STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 583	*	SCHUYLER	56	43
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 24
26 SHEETS

* 02-00067-00-BR
Contract # 93425

Illinois Department of Transportation
Division of Highways
Idot District 6

SOIL BORING LOG

Page 1 of 2

Date 10/16/03

ROUTE FAS 583 (CH-5) DESCRIPTION Camden Road over Lamoine River LOGGED BY M. Tappan

SECTION 02-00067-00-BR LOCATION SW 1/4, SEC. 24, TWP. 2 N, RNG. 3 W, 4 PM

COUNTY Schuyler DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 085-3052
Station 303+70

BORING NO. 4 Pier 5
Station 304+32
Offset 20.0ft Lt
Ground Surface Elev. 461.1 ft

Surface Water Elev. 454.4 ft
Stream Bed Elev. 445.4 ft

Groundwater Elev.:
▽ First Encounter 449.6 ft
▽ Upon Completion Washed ft
▼ After 168 Hrs. 454.1 ft

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown and Grey V. Moist SILTY CLAY LOAM				SAND (continued)			
					1		
				Grey Medium Grained Sandy GRAVEL Washed	2		
					4		
	0				5		
	1	0.4	30	Washed	4		
-5	1	B		-25	5		
455.60							
Brown and Grey Moist SILTY CLAY w/ 3" Wet SAND LOAM Seam	0						
▼	1	0.4	27				
	1	B					
453.10							
Greyish Brown Wet LOAM and SAND LOAM	0				5		
	1	0.2	24	Washed	5		
-10	1	B		-30	5		
450.60							
SAND	0						
▽							
Brown Fine Grained SAND Free Water	0						
	1						
					3		
Sampler Advanced by Weight of Pipe	0			Washed	3		
-15	0			-35	4		
	2						
Grey Clean Medium Grained SAND Washed	2						
	2						
	6			Brown Medium Grained Sandy	9		
Grey Medium Grained GRAVEL Washed	4			GRAVEL Washed	14		
-20	2			-40	13		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

SOIL BORING 085-3052 CH-5 CAMDEN ROAD OVER THE LAMOINE RIVER.GPJ DOTEMPLT.GDT 5/13/05
Latitude Longitude

Illinois Department of Transportation
Division of Highways
Idot District 6

SOIL BORING LOG

Page 2 of 2

Date 10/16/03

ROUTE FAS 583 (CH-5) DESCRIPTION Camden Road over Lamoine River LOGGED BY M. Tappan

SECTION 02-00067-00-BR LOCATION SW 1/4, SEC. 24, TWP. 2 N, RNG. 3 W, 4 PM

COUNTY Schuyler DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 085-3052
Station 303+70

BORING NO. 4 Pier 5
Station 304+32
Offset 20.0ft Lt
Ground Surface Elev. 461.1 ft

Surface Water Elev. 454.4 ft
Stream Bed Elev. 445.4 ft

Groundwater Elev.:
▽ First Encounter 449.6 ft
▽ Upon Completion Washed ft
▼ After 168 Hrs. 454.1 ft

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
SAND (continued)				Grey Moist CLAY LOAM (Till) Washed (continued)			
				398.10			
				Grey Moist Medium Grained SAND	7		
	8			Washed	4		
Grey Medium Grained Sandy GRAVEL Washed	11			-65	4		
-45	13						
413.60							
Grey Moist CLAY LOAM (Till) Washed	12				7		
	15	5.3	11	Medium to Coarse Grained	15		
-50	17	B		391.10 -70	17		
				Boring Completed			
407.60							
Grey Medium to Coarse Grained SAND Washed	6						
	9						
-55	14			-75			
405.10							
Grey Moist CLAY LOAM (Till) Washed							
	9						
	13	5.0	11				
-60	16	S-13		-80			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

SOIL BORING 085-3052 CH-5 CAMDEN ROAD OVER THE LAMOINE RIVER.GPJ DOTEMPLT.GDT 5/13/05
Latitude Longitude

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS

FAS 583 (CH5) OVER LAMOINE RIVER
SECTION 02-00067-00-BR
SCHUYLER COUNTY
STATION 54+95.75
S.N. 085-3054

SCALE: VERT.
HORIZ.
DATE: 6/7/05

DRAWN BY: LANDREY
DESIGNED BY: MATHUR
CHECKED BY: TRELLO

GREENE & BRADFORD, INC.
OF SPRINGFIELD
CONSULTING ENGINEERS
CONSTRUCTION SERVICES
SPRINGFIELD, ILLINOIS 62703
PROFESSIONAL DESIGN FIRM NO. 184.000179
PROFESSIONAL SURVEYING FIRM NO. 184.003760
(217) 753-8484 - 1001 TALLEVAST ROAD - SPRINGFIELD, ILLINOIS 62707-8406

COMPUTER FILE NO.
SN0853054_LOG

PROJECT 02157
6/2/06-MML

FILE NAME = j:\02157\drawings\sn085-3054\SN0853054_LOG.dgn
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PLOT DATE = 8/10/2006
PLOT TIME = 7:46:40 AM
DESIGNER = mcrenell
OPERATOR = mcrenell