SCI Engineering, Inc.
650 Pierce Boulevard
O'Fallon, Illinois 62269

SOIL BORING LOG

SCI No. 2004-3089.51
Page 1 of 1
Date 10/09/12

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. N/A
Station N/A

BORING NO. B-211
Station 2033+52
Offset 44 ft RT
Ground Surface Elev. 631.5 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter NONE ft
Upon Completion NONE ft
After -- **Hrs.** N/A ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
FILL: Dark brown, silty clay, trace crushed rock [A-6]	631.0				
SILTY CLAY: Gray, with iron stains, trace fine sand and roots [A-6]			2 3 4	1.5 S/15	24
			1 3 3	1.0 B	24
		-5			
Trace iron nodules			1 3 3	1.2 B	24
CLAY: Gray, trace fine sand and iron nodules [A-7]	623.5		2 4 6	3.9 B	21
	621.5	-10			
Boring terminated at 10.0 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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Page 1 of 1
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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. N/A
Station N/A

BORING NO. B-212
Station 2034+30
Offset 44 ft RT
Ground Surface Elev. 632.3 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter NONE ft
Upon Completion NONE ft
After -- **Hrs.** N/A ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
FILL: Dark brown, silty clay, trace crushed rock [A-6]	631.8				
SILTY CLAY: Gray, with iron nodules, trace fine sand [A-4]			2 6 7	4.5 P	19
			2 3 3	0.9 S/15	23
		-5			
	626.3				
CLAY: Gray, trace fine sand and iron nodules [A-7]			2 3 3	1.9 B	20
			2 3 4	2.4 B	22
		-10			
With iron stains, trace roots			2 4 5	2.3 S/15	24
			2 3 4	2.7 B	21
	617.3	-15			
Boring terminated at 15.0 ft.					
		-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)

LAST SAVED = 1/23/2013
PEN TABLE = VB:Half.tbl
PLOT DRIVER = pdfNOLAYERSbw.pltcfg

FILE NAME = I:\1001100_Phase II - 76817\Cad\S_Plans\Noisewall-76817.dgn	USER NAME = elagemann	DESIGNED E.M. Lagemann	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORNER & SHIFRIN, INC. ENGINEERS
	PLOT SCALE = 0:2.0000 ':' / in.	DRAWN E.M. Lagemann	REVISED -		
	PLOT DATE = 1/23/2013 12:00:57 PM	CHECKED K.L. Hayes	REVISED -		
		DATE 12/14/12	REVISED -		SCALE:

BORING LOGS
NOISEWALL

SHEET NO. 5 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	457

CONTRACT NO. 76817
ILLINOIS FED. AID PROJECT