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LOG OF SOIL  
BORING NO. 1

PROJECT Basement Water Seepage Problem

JOB NO. 22-123

LOCATION 2121 Tuomy Road

SURFACE ELEV. \_\_\_\_\_ DATE 5/23/22

Ann Arbor, Michigan

Sample & Type	Depth	Legend	SOIL DESCRIPTION	Penetration Blows for 6"	Moisture %	Natural Wt. P.C.F.	Dry Den Wt. P.C.F.	Unc. Comp. Strength PSF.	Str. %
	1		Moist dark brown clayey TOPSOIL with vegetation, fill						
A	2		1'6"	1					
UL	3		Firm moist brown silty CLAY with wet brown silt seams	3	18.5	121			
	3			3			*	(2000)	
	4		3'6"						
B	5			3					
UL	5		Very stiff moist variegated silty CLAY with sand and pebbles and wet brown silt seams	9	20.0	127			
	6			11			*	(6000)	
	7								
C	7		7'0"	8					
UL	8		Extremely stiff moist brown silty CLAY with traces of sand and pebbles	14	17.1	133			
	8			17			*	(9000+)	
	9								
D	10		9'0"	8					
UL	11			16					
	11		Extremely stiff moist variegated silty CLAY with sand and pebbles	25					
	12								
	13								
	14		13'0"						
E	15			8					
UL	16			22					
	16			15/3"					
	17								
	18		Extremely stiff moist blue silty CLAY with sand and pebbles						
	19								
F	20			8					
UL	21		20'6"	14					
	21			15					
	22								
	23								
	24								
	25								

TYPE OF SAMPLE  
D. - DISTURBED  
U.L. - UNDIST. LINER  
S.T. - SHELBY TUBE  
S.S. - SPLIT SPOON  
R.C. - ROCK CORE  
( ) - PENETROMETER

REMARKS: \* Calibrated Penetrometer  
  
Standard Penetration Test - Driving 2" OD Sampler 1' With  
140# Hammer Falling 30": Count Made at 6" Intervals

GROUND WATER OBSERVATIONS  
  
G.W. ENCOUNTERED AT 1 FT. 6 INS.  
G.W. ENCOUNTERED AT 4 FT. 0 INS.  
G.W. AFTER COMPLETION FT. INS.  
G.W. AFTER HRS. Dry FT. INS.  
G.W. VOLUMES Light