



SOIL BORING LOG

SCI No. 2004-3089.51

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Date 10/08/12

ROUTE FAP 312 DESCRIPTION Waterloo Bypass - Noise Wall Boring LOGGED BY SCI (JAS)
SECTION 68-WRS-1 LOCATION SE 1/4 of the SW 1/4, SEC. 25, TWP. 2S, RNG. 10W
COUNTY Monroe DRILLING METHOD CME 55 w/HSA HAMMER TYPE Automatic

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.
N/A	N/A					N/A ft	N/A ft
BORING NO.	Station					Groundwater Elev.:	
B-219	2039+53					First Encounter	NONE ft
	Offset					Upon Completion	NONE ft
	42 ft RT					After -- Hrs.	N/A ft
	Ground Surface Elev.						
	637.0 ft	(ft)	(/6")	(tsf)	(%)		
FILL: Dark brown, silty clay, trace crushed rock [A-6] 636.0							
SILTY CLAY: Brown, trace fine sand [A-4]							
		3	1.4	21			
		4	S/15				
		6					
		2	1.6	21			
		3	S/15				
		4					
		-5					
CLAY: Reddish brown, trace sand and gravel [A-7] 630.8							
		3	4.3	20			
		3	P				
		5					
		2	1.6	53			
		3	B				
		5					
		-10					
Boring terminated at 10.0 ft. 627.0							
		-15					
		-20					

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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N/A	N/A					N/A ft	N/A ft
BORING NO.	Station					Groundwater Elev.:	
B-220	2040+32					First Encounter	NONE ft
	Offset					Upon Completion	NONE ft
	45 ft RT					After -- Hrs.	N/A ft
	Ground Surface Elev.						
	635.4 ft	(ft)	(/6")	(tsf)	(%)		
FILL: Brown, silty clay, with roots, trace gravel and crushed rock [A-4] 634.9							
FILL: Brown and gray, clay, trace roots [A-7]							
		3	2.4	25			
		4	S/20				
		9					
SILT: Gray and brown, trace sand and roots [A-4] 632.4							
		7	>4.5	12			
		14	P				
		-5					
		5	>4.5	15			
		7	P				
		8					
With iron stains							
Trace gravel 626.4							
CLAY: Brown, trace sand and gravel [A-7]							
		4	5.0	22			
		7	S/10				
		-10					
SHALEY CLAY: Brown, trace sand, gravel, and limestone fragments [A-7] 624.9							
		3	2.8	34			
		7	S/5				
		5					
CLAY: Gray, trace sand [A-7] 622.4							
1.5-inch sand layer 621.3							
LIMESTONE FRAGMENTS 621.2							
Sampler refusal at 14.3 ft. -15							
		-15					
		-20					

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LAST SAVED = 1/23/2013 12:01:56 PM
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FILE NAME =	USER NAME = elagemann	DESIGNED E.M. Lagemann	REVISED -
I:\1001100\Phase II - 76817\Cad\S\Plans\NoiseWall-76817.dgn		DRAWN E.M. Lagemann	REVISED -
	PLOT SCALE = 0:2.0000 '1' = 1 in.	CHECKED K.L. Hayes	REVISED -
	PLOT DATE = 1/23/2013 12:01:56 PM	DATE 12/14/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



BORING LOGS
NOISEWALL

SCALE: SHEET NO. 9 OF 10 SHEETS STA. 2032+00.00 TO STA. 2041+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	68-WRS-1	MONROE	760	461
CONTRACT NO. 76817				
ILLINOIS FED. AID PROJECT				