



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.	<u>N/A</u>				Surface Water Elev.	<u>N/A ft</u>			
Station	<u>N/A</u>				Stream Bed Elev.	<u>N/A ft</u>			
BORING NO.	<u>B-221</u>				Groundwater Elev.:				
Station	<u>2041+06</u>				First Encounter	<u>NONE ft</u>			
Offset	<u>49 ft RT</u>				Upon Completion	<u>NONE ft</u>			
Ground Surface Elev.	<u>633.3 ft</u>				After -- Hrs.	<u>N/A ft</u>			

DEPTH (ft)	BLOWS (6")	UCS (tsf)	MOIST (%)	Remarks
632.3	3			FILL: Dark brown, silty clay, with roots, trace crushed rock and cinders
[A-6]	3	3.0 P	30	
630.3	3			SILTY CLAY: Gray, with iron stains, trace fine sand
[A-6]				
	2	0.4 B	27	SILT: Gray, with iron stains and sand, trace organics
	2			[A-4]
	2			Trace fine sand and iron nodules
	3	0.6 S/15	24	
625.3	3			CLAY: Gray, trace fine sand and iron nodules
[A-7]	3	1.7 B	23	
623.3	3			Boring terminated at 10.0 ft.
-10				
-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)

LAST SAVED = 1/23/2013
 PEN TABLE = W634140
 PLOT DRIVER = pdfNOCLAYERS%21.tif

FILE NAME =	USER NAME = elagemann	DESIGNED <i>E.M. Lagemann</i>	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORNER & SHIRIN, INC. ENGINEERS	BORING LOGS NOISEWALL		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1:10001100 - Phase II - 76817\Cad\5 - Plans	NoiseWall-76817.dgn	DRAWN <i>E.M. Lagemann</i>	REVISED -					312	68-WRS-1	MONROE	760	462
PLOT SCALE = 0:2.0000 '1' = 1 in.	CHECKED <i>K.L. Hayes</i>	REVISIED -						CONTRACT NO. 76817				
PLOT DATE = 1/23/2013 12:02:11 PM	DATE <i>12/14/12</i>	REVISED -						ILLINOIS FED. AID PROJECT				
SCALE:				SHEET NO. 10 OF 10 SHEETS	STA. 2032+00.00 TO STA. 2041+00.00							