

72938

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 714	134B	CHRISTIAN	23	22
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. 9
OF 10 SHEETS



SOIL BORING LOG

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ROUTE FAP 714 (IL 48) DESCRIPTION IL 48 over Buckhart Creek LOGGED BY M. Tappan Date 8/13/2004 12/02/04

SECTION 134B LOCATION SW 1/4, SEC. 22, TWP. 14 N, RNG. 1 W, 3 PM

COUNTY Christian DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.	DEPT	B	U	M	Surface Water Elev.	DEPT	B	U	M
Station	H	L	C	O		H	L	C	O
	T	S	S	I		T	S	S	I
	W	Qu	Ou	T		W	Qu	Ou	T
BORING NO.	1 SE WW				Groundwater Elev.:	(ft)	B ^{6"}	(tsf)	(%)
Station	432+06				γ First Encounter				
Offset	33.00ft Rt				γ Upon Completion				
Ground Surface Elev.	607.9	ft			γ After	Hrs.			
607.9					605.7				
					605.7				
Brown and Grey Moist SILTY CLAY									
					595.9				
1									
2									
2	0.7		24						
2		B							
600.90									
Brown and Grey V. Moist LOAM									
1	0.2		23						
1		B							
599.40									
Grey Wet SAND LOAM									
1									
2									
6	0.1		21						
1		B							
596.90									
Grey Clean Fine to Medium Grained SAND Free Water									
1									
2									
6									
593.90									
Grey Moist CLAY LOAM (Till)									
2									
12	7.8		7						
17		S-8							
4									
18	8.9		8						
28		S-10							
17									
45	9.2		8						

SOIL BORING 011200204 IL 48 OVER BUCKHART CREEK CHRY. DISTRICT DOT 11206
Label: 39 Day 30 1481N Longitude 89 155 11 311 W 114026

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

Page 2 of 2

ROUTE FAP 714 (IL 48) DESCRIPTION IL 48 over Buckhart Creek LOGGED BY M. Tappan Date 8/13/2004 12/02/04

SECTION 134B LOCATION SW 1/4, SEC. 22, TWP. 14 N, RNG. 1 W, 3 PM

COUNTY Christian DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.	DEPT	B	U	M	Surface Water Elev.	DEPT	B	U	M
Station	H	L	C	O		H	L	C	O
	T	S	S	I		T	S	S	I
	W	Qu	Ou	T		W	Qu	Ou	T
BORING NO.	1 SE WW				Groundwater Elev.:	(ft)	B ^{6"}	(tsf)	(%)
Station	432+06				γ First Encounter				
Offset	33.00ft Rt				γ Upon Completion				
Ground Surface Elev.	607.9	ft			γ After	Hrs.			
607.9					605.7				
					605.7				
Grey Moist CLAY LOAM (Till)									
15"									
10									
16	6.0		9						
25		B							
48									
19	7.2		10						
32		B							
9									
19									
32									
566.90									
Grey Fine Grained Clean SAND Washed									
3									
5									
29									
551.90									
CLAY LOAM (Till)									
8									
36	7.7		10						
64		S-14							
527.90									
Tannish Grey Moist w/ 4" Reddish Brown Medium Grained SAND Seam, Washed									

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BBS, from 137 (Rev. 8-99)

BORINGS
IL. ROUTE 48 OVER BUCKHART CREEK
F.A.P. ROUTE 714 - SECTION 134B
CHRISTIAN COUNTY
STA. 432+32
S.N. 011-2505