



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 SW 1/4 of the SE 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 (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After -- Hrs.
N/A	N/A					N/A ft	N/A ft				
B-217	2038+04							NONE ft	NONE ft	NONE ft	N/A ft
	43 ft RT										
	Ground Surface Elev. 636.7										
FILL: Dark brown, silty clay, trace crushed rock [A-4] 635.7											
	SILT: Brown, trace fine sand and roots [A-4]	3	>4.5	11							
		7	P								
		7									
		3									
		5	2.9	12							
		6	S/5								
		-5									
631.2											
CLAY: Reddish brown, trace sand and gravel [A-7]											
		4									
		4	3.2	39							
		7	S/5								
Rough drilling at 7.5 ft.											
With limestone fragments											
		2									
		10	1.1	45							
		-10	S/10								
626.9											
Boring terminated at 9.8 ft.											
		-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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Date 10/05/12

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 (ft)	B L O W S (/6")	U C S Qu (tsf)	M O I S T (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After -- Hrs.
N/A	N/A					N/A ft	N/A ft				
B-218	2038+80							NONE ft	NONE ft	NONE ft	N/A ft
	45 ft RT										
	Ground Surface Elev. 638.1										
FILL: Brown, silt, trace crushed rock [A-4] 637.1											
	SILT: Brown [A-4]	6	>4.5	12							
		8	P								
		11									
		5									
		6	>4.5	13							
		7	P								
		-5									
631.1											
CLAY: Reddish brown, trace sand [A-7]											
		4	3.9	17							
		5	S/15								
		5	4.5	18							
			P								
628.6											
SAND: Brown [A-2]											
		4	3.8	46							
		5	S/10								
628.1											
Boring terminated at 10.0 ft.											
		-10									
		-15									
		-20									

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LAST SAVED = 1/23/2013 12:01:42 PM
PEN TABLE = 1/23/2013 12:01:42 PM
PLOT DRIVER = pdfplotlayers.dwt

FILE NAME =	USER NAME = elagemann	DESIGNED <i>E.M. Lagemann</i>	REVISED -
I:\1001100\Phase II - 76817\Cad\S\Plans\Noise\11-76817.dgn		DRAWN <i>E.M. Lagemann</i>	REVISED -
		CHECKED <i>K.L. Hayes</i>	REVISED -
		DATE <i>12/14/12</i>	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



BORING LOGS
NOISEWALL

SCALE: SHEET NO. 8 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	460
CONTRACT NO. 76817			ILLINOIS FED. AID PROJECT	