LOG OF BORING NO. 3

OWNER

ARCHITECT/ENGINEER

SITE STA. 18+98.86. 17.25' RT (WALK ALIGNMENT)
Coal Valley, Illinois

PROJECT
Retaining Wall

Approx. Surface Elev.: 621.6 ft.

Depth (ft.)	Description	Elev.	USCS Symbol	Sample Number	Type	Recovery	SPT-N Blows / Ft.	Moisture, %	Dry Density PCF	Unconfined Strength PSF	Tests
0.4	Hot Mix Asphalt (5" +/-)	621.2			HS						
	FILL -- SILT, gray			1	SS	11"	11	21.5			
5				2	SS	10"	10	21.9			
				3	ST	8"		18.9	109	7500*	Torvane 950 psf
10				4	SS	13"	9	18.8			
	-- Brown after 11'			5	SS	9"		17.2			
15				6	ST	10"		17.5 18.4	108 110	 6500*	Torvane 1000 psf
				7	ST	13"		21.5 21.5	103 104	4000* 3000*	TV=750psf TV=750psf
20	-- Gray after 19'			8	SS	16"	9	22.0			
25				9	SS	18"	5	23.2			
28.0		593.6									
	LOCAL ALLUVIUM -- SILT, dark brown			10	ST	19"		24.1	98	3500*	Torvane 1100 psf
30.0		591.6									
30	ALLUVIUM -- Fine to coarse SAND, trace gravel, dark gray			11	SS	6"	16	11.8			
31.5		590.1									
	Bottom of Boring										

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL AND ROCK TYPES: IN-SITU, THE TRANSITION MAY BE GRADUAL.

Calibrated Hand Penetrometer*

WATER LEVEL OBSERVATIONS

WL	30'	WD None	AD
WL			
WL			

TEAM Services, Inc.

BORING STARTED	2-17-11		
BORING COMPLETED	2-17-11		
RIG	ATV	FOREMAN	DC
APPROVED	SGB	JOB #	1-2776

LOG OF BORING NO. 4

OWNER

ARCHITECT/ENGINEER

SITE STA. 20+23.16. 19.26' RT (WALK ALIGNMENT)
Coal Valley, Illinois

PROJECT
Retaining Wall

Approx. Surface Elev.: 613.3 ft.

Depth (ft.)	Description	Elev.	USCS Symbol	Sample Number	Type	Recovery	SPT-N Blows / Ft.	Moisture, %	Dry Density PCF	Unconfined Strength PSF	Tests
0.4	Hot Mix Asphalt (5" +/-)	612.9			HS						
	FILL -- Sandy lean CLAY, trace gravel, gray-brown			1	SS	12"	15	10.7			
5	-- Gray after 4'			2	SS	10"	13	18.5			
	-- Olive-brown after 6'			3	SS	17"	11	15.2			
9.0		604.3			HS						
	FILL -- SILT, gray			4	ST	15"		21.9 25.4	102 100	4500* 2500*	TV=850psf TV=500psf
11.5		601.8									
	POSSIBLE FILL -- SILT, dark brown			5	SS	14"	15	26.0			
15	-- Brown after 14'			6	ST	10"		21.7	104	4500*	Torvane 1000 psf
19.0		594.3			HS						
	LOCAL ALLUVIUM -- Lean CLAY, brown			7	SS	18"	4	24.1			
20					HS						
23.0		590.3									
	LOCAL ALLUVIUM -- Sandy SILT, brown			8	ST	14"		24.1	101	4000*	Torvane 600 psf
26.0		587.3									
25	ALLUVIUM -- Fine to coarse SAND, brown			9	SS		10	17.4			
					HS						
30				10	SS		13	10.8			
					HS						
32.0		581.3									
	GLACIAL OUTWASH -- Fine SAND, gray			11	SS	12"	18	19.7			
35					HS						
39.0		574.3									
	BEDROCK -- Weathered LIMESTONE, light gray			12	SS		50/3	8.4			
40											
41.5		571.8									
	Bottom of Boring -- Auger Refusal										

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL AND ROCK TYPES: IN-SITU, THE TRANSITION MAY BE GRADUAL.

Calibrated Hand Penetrometer*

WATER LEVEL OBSERVATIONS

WL	26'	WD 20'	AD
WL			
WL			

TEAM Services, Inc.

BORING STARTED	2-17-11		
BORING COMPLETED	2-17-11		
RIG	ATV	FOREMAN	DC
APPROVED	SGB	JOB #	1-2776