Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 2

Date 4/16/08

ROUTE FAP 510 (IL 96) DESCRIPTION Triple box over Riley Creek LOGGED BY M. Tappan

SECTION 120 (B,B-1) LOCATION NE1/4, SW1/4, SEC. 18, TWP. 6N, RNG. 8W, 4 PM

COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 034-2525
Station 658+68

BORING NO. 1 NW Corner
Station 658+45
Offset 14.0ft Rt
Ground Surface Elev. 524.5 ft

Surface Water Elev. 519.9 ft
Stream Bed Elev. 519.0 ft

Groundwater Elev.:
▽ First Encounter No encounter ft
▽ Upon Completion 518.0 ft
▼ After ____ Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Lt Brown Moist LOAM to SAND LOAM (Fill) w/ Dark Grayish Brown Moist Silty Clay (Fill)			1		
			3	0.7	14
			2	B	
	521.50				
Lt Brown V. Moist SILTY CLAY LOAM w/ some Angular Limestone Gravel			0		
			1	0.3	25
		-5	1	B	
			0		
Gray ▽			2	0.6	24
			1	B	
	516.50				
Gray and Brown Moist CLAY Residuum			8		
	515.00		7	1.7	26
Gray Crystalline Limestone	514.50	-10	100 /4"	B	
		-15			
		-20			

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\GINT FILES\HANCOCK\034-2525 ILBB OVER RILEY CREEK.GPJ Data Template DOTEMPLT.GDT Date Printed 7/27/10
Latitude 40D 30:7.4PN Longitude 91D 21:3.58PW Datum NAD83 Job Number 096-347-06

BORING 1

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 2 of 2

Date 4/16/08

ROUTE FAP 510 (IL 96) DESCRIPTION Triple box over Riley Creek LOGGED BY M. Tappan

SECTION 120 (B,B-1) LOCATION NE1/4, SW1/4, SEC. 18, TWP. 6N, RNG. 8W, 4 PM

COUNTY Hancock DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 034-2525
Station 658+68

BORING NO. 2 SE Corner
Station 658+91
Offset 14.0ft LT
Ground Surface Elev. 524.5 ft

Surface Water Elev. 519.9 ft
Stream Bed Elev. 519.0 ft

Groundwater Elev.:
▽ First Encounter No encounter ft
▽ Upon Completion 515.5 ft
▼ After ____ Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Dk Grayish Brown Moist SILTY CLAY (Fill) w/ Limestone Gravel			1		
			2	0.9	15
			2	B	
	521.50				
Lt Grayish Brown Wet SILTY CLAY LOAM w/ Gastropod Shells			0		
			0	0.2	28
		-5	1	B	
			0		
Dk Gray Wet SILTY CLAY LOAM to LOAM			0	0.2	22
			0	B	
			0		
w/ Tan and Gray Weathered Crystalline Limestone ▽	515.00		2	0.1	22
		-10	36	B	
Gray Well Indurated Crystalline LIMESTONE Auger Refusal @ 10.5'	513.50		100 /3"		
		-15			
		-20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
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BORING 2

BORING LOGS
S.N. 034-2525

DESIGNED	KTH
CHECKED	ADL
DRAWN	KTH
CHECKED	ADL

SHEET NO. 5	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5 SHEETS	510	120 (B-4, B-5)	HANCOCK	80	41
			CONTRACT NO. 72A65		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Klingner & Associates P.C.

8/9/2010 7:33:32 AM

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