



SOIL BORING LOG

SCI No. 2004-3089.51
 Page 1 of 1
 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	D	B	U	M	
Station	N/A	E	L	C	O	Stream Bed Elev.	N/A ft	E	L	C	O	
BORING NO.	B-224	P	O	S	I	Groundwater Elev.:		H	S	Q	T	
Station	2083+10	T	W		S	First Encounter	610.6 ft	S				
Offset	61 ft LT	H	S	Qu	T	Upon Completion	612.1 ft		(ft)	(/6")	(tsf)	(%)
Ground Surface Elev.	631.3 ft					After 0.25 Hrs.	614.8 ft					
FILL: Brown, silty clay, trace crushed rock and roots [A-6]	630.3					CLAY: Gray, with iron stains, trace sand [A-7] (continued)	609.9	2	2	1.9	25	
CLAY: Gray, with iron stains [A-7]		3	2.5	22		With sandstone and shale fragments						
		4	B			Sampler refusal at 21.4 ft.						
		9	>4.5	16								
			P									
SILTY CLAY: Gray, with iron stains, trace fine sand [A-4]	628.3											
		2	2.1	24								
		3	S/15									
		4										
		-5										
SILTY CLAY: Gray, with iron stains, trace gravel [A-6]	625.8											
		1	1.9	23								
		3	S/20									
		5										
CLAY: Gray, with iron stains, trace sand [A-7]	623.3											
		2	2.9	22								
		4	S/20									
		4										
		-10										
Trace gravel		1	3.5	22								
		3	B									
		4										
Becomes brown and gray		1	3.2	22								
		3	B									
		4										
		-15										
Trace sandstone fragments		2	2.9	19								
		3	B									
		5										
		1	2.6	20								
		3	B									
		5										
		-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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STRUCT. NO.	N/A	D	B	U	M	Surface Water Elev.	N/A ft	D	B	U	M	
Station	N/A	E	L	C	O	Stream Bed Elev.	N/A ft	E	L	C	O	
BORING NO.	B-225	P	O	S	I	Groundwater Elev.:		H	S	Q	T	
Station	2083+59	T	W		S	First Encounter	NONE ft	S				
Offset	72 ft RT	H	S	Qu	T	Upon Completion	NONE ft		(ft)	(/6")	(tsf)	(%)
Ground Surface Elev.	635.1 ft					After -- Hrs.	N/A ft					
FILL: Brown and gray, silt, trace roots [A-4]	633.6											
		3	1.0	20								
		3	S/15									
		4	2.5	25								
			P									
SILTY CLAY: Gray, with iron nodules, trace roots [A-6]	632.1											
		4										
		5	3.3	19								
		8	S/15									
		-5										
SILTY CLAY: Gray, with iron nodules and fine sand [A-4]	629.6											
		2	1.3	25								
		3	S/20									
		3										
SILTY CLAY: Brownish gray, with iron nodules, trace fine sand and roots [A-6]	627.1											
		2	2.1	22								
		3	B									
		4										
		-10										
CLAY: Gray, with iron stains, trace fine sand [A-7]	623.9											
		1	2.8	21								
		4	B									
		4										
Trace sandstone and chert fragments		2	3.5	21								
		3	B									
		5										
		-15										
Trace fine to coarse sand		2	4.7	18								
		4	B									
		6										
With sandstone and gravel		2	4.2	20								
		4	B									
		5										
		-20										

Boring terminated at 20.0 ft.

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LAST SAVED = 1/23/2013
 PEN TABLE = 1/23/2013
 PLOT DRIVER = pdfplotlayers.plt

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 3:34:01 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. 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	68-WRS-1	MONROE	760	403
CONTRACT NO. 76817				
ILLINOIS FED. AID PROJECT				