

LOG OF BORING NO. 1

CLIENT MARSHALLTOWN COMMUNITY SCHOOL DISTRICT										
SITE 1602 SOUTH 2ND AVENUE MARSHALLTOWN, IOWA		PROJECT PROPOSED ROUNDHOUSE ADDITION								
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	SAMPLES					TESTS		
			USCS SYMBOL	NUMBER	TYPE	RECOVERY, in.	SPT - N ** BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf
	Approx. Surface Elev.: 936.5 ft									
	0.2 Root Zone at Surface FILL: LEAN CLAY , Trace Sand and Gravel Brown and Dark Brown	936.5			HS					
				1	SS	14	6	20		
					HS					
			5	2	SS	18	6	20		
					HS					
			10	3	SS	16	8	23		
					HS					
	14 LEAN CLAY , Trace Sand Brown Medium Stiff	922.5			CL	4	SS	14	5	26
					HS					
	19 LEAN CLAY With Sand Brown Medium Stiff	917.5			CL	5	SS	18	5	19
					HS					
	24 FINE TO MEDIUM SAND , Trace Clay Brown Medium Dense	912.5			SP	6	SS	18	10	25
					HS					
	29.5 SANDY LEAN CLAY , Trace Gravel Brown Stiff Occasional Sand Seams and Cobbles	907			CL	7	SS	18	11	19
					HS					

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

*Hand Penetrometer
**140 Lbs Automatic SPT Hammer

WATER LEVEL OBSERVATIONS, ft			
WL	▽ 14	WD	▽ 17 on 9/2/2010
WL	▽		▽
WL	WCI @ 22' on 9/2/2010		



BORING STARTED		9-1-10	
BORING COMPLETED		9-1-10	
RIG	101	FOREMAN	JG
APPROVED	MDC	JOB #	08105070

BORE1_08105070.GPJ TERRACON.GDT 9/29/10

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				NUMBER	TYPE	RECOVERY, in.	SPT - N ** BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf
34	902.5	35	CL	8	SS	16	23	14	9000*
	SANDY LEAN CLAY, Trace Gravel Dark Gray Very Stiff to Hard Occasional Sand Seams and Cobbles				HS				
		40	CL	9	SS	16	28	15	9000*
					HS				
		45	CL	10	SS	18	17	15	7000*
					HS				
50.5	886	50	CL	11	SS	18	31	14	
	BOTTOM OF BORING								

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**140 Lbs Automatic SPT Hammer

WATER LEVEL OBSERVATIONS, ft	
WL ▾ 14	WD ▾ 17 on 9/2/2010
WL ▾	WD ▾
WL	WCI @ 22' on 9/2/2010



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