



ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation
Boring Log
Sheet 1 of 1

Route: FAP 778 (IL 34) Over ditch Structure Number: 076-2005 Date: 11/15/2007

Section: _____ Bored By: R Moberly

County: Pope Location: 1 mi S of Saline Co. Checked By: R Moberly

Boring No 1-S	D E P T H	B L O W S	Qu tsf	W%	Surf Wat Elev: 426.0				
					Ground Water Elevation	when Drilling	At Completion	At:	Hrs:
Station 22' N ctr ex box					423.1				
Offset 9' E CL									
Ground Surface	433.0 Ft								
Asphalt and Concrete									
	431.0								
Medium, very moist, brown, Silty Clay Loam A-4		1	0.8E	19					
		3							
	428.5								
Loose, moist, brown, Broken Sandstone Gravel		5.0	2						
		5							
		2							
	426.0								
Medium, moist, brown, Broken Sandstone Gravel		3							
		7							
		7							
	423.5								
Medium, wet, brown, Broken Sandstone Gravel		10.0	4						
		11							
		11							
	421.0								
Medium, moist, brown, Broken Sandstone Gravel with Clay Shale		12							
		12							
		17							
	418.0	15.0	13						
Hard, damp to dry, grey, Clay Shale			100/8"						
			100/8"						
	414.0								
Very dense, dry, brown, Sandstone		413.0	20.0	100/2"					
Bottom of hole = 19.7 feet									
	25.0								

Bottom of hole = 19.7 feet

Free water observed at 10.0 feet

Elevation referenced to BM 200 at SW headwall; Elev = 432.7 ft

To convert "N" values to "N60" values multiply by 1.25

N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

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Section: _____ Bored By: R Moberly

County: Pope Location: 1 mi S of Saline Co. Checked By: R Moberly

Boring No 2-S	D E P T H	B L O W S	Qu tsf	W%	Surf Wat Elev: 426.0				
					Ground Water Elevation	when Drilling	At Completion	At:	Hrs:
Station 22' S ctr ex box					422.8				
Offset 9' W CL									
Ground Surface	432.8 Ft								
Asphalt and Concrete									
	430.8								
Very loose, very moist, brown, Broken Sandstone Gravel with Clay layers		1							
		2							
		2							
	428.3								
Loose, very moist, brown, Broken Sandstone Gravel with Clay layers		5.0	3						
		4							
		4							
	425.8								
Medium, moist, brown, Broken Sandstone		3							
		8							
		11							
	423.3								
Medium, very moist, brown, Broken Sandstone		10.0	4						
		9							
		11							
	419.8								
Hard, damp to dry, grey, Weathered Clay Shale			100/3"						
			100/2"						
	418.3								
Very dense, dry, reddish brown, Sandstone		15.0	100/3"						
	413.3								
Hard, dry, grey Clay Shale		412.8	20.0	100/6"					
Bottom of hole = 20.0 feet									
	25.0								

Bottom of hole = 20.0 feet

Free water observed at 10.0 feet

Elevation referenced to BM 200 @ SW headwall; Elev = 432.7 ft

To convert "N" values to "N60" values multiply by 1.25

N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

△ REVISED SHEET 4/19/11

FILE NAME = 0762007-98854-07-Soil.dgn	USER NAME = RJT	DESIGNED - MTD 06/10	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS STRUCTURE NO. 076-2007	F.A.P. RTE. 778	SECTION 3B-2	COUNTY POPE	TOTAL SHEETS 50	SHEET NO. 27
PLOT SCALE = 0.1" = 1' / IN.				DRAWN - DWH 07/10		CONTRACT NO. 98854		ILLINOIS FED. AID PROJECT AID		
PLOT DATE = 4/18/2011 9:31:09 AM				CHECKED - MTD 12/10		SHEET NO. 7 OF 7 SHEETS		ENTIRE SHEET REVISED 04/18/2011 - MTD		