

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 714	*	CHRISTIAN	94	64
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
			* D-6 IL 48 IMPROVEMENT 2006	

SHEET NO. 8
OF 8 SHEETS



SOIL BORING LOG

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Date 12/20/05

ROUTE FAP 714 (IL-48) DESCRIPTION IL 48 over Trib. to Buckhart Creek LOGGED BY M. Tappan

SECTION D-6 IL 48 Improvement LOCATION SE 1/4, SEC. 22, TWP. 14 N, RNG. 1 W, 3 PM

COUNTY Christian DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 011-2512	D E L C U M	Surface Water Elev. 606.7 ft	D E L C U M
Station 3+01	P O S I	Stream Bed Elev. 606.7 ft	P O S I
BORING NO. 2512-1W	T W S	Groundwater Elev.: 595.9 ft	T W S
Station 2+63	H S Qu T	First Encounter	H S Qu T
Offset 26.0ft LT		Upon Completion	
Ground Surface Elev. 608.9 ft	(ft) /6" (tsf) (%)	After 72 Hrs. 602.4 ft	(ft) /6" (tsf) (%)

Very Dark Gray Moist SILTY CLAY	1			Gray Moist CLAY LOAM (Till) (continued)	7		
	3	1.0	26		21	+10.0	8
	4	P			29	S-10	
	1				5		
Tan and Dark Gray Moist	3	1.4	21	Interbedded with SILT Seams	17	9.1	16
	3	B		584.40	27	S-10	
	-5			Boring Completed	-25		
	1			Washed Augers			
Tan and Gray Moist SILTY CLAY	2	0.6	27				
601.40	2	B					
Gray V. Moist LOAM to SAND LOAM	1						
	2	0.5	20				
	1	B					
	-10				-30		
	0						
	0	0.3	19				
596.40	2	B					
Gray Wet Medium SAND	1						
	3						
	4						
	-15				-35		
593.40	0						
Gray Moist CLAY LOAM (Till)	3	2.1	10				
	6	B					
	5						
	16	+10.0	8				
	28	S-9					
	-20				-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 Sealing
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 LOG

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Date 12/20/05

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COUNTY Christian DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 011-2512	D E L C U M	Surface Water Elev. 606.7 ft	D E L C U M
Station 3+01	P O S I	Stream Bed Elev. 606.7 ft	P O S I
BORING NO. 2512-2E	T W S	Groundwater Elev.: 599.4 ft	T W S
Station 3+39	H S Qu T	First Encounter	H S Qu T
Offset 32.0ft RT		Upon Completion	
Ground Surface Elev. 608.4 ft	(ft) /6" (tsf) (%)	After 72 Hrs. 601.4 ft	(ft) /6" (tsf) (%)

Dark Gray Moist SILTY CLAY	1			Gray Moist CLAY LOAM (Till) (continued)	7		
	2	1.2	25		21	+10.0	8
	3	B			29	S-10	
	1				5		
Tan and Dark Gray Moist	1	0.7	28	Interbedded with SILT Seam	17	9.1	16
	1	B		583.40	27	S-10	
	-5			Boring Completed	-25		
	0			Refer STA, Elevation to cL of Existing Structure			
Dark Gray V. Moist	1	0.3	26	cL = 6121.4', STA 3+01, Increase to North			
600.40	1	B					
Gray Wet LOAM to SAND LOAM	0						
	0	0.2	19				
	-10	B			-30		
	0						
Gray Fine to Medium SAND	0						
	2						
	7						
	1						
Gray Medium to Coarse Sand	3						
Washed	5						
	-15				-35		
592.90	2						
Gray Moist CLAY LOAM (Till)	11	6.8	9				
Washed	19	S-12					
	7						
	26	+10.0	8				
	40	S-11					
	-20				-40		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
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BORINGS
IL. ROUTE 48 OVER
TRIBUTARY TO BUCKHART CREEK
F.A.P. ROUTE 714 - SECTION
D-6 IL 48 IMPROVEMENT 2006
CHRISTIAN COUNTY
STA. 3+01.00
S.N. 011-2512