

LOG OF BORING NO. AB-5 Page 1 of 1									
CLIENT		PROJECT							
Teng		High Road Bridge Retaining Walls							
SITE		Lockport, Illinois							
High Road over Long Run Creek		Approx. Boring Location: Boring offset 24' W							
DESCRIPTION									
Approx. Surface Elev.: 609.0 ft									
Approx. 13" Asphalt									
1.1	CL	1	SS	10	12	9	20	9000"	
Approx. 2" Crushed stone base course									
LEAN CLAY WITH SAND, TRACE GRAVEL, brown and reddish brown, hard									
3.2	CL	2	SS	14	12	18		9000"	
LEAN CLAY WITH TO TRACE SAND, TRACE GRAVEL, brown, hard									
5	CL	3	SS	16	10	18		9000"	
10	CL	4	SS	10	10	18		9000"	
11	CL	5	SS	12	5	17		7000"	
LEAN CLAY WITH SAND, TRACE GRAVEL AND SILT SEAMS, brown to gray and bluish gray, very stiff to stiff									
13	CL	6	SS	18	8	25		3000"	
DRILLER'S DESCRIPTION: POSSIBLE WEATHERED ROCK									
BOTTOM OF BORING									
Auger refusal at 16 feet on apparent weathered rock									
<small>The stratification lines represent the approximate boundary lines between soil and rock types. In-situ, the transition may be gradual. **140 Lbs Automatic SPT Hammer *Calibrated Hand Penetrometer</small>									
WATER LEVEL OBSERVATIONS, ft		BORING STARTED		12-14-06					
WL 1	NONE	WD 1	NONE	BORING COMPLETED					
WL 2	NONE	WD 2	NONE	12-14-06					
WL 3	NONE	WD 3	NONE	RIG 94 FOREMAN MD					
WL 4	NONE	WD 4	NONE	APPROVED SAB JOB # 11085259					

LOG OF BORING NO. AB-6 Page 1 of 1									
CLIENT		PROJECT							
Teng		High Road Bridge Retaining Walls							
SITE		Lockport, Illinois							
High Road over Long Run Creek		Approx. Boring Location: Boring offset 22' W							
DESCRIPTION									
Approx. Surface Elev.: 608.0 ft									
Approx. 12" Asphalt									
1.5	CL	1	SS	12	10	21		9000"	
Approx. 2" Crushed stone base course									
LEAN CLAY, TRACE SAND AND GRAVEL, brown, hard (Possible Fill)									
3	CL	2	SS	12	10	16		7000"	
LEAN CLAY, TRACE SAND AND GRAVEL, brown, very stiff									
5	CL	3	SS	14	8	18		6000"	
10	CL	4	SS	10	20	21		8000"	
10	GP	5	SS	9	11/8"	18			
SANDY GRAVEL AND CLAY, brown, very dense (possible weathered limestone)									
BOTTOM OF BORING									
Split spoon refusal at 12.5 feet on apparent weathered rock									
<small>The stratification lines represent the approximate boundary lines between soil and rock types. In-situ, the transition may be gradual. **140 Lbs Automatic SPT Hammer *Calibrated Hand Penetrometer</small>									
WATER LEVEL OBSERVATIONS, ft		BORING STARTED		12-14-06					
WL 1	WS	WS	11.5	BORING COMPLETED					
WL 2	WS	WS	11.5	12-14-06					
WL 3	WS	WS	11.5	RIG 94 FOREMAN MD					
WL 4	WS	WS	11.5	APPROVED SAB JOB # 11085259					

LOG OF BORING NO. AB-7 Page 1 of 1									
CLIENT		PROJECT							
Teng		High Road Bridge Retaining Walls							
SITE		Lockport, Illinois							
High Road over Long Run Creek		Approx. Boring Location: Boring offset 23.5' W							
DESCRIPTION									
Approx. Surface Elev.: 607.5 ft									
Approx. 12" Asphalt									
1.2	CL	1	SS	10	11	18		3000"	
Approx. 2" Crushed stone base course									
LEAN CLAY, TRACE SAND AND GRAVEL, brown, hard (Possible Fill)									
3	CL	2	SS	14	8	20		5000"	
LEAN CLAY, TRACE SAND AND GRAVEL, brown, very stiff									
5	CL	3	SS	10	28	19		4000"	
7.5	GP	4	SS	10	68	13			
SANDY GRAVEL WITH CLAY, brown, very dense (possible highly weathered limestone)									
11.5	GP	5	SS	NR	150"				
BOTTOM OF BORING									
Auger refusal at 11.5 feet on apparent bedrock									
<small>The stratification lines represent the approximate boundary lines between soil and rock types. In-situ, the transition may be gradual. **140 Lbs Automatic SPT Hammer *Calibrated Hand Penetrometer</small>									
WATER LEVEL OBSERVATIONS, ft		BORING STARTED		12-14-06					
WL 1	WS	WS	10	BORING COMPLETED					
WL 2	WS	WS	10	12-14-06					
WL 3	WS	WS	10	RIG 94 FOREMAN MD					
WL 4	WS	WS	10	APPROVED SAB JOB # 11085259					

LOG OF BORING NO. AB-8 Page 1 of 1									
CLIENT		PROJECT							
Teng		High Road Bridge Retaining Walls							
SITE		Lockport, Illinois							
High Road over Long Run Creek		Approx. Boring Location: Boring offset 22' W							
DESCRIPTION									
Approx. Surface Elev.: 609.0 ft									
Boring not drilled through bridge deck - measurement taken from top of deck to exposed rock at creek bottom on east side of bridge									
BOTTOM OF BORING									
Apparent bedrock exposed at bottom of creek at 22 feet									
<small>The stratification lines represent the approximate boundary lines between soil and rock types. In-situ, the transition may be gradual. **140 Lbs Automatic SPT Hammer *Calibrated Hand Penetrometer</small>									
WATER LEVEL OBSERVATIONS, ft		BORING STARTED		12-14-06					
WL 1	WS	WS	10	BORING COMPLETED					
WL 2	WS	WS	10	12-14-06					
WL 3	WS	WS	10	RIG 94 FOREMAN MD					
WL 4	WS	WS	10	APPROVED SAB JOB # 11085259					

SHT. 5-28 OF 28

REVISIONS	
NAME	DATE

LOCKPORT TOWNSHIP HIGHWAY DEPARTMENT
 TR216A HIGH ROAD OVER LONG RUN CREEK
 SECTION 02-11106-01-BR

SOIL BORING LOGS 2

SCALE: _____ DRAWN BY: _____
 DATE: **DATE** CHECKED BY: _____

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