Aug-18-2010 08:52:30AM 8:52:30 AM

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 10/21/08

ROUTE FAP 713 DESCRIPTION IL 101 over the Lamoine River LOGGED BY M. Tappan

SECTION 120 B-3 LOCATION NE1/4, SEC. 20, TWP. 3N, RNG. 3W, 4 PM

COUNTY Schuyler DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 085-0514 Pr 085-0016 Ex
Station 559+36.5

BORING NO. B-WA
Station 556+82
Offset 7.0ft LT
Ground Surface Elev. 499.3 ft

Surface Water Elev. 470 ft
Stream Bed Elev. 466.5 ft

Groundwater Elev.:
First Encounter 475.3 ft
Upon Completion 475.3 ft
After ___ Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
CA-6			0		
			1		
			1		
Gray and Brown Moist SILTY CLAY (Fill)	496.80				
			1		
			2	0.7	25
		-5	2	B	
			1		
			2	0.8	32
			3	B	
			1		
Brown			2	1.2	30
		-10	3	B	
Gray and Brown Moist SILTY CLAY	488.30		1		
			2	0.6	26
			2	B	
			1		
			3	2.5	21
		-15	5	B	
Gray and Brown Moist CLAY	483.80				
			1		
			3	3.3	23
			5	B	
			1		
			3	1.9	21
		-20	4	B	
Gray and Brown Moist CLAY (continued)	478.80				
Gray and Brown Moist SILTY CLAY			1		
			3	1.4	20
			3	B	
Brown Wet Med SAND Free Water	475.80		0		
			1		
		-25	3		
			0		
Brown Dirty Med Sand			2		
			4		
Grayish Brown V. Weathered Argillaceous LIMESTONE Drilled Hard at 27.5 ft	471.80				
	470.30		100/4"		
Auger Refusal		-30			
		-35			
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
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)

File Name S:\SOILS\GNT FILES\SCHUYLER\085-0514 IL 101 OVER LAMOINE RIVER.GPJ Data Template DOTEMPLT.GDT Date Printed 7/10/09
Latitude 40D 13.754N Longitude 90D 45.589W Datum NAD83 Job Number D-96-533-05

BORING B-WA

DESIGNED	RJP
CHECKED	ADL
DRAWN	RJP
CHECKED	ADL

BORING LOGS
S.N. 085-0514

SHEET NO.39	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	713	120B-3	SCHUYLER	75	59
45 SHEETS			CONTRACT NO. 72A03		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Klingner & Associates P.C.

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