDALE	COLCHESTER	COAL	0.6	49.6	
609.8	CARBONDALE	COLCHESTER	PYRITE	0.0	50.2	
609.8	CARBONDALE	COLCHESTER	COAL	1.4	50.2	
608.4	CARBONDALE		UNDERCLAY	4.0	51.6	

MAPID: 06721304000C VERSION: 1

PROJECT: NCRDS95

COUNTY: HANCOCK TWP/RNG: 3N 5W SECTION: 35

FOOT (NS): 50 S FOOT (EW): 2560 E

QUADRANGLE: AUGUSTA LONGITUDE: -90.940495

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.19337

DATE COLLECTED: 7 / 7 / 1967

SURFACE ELEVATION (FT.): 681.0 LOGGED (FT.): 82.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 4-C

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
681.0	PLEISTOCENE		CLAY	20.0	0.0	
661.0	PLEISTOCENE		SAND	16.0	20.0	
645.0	CARBONDALE		BLACK SHALE	0.7	36.0	
644.3	CARBONDALE		SANDSTONE	3.3	36.7	
641.0	CARBONDALE		SHALE	25.5	40.0	
615.5	CARBONDALE	COLCHESTER	COAL	1.9	65.5	
613.6	SPOON		UNDERCLAY	2.6	67.4	
611.0	SPOON		SANDSTONE	3.0	70.0	
608.0	SPOON		SHALE	8.0	73.0	
600.0	SPOON		SANDSTONE	1.0	81.0	WHITE

MAPID: 06721305000C VERSION: 1

PROJECT: NCRDS95

COUNTY: HANCOCK TWP/RNG: 3N 5W SECTION: 35

FOOT (NS): 2625 S FOOT (EW): 2550 E

QUADRANGLE: AUGUSTA LONGITUDE: -90.940383

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.200473

DATE COLLECTED: 7 / 11 / 1967

SURFACE ELEVATION (FT.): 690.0 LOGGED (FT.): 78.5

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 15-C

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
690.0	PLEISTOCENE		CLAY	20.0	0.0
670.0	CARBONDALE		SANDSTONE	3.0	20.0
667.0	CARBONDALE		CLAYSTONE & SILTST	1.0	23.0
666.0	CARBONDALE		SANDSTONE	17.0	24.0
649.0	CARBONDALE	OAK GROVE	LIMESTONE	1.4	41.0
647.6	CARBONDALE		SHALE	1.1	42.4
646.5	CARBONDALE	MECCA QUARRY	BLACK SHALE	1.5	43.5
645.0	CARBONDALE	FRANCIS CREEK	SHALE	29.0	45.0
616.0	CARBONDALE	COLCHESTER	COAL	2.1	74.0
613.9			UNDERCLAY	2.4	76.1

MAPID: 06721306000C VERSION: 1

PROJECT: NCRDS95

COUNTY: HANCOCK TWP/RNG: 3N 5W SECTION: 35

FOOT (NS): 1 N FOOT (EW): 2210 W

QUADRANGLE: AUGUSTA LONGITUDE: -90.942404

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.208057

DATE COLLECTED: 7 / 11 / 1967

SURFACE ELEVATION (FT.): 685.0 LOGGED (FT.): 88.5

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 16-C

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
685.0	PLEISTOCENE		CLAY	20.0	0.0
665.0	CARBONDALE		SANDSTONE	34.0	20.0
631.0	CARBONDALE	OAK GROVE	LIMESTONE	0.5	54.0
630.5	CARBONDALE		SHALE	1.0	54.5
629.5	CARBONDALE	MECCA QUARRY	BLACK SHALE	1.2	55.5
628.3	CARBONDALE	FRANCIS CREEK	GRAY SHALE	25.8	56.7
602.5	CARBONDALE	COLCHESTER	COAL	2.3	82.5
600.2			UNDERCLAY	3.8	84.8

MAPID: 06721307000C VERSION: 1

PROJECT: NCRDS95

COUNTY: HANCOCK TWP/RNG: 3N 5W SECTION: 35

FOOT (NS): 2600 S FOOT (EW): 50 W

QUADRANGLE: AUGUSTA LONGITUDE: -90.95031

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.200506

DATE COLLECTED: 7 / 12 / 1967

SURFACE ELEVATION (FT.): 678.0 LOGGED (FT.): 80.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 18-C

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
678.0	PLEISTOCENE		CLAY	10.0	0.0
668.0	CARBONDALE		SANDSTONE	14.0	10.0
654.0	CARBONDALE		CLAYSTONE & SILTST	2.0	24.0
652.0	CARBONDALE		SANDSTONE	19.0	26.0
633.0	CARBONDALE	MECCA QUARRY	BLACK SHALE	2.0	45.0
631.0	CARBONDALE	FRANCIS CREEK	GRAY SHALE	23.0	47.0
608.0	CARBONDALE	COLCHESTER	COAL	2.3	70.0
605.7			UNDERCLAY	2.7	72.3
603.0			LIGHT SHALE	5.0	75.0

MAPID: 06700039000C VERSION: 1

PROJECT: NCRDS99

COUNTY: HANCOCK TWP/RNG: 3N 5W SECTION: 36 NWNWSE

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: AUGUSTA LONGITUDE: -90.920284

GEOLOGIST: MCCRACKEN

CONFIDENTIAL: N LATITUDE: 40.199548

DATE COLLECTED: 6 / 24 / 1959

SURFACE ELEVATION (FT.): 687.0 LOGGED (FT.): 74.0

LOG TYPE: Survey Core Study

SOURCE: DONAN AU-11

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)	
				UNIT	OVERBURDEN COMMENT
687.0	PLEISTOCENE		NO RECORD	29.0	0.0
658.0	CARBONDALE		SANDSTONE	34.0	29.0
624.0	CARBONDALE	COLCHESTER	COAL	1.8	63.0
622.2	SPOON		UNDERCLAY	1.7	64.8
620.5	SPOON		SANDSTONE	3.4	66.5
617.1	SPOON		SHALE	1.4	69.9
615.7	SPOON		CLAYSTONE & SILTST	2.7	71.3

MAPID: 06700039000C VERSION: 2

PROJECT: AVAIL

COUNTY: HANCOCK TWP/RNG: 3N 5W SECTION: 36 NWNWSE

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: AUGUSTA LONGITUDE: -90.920284

GEOLOGIST: UITEMP

CONFIDENTIAL: N LATITUDE: 40.199548

DATE COLLECTED: 6 / 24 / 1959

SURFACE ELEVATION (FT.): 687.0 LOGGED (FT.): 75.0

LOG TYPE: Drillers Log

SOURCE: DONAN AV11

WELL TYPE:

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
687.0	PLEISTOCENE		UNCONSOLIDATED	25.0	0.0	
662.0			SANDSTONE	18.0	25.0	BROWN
644.0			SANDSTONE WITH COA	20.0	43.0	BROWN
624.0	CARBONDALE	COLCHESTER	COAL	1.8	63.0	BLACK
622.2			SHALE	3.5	64.8	THICK ADJ TO MATCH LOG DEPTH/THICK;GY
618.7			SANDSTONE	3.0	68.3	GRAY
615.7			GRAY SHALE	1.2	71.3	
614.5			LIMESTONE	0.3	72.5	WHITE
614.2			GRAY SHALE	2.2	72.8	

MAPID: 06721308000C VERSION: 1

PROJECT: NCRDS95

COUNTY: HANCOCK TWP/RNG: 3N 5W SECTION: 36

FOOT (NS): 2625 N FOOT (EW): 2640 E

QUADRANGLE: AUGUSTA LONGITUDE: -90.921254

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.200695

DATE COLLECTED: 7 / 11 / 1967

SURFACE ELEVATION (FT.): 684.0 LOGGED (FT.): 67.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 16-P

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
684.0	PLEISTOCENE		CLAY	16.0	0.0	
668.0	CARBONDALE		SANDSTONE	46.0	16.0	SOFT; BROWN
622.0	CARBONDALE	COLCHESTER	COAL	1.8	62.0	
620.2			UNDERCLAY	3.3	63.8	

MAPID: 06700003000C VERSION: 1

PROJECT: NCRDS87

COUNTY: HANCOCK TWP/RNG: 3N 6W SECTION: 34 SESE

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: BOWEN LONGITUDE: -91.067853

GEOLOGIST: WEIBEL

CONFIDENTIAL: N LATITUDE: 40.196661

DATE COLLECTED: 0 / 0 / 1905

SURFACE ELEVATION (FT.): 697.5 LOGGED (FT.): 67.0

LOG TYPE: Drillers Log

SOURCE: MCGILL ESTATE- S.A. MCGILL

WELL TYPE: Mine Shaft

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
697.5			UNCONSOLIDATED	48.0	0.0	
649.5	CARBONDALE		UNCLASSIFIED	14.0	48.0	INCLUDES BLACK SHALE
635.5	CARBONDALE	COLCHESTER	COAL	3.0	62.0	
632.5	SPOON		UNDERCLAY	2.0	65.0	

MAPID: 06700152000C VERSION: 1

PROJECT: NCRDS87

COUNTY: HANCOCK TWP/RNG: 3N 6W SECTION: 34 SENWNW

FOOT (NS): 0 FOOT (EW): 0

QUADRANGLE: BOWEN LONGITUDE: -91.08077

GEOLOGIST: WEIBEL

CONFIDENTIAL: N LATITUDE: 40.206966

DATE COLLECTED: 0 / 0 / 1897

SURFACE ELEVATION (FT.): 695.0 LOGGED (FT.): 73.0

LOG TYPE: Drillers Log

SOURCE: MCGILL ESTATE - S.A. MCGILL

WELL TYPE: Mine Shaft

COMMENT: LOCATION AND ELEVATION IMPRECISE

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
695.0			UNCONSOLIDATED	46.0	0.0	
649.0	CARBONDALE		UNCLASSIFIED	11.0	46.0	
638.0	CARBONDALE	MECCA QUARRY	BLACK SHALE	3.0	57.0	
635.0	CARBONDALE	COLCHESTER	COAL	3.0	60.0	
632.0	SPOON		UNDERCLAY	10.0	63.0	

MAPID: 06721309000C VERSION: 1

PROJECT: NCRDS95

COUNTY: HANCOCK TWP/RNG: 3N 6W SECTION: 34

FOOT (NS): 1 N FOOT (EW): 1 W

QUADRANGLE: BOWEN LONGITUDE: -91.084301

GEOLOGIST: KOROSE

CONFIDENTIAL: N LATITUDE: 40.209789

DATE COLLECTED: 9 / 9 / 1967

SURFACE ELEVATION (FT.): 693.0 LOGGED (FT.): 85.0

LOG TYPE: Drillers Log

SOURCE: PITTSBURG & MIDWAY 6-W

WELL TYPE: Coal Test

COMMENT:

ELEVATION TOP (FT.)	FORMATION	MEMBER	LITHOLOGY	THICKNESS (FT.)		COMMENT
				UNIT	OVERBURDEN	
693.0	PLEISTOCENE		CLAY	53.0	0.0	
640.0			DARK SHALE	32.0	53.0	