



Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 2

Date 12/19/12

ROUTE RT 48 DESCRIPTION IL 48 over Bear Creek LOGGED BY M. Tappan

SECTION 4 (I); 136B-1 LOCATION SE 1/4, SEC. 33, TWP. 12N, RNG. 3W, 3 PM

COUNTY Christian Co. DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	E	L	C	O	Stream Bed Elev.	E	L	C	O
BORING NO.	P	O	S	I	Groundwater Elev.:	P	O	S	I
Station	T	W	Qu	T	First Encounter	H	W	Qu	T
Offset	H	S			Upon Completion	(ft)	/6"	(tsf)	(%)
Ground Surface Elev.	(ft)	/6"	(tsf)	(%)	After	Hrs.	Plugged	ft	(ft)
011-0514 627+01					584.0				
4 N. Abut 628+10 14.0ft RT 606.0					582.0				
Gray and Brown Moist SILTY CLAY (Fill)					582.50				
	1								
	2	1.4	23						
	4	B							
Gray and Brown Moist SILTY CLAY (Fill)					582.50				
	1								
	2	1.6	19						
	4	B							
Gray and Brown Moist SILTY CLAY (Fill)					577.00				
	1								
	2	1.5	23						
	2	B							
Gray and Brown Moist SILTY CLAY (Fill)					577.00				
	1								
	2	1.9	19						
	4	B							
Gray and Brown Moist SILTY CLAY (Fill)					569.50				
	1								
	1	.80	23						
	2	B							
Gray Fine SANDY GRAVEL Washed					569.50				
	1								
	1	1.4	23						
	3	B							
Gray Moist Poorly Indurated Clayey SHALE					556.00				
	1								
	3	1.4	32						
	3	B							
Washed									
	0								
	2	.80	30						

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:\SOILSIGINT FILES\CHRISTIAN\011-0514 BEAR CREEK.GPJ Data Template: D:\TEMP\PLT.DOT Date Printed: 3/19/13
Latitude: 39.26515N Longitude: 89.26511W Datum: NAD83 Job Number: 048-633-08

Note:
N. Abut. in Boring Logs refers to E. Abut. in plans.



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Page 2 of 2

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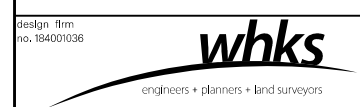
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Station	E	L	C	O	Stream Bed Elev.	E	L	C	O
BORING NO.	P	O	S	I	Groundwater Elev.:	P	O	S	I
Station	T	W	Qu	T	First Encounter	H	W	Qu	T
Offset	H	S			Upon Completion	(ft)	/6"	(tsf)	(%)
Ground Surface Elev.	(ft)	/6"	(tsf)	(%)	After	Hrs.	Plugged	ft	(ft)
011-0514 627+01					584.0				
4 N. Abut 628+10 14.0ft RT 606.0					582.0				
Gray Moist Poorly Indurated Clayey SHALE (continued)					582.50				
Gray Dry Moderately Indurated Calcareous SANDY SHALE					577.00				
Gray Dirty Fine SAND					569.50				
Gray Fine SANDY GRAVEL Washed					556.00				
Gray Moist Poorly Indurated Clayey SHALE									
Washed									
Boring Completed									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
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USER NAME = *OPERATOR*	DESIGNED - TJZ	REVISED
FILE NAME = 0110514-72A61.dgn	CHECKED - CWC	REVISED
PLOT SCALE = 0:2.0000" = 1'	DRAWN - DLH	REVISED
PLOT DATE = 8/16/2013	CHECKED - TJZ	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 011-0514
SHEET NO. 25 OF 31 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(4); 136B-1	CHRISTIAN	97	65
• 75 (IL 27) & 714 (IL 48)			CONTRACT NO. 72A61	

ILLINOIS FED. AID PROJECT