Illinois Department of Transportation

Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 6/6/02

ROUTE FAP 550 DESCRIPTION IL 99 Over Drainage Ditch 2± Mi. N. Of Camden Culvert Extension and Slope Failure Repair LOGGED BY M. Tappan

SECTION 11(RS-1,BI) LOCATION NE 1/4, SEC.6, TWP.2 N, RNG.3 W, 4 PM

COUNTY Schuyler DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 085-7029
Station 756+85

BORING NO. 1
Station 756+35
Offset 7.0ft Left
Ground Surface Elev. 527.5 ft

Surface Water Elev. No Data ft
Stream Bed Elev. No Data ft

Groundwater Elev.:
☑ First Encounter No Encounter ft
☑ Upon Completion Dry ft
☑ After ____ Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Bituminous Concrete	526.50		5		
Tan and Grey Dry Crushed Stone (Fill)	525.50		29 19		5
Grey and Brown Moist SANDY CLAY LOAM to CLAY LOAM (Fill)			1		
			1 2	0.5 B	15
		-5	0		
Grey and Brown Moist CLAY LOAM (Fill)			2 2	0.7 B	22
Reddish Brown Moist CLAY (Fill)	520.00		0		
			2 2	1.2 B	23
		-10	0		
w/ CLAY LOAM seams			2 3	1.3 B	21
Reddish Brown to Brown and Light Olive Grey Moist SILTY CLAY	515.00		0		
			2 4	1.6 B	22
Brown and Grey Moist CLAY LOAM (Fill) w/ CLAY seams	512.50	-15	0		
			2 2	1.0 B	21
			1		
			3 4	1.4 B	20
	507.50	-20			

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Greyish Brown Moist CLAY (Fill)			1		
			2 3	1.7 B	27
			0		
			1 2	0.7 B	31
		-25	0		
Grey Moist SILT LOAM	501.50		1 1	0.5 B	24
Dark Grey Moist SILTY CLAY w/ Angular Limestone Clasts	500.00		0		
			3 5	1.3 B	30
Light Blue Grey Moist Shaley CLAY Residuum	497.50	-30	0		
			3 5	2.6 B	20
Dark Grey Well Indurated Dry Calcareous SHALE	495.00		19		
Boring Completed	493.50		100 /2"		6
		-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\GINT FILES\SCHUYLER\IL 99 SL2.GPJ Data Template D6 TEMPLT.GDT Date Printed 3/24/10
Latitude Longitude Datum Job Number

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Date 6/7/02

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SECTION 11(RS-1,BI) LOCATION NE 1/4, SEC.6, TWP.2 N, RNG.3 W, 4 PM

COUNTY Schuyler DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 085-7029
Station 756+85

BORING NO. 2
Station 756+70
Offset 8.0ft Right
Ground Surface Elev. 527.0 ft

Surface Water Elev. No Data ft
Stream Bed Elev. No Data ft

Groundwater Elev.:
☑ First Encounter 493.0 ft
☑ Upon Completion 494.5 ft
☑ After ____ Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Bituminous Concrete	526.00				
Tan and Grey Dry Crushed Stone (Fill)	525.00		6		
Grey to Dark Grey Moist CLAY LOAM	524.00		21 10		3
Grey and Brown Moist CLAY LOAM (Fill)			1		
			2 1	0.5 B	16
		-5			
			0		
			1 2	0.6 B	26
	519.00				
Reddish Brown Moist CLAY (Fill)			1		
			2 3	1.1 B	23
		-10			
			1		
			2 3	0.6 B	25
	514.00				
Reddish Brown to Brown and Olive Grey Moist SILTY CLAY (Fill)			1		
			2 3	0.8 B	26
		-15			
			1		
Brown and Olive Grey			2 3	1.2 B	26
			1		
			2 3	1.0 B	21
		-20			

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Reddish Brown to Brown and Olive Grey Moist SILTY CLAY (Fill) *(continued)*			1		
Brownish Grey			3 3	1.4 B	28
			1		
			1 3	1.2 B	27
		-25			
			1		
			3 4	1.4 B	18
	499.00				
Olive Grey Moist SILTY CLAY w/ Angluar Limestone Clasts			2		
			3 6	1.7 B	20
		-30			
	496.50				
Dark Olive Grey V. Moist LOAM			1		
			2 2	0.5 B	20
	493.50				
Greyish Brown Dry Calcareous SHALE			6		
Free Water	492.50		100 /4"		14
		-35			
Auger Refusal at 35.0' - Grey Argilliceous LIMESTONE at Bottom					
		-40			

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