



# SOIL BORING LOG

SCI No. 2004-3089.51

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Date 10/03/12

ROUTE FAP 312 DESCRIPTION Waterloo Bypass - Signal Boring LOGGED BY SCI (JAS)

SECTION 68-WRS-1 LOCATION NW 1/4 of the NW 1/4, SEC. 25, TWP. 2S, RNG. 10W

COUNTY Monroe DRILLING METHOD CME 55 w/HSA HAMMER TYPE Automatic

STRUCT. NO.	N/A	D	B	U	M	Surface Water Elev.	N/A ft
Station	N/A	E	L	C	O	Stream Bed Elev.	N/A ft
BORING NO.	B-226	P	O	S	I	Groundwater Elev.:	
Station	2084+00	T	W	S	S	First Encounter	614.5 ft ▼
Offset	36 ft RT	H	S	Qu	T	Upon Completion	NONE ft
Ground Surface Elev.	626.2 ft	(ft)	(/6")	(tsf)	(%)	After -- Hrs.	N/A ft
FILL: Brown, silt, with roots, trace cinders [A-4] 625.2							
CLAY: Gray and brown, trace sand [A-7]		1	2.0	25			
Trace sandstone fragments		2	2.4	21			
With iron nodules, trace gravel		2	2.5	26			
SHALEY CLAY: Brown and gray, trace sand and gravel [A-7]	617.0	2	3.3	19			
2-inch layer of calcareous sandstone with chert nodules		1	2.8	25			
Auger refusal at 13.0 feet; sampler refusal at 13.3 ft.	613.0	50/3"		2			

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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STRUCT. NO.	N/A	D	B	U	M	Surface Water Elev.	N/A ft
Station	N/A	E	L	C	O	Stream Bed Elev.	N/A ft
BORING NO.	B-227	P	O	S	I	Groundwater Elev.:	
Station	2084+19	T	W	S	S	First Encounter	611.9 ft ▼
Offset	58 ft LT	H	S	Qu	T	Upon Completion	610.6 ft ▼
Ground Surface Elev.	631.1 ft	(ft)	(/6")	(tsf)	(%)	After 0.25 Hrs.	614.6 ft ▼
FILL: Brown, silty clay, with roots and crushed rock [A-6] 630.1							
CLAY: Gray, with iron nodules, trace fine sand [A-7]		2	7.6	18			
SILTY CLAY: Gray, trace iron nodules and fine sand [A-6]	628.1	2	2.5	24			
CLAY: Gray, with iron stains [A-7]	623.1	1	2.5	22			
Trace sand		2	2.5	23			
Trace gravel		2	2.3	22			
Becomes brown		1	1.5	22			
SHALEY CLAY: Brown, with sandstone fragments [A-7]	613.1	1	0.5	24			

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 11:24:41 AM  
 PEN TABLE = V6-2441-A1  
 PLOT DRIVER = pdfNCLAYERS%2012.ctb

FILE NAME =	USER NAME = beriechmann	DESIGNED -	REVISED -
I:\1001100\Phase II - 76817\Cad\T\Plans\265_0876817-sht-ts-illinois-06.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 1/25/2013 3:34:12 PM		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



TRAFFIC SIGNAL DETAILS  
BORING LOGS - FAP 312 (IL ROUTE 3) & ILLINOIS AVENUE  
SCALE: NONE SHEET NO. 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	68-WRS-1	MONROE	760	404
CONTRACT NO. 76817				
ILLINOIS FED. AID PROJECT				