



Illinois Department of Transportation
 Division of Highways
 SCI Engineering, Inc.
 FAS Route 1380
 (IL RTE 91)

SOIL BORING LOG

Date 10/12/11

ROUTE (IL RTE 91) DESCRIPTION Retaining Wall Boring - IL 91 LOGGED BY SCI (CNC)
 SECTION 7W-1, RS-3 LOCATION NW 1/4 of the NW 1/4, SEC. 14, TWP. 10N, RNG. 7E, 4th PM.
 COUNTY Peoria DRILLING METHOD PUSH HAMMER TYPE N/A

STRUCT. NO.	Station	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
N/A	N/A	(ft)	(/6")	(tsf)	(%)	N/A	N/A	N/A	N/A	N/A	N/A
FILL: Brown and gray, clay [A-6]											
				0.8 B/15	21						
	720.5			1.2 S/15	31						
FILL: Dark brown and gray, clay [A-7]											
	719.0			1.4 S/10	25						
CLAY: Brown [A-7]											
	717.5	-5		1.3 P	16						
				1.6 S/10	27						
Boring terminated at 6.0 ft.											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)



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 SECTION 7W-1, RS-3 LOCATION NW 1/4 of the NW 1/4, SEC. 14, TWP. 10N, RNG. 7E, 4th PM.
 COUNTY Peoria DRILLING METHOD CME 55 with HSA HAMMER TYPE N/A

STRUCT. NO.	Station	D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
N/A	N/A	(ft)	(/6")	(tsf)	(%)	N/A	N/A	N/A	N/A	N/A	N/A
FILL: Brown and gray, clay, with crushed rock [A-6]											
			2								
			2	1.3 B/15	21						
			4								
	720.5										
CLAY: Brown, with iron stains, trace sand [A-7]											
	719.0		2	2.5 S/15	29						
		-5									
	718.5										
SILTY LOAM: Brown and gray [A-4] LL: 30 PI: 7											
			1	0.5 B/15	26						
			1								
			1	0.8 B/15	22						
		-10									
	714.5										
Boring terminated at 10.0 ft.											

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