

LOG OF BORING NO. 1										Page 1 of 3	
CLIENT Hanson Professional Services, Inc.		PROJECT Lyndon Road Bridge over Rock Creek									
SITE Lyndon Road Clyde Township, Whiteside County, Illinois											
DEPTH, ft.	LUGS SYMBOL NUMBER	TYPE	SAMPLES			TESTS			UNCONFINED STRENGTH, pcf	O.C.	
			RECOVERY, in.	SPT, N BLOWS /ft.	WATER CONTENT, %	DRY UNIT WT, pcf	RECOVERY, in.	SPT, N BLOWS /ft.			WATER CONTENT, %
0.33	PA	PA									
Approximately 4 inches Asphalt CLAYEY SAND dark gray, loose											
2.5	PA	PA									
SILTY CLAY TRACE SAND dark gray, medium stiff											
5	CLM.2	SS	10	4	32		1500*				
5	CLM.3	SS	10	6	22		2000*				
5	CLM.4	SS	10	5	30		2000*				
10	CLM.5	SS	12	4	33		1500*		O.C. 5.6%		
13.5	SM.6	SB	10	4	24				O.C. 2.7%		
16	SM.7	SB	10	8	20				O.C. 1.1%		
17.5	SW.8	SS	10	9	17						
MEDIUM TO COARSE SAND TRACE GRAVEL brown, loose											
22.5	SW.9	SS	12	10	14						
FINE TO MEDIUM SAND brown, medium dense											
26.5	CLSC.10	SS	10	9	14		3000*				
SANDY CLAY brown, loose											

Continued Next Page

The stratification lines represent the approximate boundary lines between soil and rock types. In situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft. WL 17 WS 17 AB

BORING STARTED 9-9-09 BORING COMPLETED 9-9-09

RIG D-50 FOREMAN JA

APPROVED EDK JOB # 19095063

LOG OF BORING NO. 1										Page 2 of 3	
CLIENT Hanson Professional Services, Inc.		PROJECT Lyndon Road Bridge over Rock Creek									
SITE Lyndon Road Clyde Township, Whiteside County, Illinois											
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			RECOVERY, in.	SPT, N BLOWS /ft.	WATER CONTENT, %	DRY UNIT WT, pcf	RECOVERY, in.	SPT, N BLOWS /ft.			WATER CONTENT, %
page continuation											
SANDY CLAY brown, loose											
33.5	SP.11	SS	10	9	13						
COARSE SAND brown, loose											
38.5	SW.12	SS	12	18	21						
FINE TO MEDIUM SAND brown, medium dense											
40	PA	PA									
40	SW.13	SS	10	15	16						
40	PA	PA									
40	SW.14	SS	12	14	15						
40	PA	PA									
55	CLSC.15	SS	12	21	13		127 4851				
SANDY CLAY TRACE GRAVEL gray, stiff to very stiff											
55	PA	PA									
60	CLSC.16	SS	12	22	13		129 5377				

Continued Next Page

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			RECOVERY, in.	SPT, N BLOWS /ft.	WATER CONTENT, %	DRY UNIT WT, pcf	RECOVERY, in.	SPT, N BLOWS /ft.			WATER CONTENT, %
page continuation											
SANDY CLAY TRACE GRAVEL gray, stiff to very stiff											
60	CLSC.17	SS	10	22	12		126 4638				
60	PA	PA									
60	CLSC.18	SS	10	24	15		127 4951				
60	PA	PA									
60	CLSC.19	SS	12	23	14		5500*				
BOTTOM OF BORING											

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WATER LEVEL OBSERVATIONS, ft. WL 17 WS 17 AB

BORING STARTED 9-9-09 BORING COMPLETED 9-9-09

RIG D-50 FOREMAN JA

APPROVED EDK JOB # 19095063

LOG OF BORING NO. 2										Page 1 of 3	
CLIENT Hanson Professional Services, Inc.		PROJECT Lyndon Road Bridge over Rock Creek									
SITE Lyndon Road Clyde Township, Whiteside County, Illinois											
DEPTH, ft.	LUGS SYMBOL NUMBER	TYPE	SAMPLES			TESTS			UNCONFINED STRENGTH, pcf	O.C.	
			RECOVERY, in.	SPT, N BLOWS /ft.	WATER CONTENT, %	DRY UNIT WT, pcf	RECOVERY, in.	SPT, N BLOWS /ft.			WATER CONTENT, %
0.33	PA	PA									
Approximately 4 inches Asphalt SANDY CLAY dark gray, medium stiff											
5	CLSC.1	SS	10	6	22		2000*				
5	PA	PA									
5	CLSC.2	SS	10	6	24		2000*				
5	PA	PA									
5	CLSC.3	SS	10	7	28		2000*				
5	PA	PA									
10	CLSC.4	SS	8	8	17		2000*				
10	PA	PA									
10	CLSC.5	SS	12	6	28		2000*				
12.5	PA	PA									
SILTY CLAY bluish gray, medium stiff											
15	CLM.6	SS	10	4	29		1500*		O.C. 3.6%		
15	SM.7	SS	10	6	31						
15	SM.8	SS	12	4	28						
15	PA	PA									
20	SW.9	SS	10	28	10						
MEDIUM TO COARSE SAND brown, medium dense											
25	PA	PA									
25	SW.10	SS	10	23	10						
FINE TO COARSE SAND brown, medium dense											

Continued Next Page

The stratification lines represent the approximate boundary lines between soil and rock types. In situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft. WL 17 WS 17 AB

BORING STARTED 9-9-09 BORING COMPLETED 9-9-09

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			RECOVERY, in.	SPT, N BLOWS /ft.	WATER CONTENT, %	DRY UNIT WT, pcf	RECOVERY, in.	SPT, N BLOWS /ft.			WATER CONTENT, %
page continuation											
FINE TO COARSE SAND brown, medium dense											
33.5	SP.11	SS	12	16	16						
FINE SAND brown, medium dense											
38	PA	PA									
38	SP.12	SS	10	22	16						
38	PA	PA									
40	SP.13	SS	12	15	16						
40	PA	PA									
45	SP.14	SS	12	14	16		4000*				
LEAN TO FAT CLAY TRACE GRAVEL gray, stiff											
48.5	CLC.14	SS	12	14	16		4000*				
48.5	PA	PA									
53.5	CLSC.15	SS	10	13	12		5000*				
SANDY CLAY brown, very stiff											
55	PA	PA									
55	CLSC.16	SS	11	21	12		8000*				
SANDY CLAY gray, very stiff											

Continued Next Page

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			RECOVERY, in.	SPT, N BLOWS /ft.	WATER CONTENT, %	DRY UNIT WT, pcf	RECOVERY, in.	SPT, N BLOWS /ft.			WATER CONTENT, %
page continuation											
SANDY CLAY gray, very stiff											
60	CLSC.17	SS	12	20	13		8000*				
60	PA	PA									
60	CLSC.18	SS	10	21	12		130 6681				
60	PA	PA									
60	CLSC.19	SS	12	22	14		130 8000*				
BOTTOM OF BORING											

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BORING LOGS

LYNDON ROAD BRIDGE
OVER ROCK CREEK
F.A.S. ROUTE 76
SECTION 06-00183-00-BR
WHITESIDE COUNTY, ILLINOIS
STRUCTURE NUMBER 098-3077
STATION 223+86.00

DATE: 12/11/09	PROJECT: OBL0156	SECTION: 06-00183-00-BR	COUNTY: Whiteside	TOTAL SHEETS: 21	SHEET NO.: 18
SHEET NO. 11			CONTRACT NO. 85506		
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT					

12/10/2009
 15:08 jobs\081\056\CADD\Struct\Sheet\01-Boring Log.dgn
 LAYOUT: SKM 09/11/09
 DRAWN: JDM 12/11/09
 REVIEWED: SKM 12/11/09

