



Illinois Department of Transportation  
Division of Highways  
District 6

SOIL BORING LOG

Page 1 of 1

Date 8/31/10

ROUTE FAP 325 DESCRIPTION IL 16 Over Coop Branch LOGGED BY M. Tappan

SECTION 116BR-1 LOCATION SW 1/4, SEC. 19, TWP. 8 N, RNG. 8 W, 3 PM

COUNTY Macoupin DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 059-0615 (Pr)  
Station 914+82

BORING NO. EA East Abut.  
Station 915+27  
Offset 14.0R LT  
Ground Surface Elev. 603.6 ft

DEPTH (ft)	B	L	U	M	Surface Water Elev.	DEPTH (ft)	B	U	M
ft	(ft)	/6"	(tsf)	(%)	ft	(ft)	/6"	(tsf)	(%)
0					582.5	0			
1					582.3	1			
1						1			
1						1	1.2	31	
1						3	B		
601.10					583.10				
0						0			
1	0.8	21				3	2.8	21	
2	B					5	S-10		
601.10					580.60				
0						0			
1	0.8	21				1	0.9	21	
2	B					2	B		
601.10					576.60				
0						0			
1	0.6	20				1	0.5	29	
1	B					2	B		
601.10									
0						0			
1	0.8	23				1	0.5	26	
2	B					1	B		
593.60						1	B		
0						2	S-12		
1	0.4	29				2	S-12		
1	B					1			
601.10						2	1.3	22	
0						3	B		
1	1.2	24				1			
2	B					2	B		
18						1	1.0	28	
601.10						2	B		
0						0			
1	0.1	24				1	0.4	22	
1	B					0			
601.10						1	0.4	22	
0						0			
1						0			
20						0			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

FILE NAME: S:\PROJECTS\116BR-1\116BR-1.dwg DATE: 08/31/10 10:00 AM



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SECTION 116BR-1 LOCATION SW 1/4, SEC. 19, TWP. 8 N, RNG. 8 W, 3 PM

COUNTY Macoupin DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 059-0515 (Pr)  
Station 914+82

BORING NO. WA West Abut.  
Station 914+32  
Offset 14.0R RT  
Ground Surface Elev. 603.5 ft

DEPTH (ft)	B	L	U	M	Surface Water Elev.	DEPTH (ft)	B	U	M
ft	(ft)	/6"	(tsf)	(%)	ft	(ft)	/6"	(tsf)	(%)
0					582.5	0			
1					582.3	1			
1						1			
1						1			
583.00						1			
0						0			
1	0.5	29				1	0.5	29	
2	B					2	B		
583.00						0			
0						1	0.9	21	
1	0.9	21				2	B		
583.00									
0						0			
1	0.5	26				0			
2	B					1	0.5	26	
583.00						1	B		
0						2	S-12		
1	0.8	27				2	S-12		
2	B					1			
583.00						2	1.3	22	
0						3	B		
1	1.3	22				1			
2	B					2	B		
583.00						1	1.0	28	
0						2	B		
1	1.0	28				0			
2	B					1	0.4	22	
583.00						0			
0						0			
1	0.4	22				0			
1	B					0			
603.5						0			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

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**Coome-Bloxdorf P.C.**  
- CIVIL ENGINEERS -  
- STRUCTURAL ENGINEERS -  
- LAND SURVEYORS -  
Design Firm License No. 184-002703

USER NAME = sparksgw	DESIGNED - CME	REVISED -
PLOT SCALE = 0:2.0000 '1' / in.	CHECKED - MCB	REVISED -
PLOT DATE = Oct-19-2012 02:15:05PM	DRAWN - MML	REVISED -
	CHECKED - MCB	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BORING LOGS  
STRUCTURE NO. 059-0515  
SHEET NO. 22 OF 22 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
325	116BR-1	MACOUPIN	67	58
CONTRACT NO. 72A19				
ILLINOIS FED. AID PROJECT				