CONTRACT NO. 72829

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12; 11-3	*	729	469
STA.		TO STA.		
FED. ROAD DIST. NO. 5	ILLINOIS	FED. AID PROJECT		

* SANGAMON AND CHRISTIAN

Sheet 5 of 5 Sheets

Illinois Department of Transportation
Division of Highways
Illinois department of transportation

SOIL BORING LOG

Page 1 of 1

Date 2/3/05

ROUTE FAP 75 (IL 29) DESCRIPTION IL 29 Soil Survey LOGGED BY M. Tappan

SECTION 84-12; 11-3 LOCATION SW 1/4, SEC. 3, TWP. 14 N, RNG. 3 W, 3 PM

COUNTY Christian DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. None Assigned
Station N/A

BORING NO. 45
Station 1655+60
Offset 60.0ft Rt
Ground Surface Elev. 582.0 ft

Surface Water Elev. 579.5 ft
Stream Bed Elev. 579.0 ft

Groundwater Elev.:
First Encounter No Encounter ft
Upon Completion Plugged ft
After 40 Days Hrs. 578.0 ft

Description	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown and Gray Moist SILTY CLAY Ref Classification 46-1				
		0		
		1 / 2	0.7 / B	27
	-5	1		
		2 / 2	0.6 / B	31
Dark Gray		0		
	574.00	1 / 1	0.4 / B	34
Brown and Gray Moist Weathered LOAM (Till) w/ 3" Med Sandy Gravel Seam Ref Classification 46-4	-10	1		
		2 / 2	0.9 / B	14
Gray Moist LOAM (Till)		3		
		15 / 22	5.2 / B	8
	-15	2		
		18 / 26	5.6 / S-10	8
Gray Moist Weathered LOAM (Till) w/ Limestone Cobble		3		
		59 / 41 / /5"	7.0 / S-11	7
	-20	8		

Description	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Brown and Gray Moist Weathered LOAM (Till) w/ 3" Med Sandy Gravel Seam Ref Classification 46-4 (continued)		15 / 28	6.1 / S-8	8
Gray and Brown Dry LOAM (Till)	557.00 -25	12		
		28 / 42	10 / S-12	10
	-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:\DOS\GINT FILES\LCS SANGAMON-CHRISTIAN\84-12&11-3 SANGAMON SECTION.GPJ / Rods Template ENTERPRISE.GDT Date Printed 3/12/12
Latitude 39 Deg 51.00? N Longitude 89 Deg 25.33? W Datum NAD83 Job Number

Illinois Department of Transportation
Division of Highways
Illinois department of transportation

SOIL BORING LOG

Page 1 of 1

Date 2/2/05

ROUTE FAP 75 (IL 29) DESCRIPTION IL 29 Soil Survey LOGGED BY M. Tappan

SECTION 84-12; 11-3 LOCATION SW 1/4, SEC. 3, TWP. 14 N, RNG. 3 W, 3 PM

COUNTY Christian DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. None Assigned
Station N/A

BORING NO. 46
Station 1656+50
Offset 22.0ft Lt
Ground Surface Elev. 581.6 ft

Surface Water Elev. 579.5 ft
Stream Bed Elev. 579.0 ft

Groundwater Elev.:
First Encounter 572.6 ft
Upon Completion 569.6 ft
After 40 Days Hrs. 573.6 ft

Description	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Very Dark Gray to Gray and Brown Moist SILTY CLAY CLASSIFICATION 46-1				
		1		
	578.60	1 / 3	1.2 / B	23
Brown and Light Gray Moist Weathered CLAY LOAM (Till) CLASSIFICATION 46-2	-5	3		
		3 / 4	1.5 / B	21
	575.60			
Tan and Light Gray Moist Weathered LOAM (Till) CLASSIFICATION 46-3		0		
	▼573.60	3 / 3	1.1 / B	19
Gray Med to Coarse Sandy Gravel Free Water	-10	0		
		4 / 6		
	570.60			
Light Blue Gray Moist LOAM (Till) CLASSIFICATION 46-4		2		
		12 / 13	5.2 / S-12	9
	-15	1		
		15 / 19	7.3 / S-10	9
Gray		5		
		25 / 30	10	8
	-20	17		

Description	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Light Blue Gray Moist LOAM (Till) CLASSIFICATION 46-4 (continued)		34 / 27	10	9
	556.60 -25	3		
		15 / 17	6.1 / S-14	9
	-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
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Latitude 39 Deg 51.00? N Longitude 89 Deg 25.50? W Datum NAD83 Job Number

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORINGS
PROPOSED STRUCTURE NO. 011-7053

SCALE: NONE DRAWN BY: GLD
DATE: 03/06/2012 CHECKED BY: WLB

GPE
I:\idot\030660\draw\sheets\structures\BORINGS_I656+34.34.dgn
3/6/2012