

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation
Boring Log

Wolf Creek Road Over RFD 331 (IL 13) Sheet 1 of 1
 Route: RFD 331 (IL 13) Structure Number: Date: 11/15/2010
 Section: (1-3JR-2...) Bored By: R MOBILEY
 County: WILLIAMSON Location: Intersection of IL 13 and Wolf Creek Checked By: R GRIFF

Boring No 3-S Station 521+3.1 Offset 125' R. CL MBL Ground Surface 454.37ft	D E P T ft	B L O W S	C u tsf	W %	Surf Wet Elev: Ground Water Elevation when Drilling 424.8 At Completion At: Hrs:	D E P T ft	B L O W S	C u tsf	W %
Asphalt and Crushed Aggregate 452.8					Very stiff, moist, brown mottled grey, Clay A7-6				
Stiff, moist, brown mottled grey, Silty Clay to Clay A7-6 449.8		3 3 4	1.7B	24					
Very stiff, moist, grey mottled brown, Silty Clay A-6 447.3	5.0	2 4 4	2.3B	18	Very stiff, moist to damp, grey mottled brown Clay A7-6 to Weathered Clay Shale	30.0	4 14 25		17
Stiff, damp, brown, Silty Clay Loam A-4 with Crystals 444.8		4 6 7	1.4B	13	Hard dry, grey, Clay Shale		10.0/3'		
Stiff, moist to very moist, grey, Silt Loam to Silty Clay Loam A-4 442.0	10.0	3 2 3	1.1B	23	XXXXXXXXXXXXXXXXXXXXXXXXXXXX Free water observed at 20.5 feet	35.0	10.0/3'		
Very stiff, moist, grey mottled brown, Silty Clay A7-6 438.8		1 3 3	2.3B	23	Elevation referenced to BM 12 @ culvert; Elevation = 445.7 feet Bore hole advanced with hollow stem auger (8" O.D., 3.25" I.D.)				
Stiff, moist, grey mottled brown, Silty Clay A7-6 437.3	15.0	1 2 2	1.4B	20	To convert "N" values to "NG"	40.0	10.0/3'		
Stiff, moist, brown mottled grey, Clay to Silty Clay A7-6 434.8		2 3 4	1.8B	23	Hard, dry, grey, Clay Shale				
Stiff moist, brown mottled grey, Clay A7-6 432.3	20.0	2 4 5	1.6B	21	Bottom of hole = 44.7 feet	409.3	45.0	10.0/2'	
Very stiff, moist, brown mottled grey, Clay A7-6 25.0		2 4	2.7B	20					

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