



McDOWELL & ASSOCIATES
Geotechnical, Environmental, & Hydrogeologic Services
21355 Hatcher Avenue • Ferndale, MI 48220
Phone: (248) 399-2066 • Fax: (248) 399-2157

LOG OF SOIL
BORING NO. 1

PROJECT Soils Investigation

JOB NO. 19-234

LOCATION Proposed House
2205 Melrose Road
Ann Arbor, Michigan

SURFACE ELEV. _____ DATE 8-12-19

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. %
			0'2 1/2" BRICK pavers						
	1		0'3" Moist VERMICULITE LEVELING COMPOUND, fill						
A	2		Compact moist brown fine SAND with trace of gravel, fill	2					
UL	3		2'6" Stiff moist discolored brown silty CLAY with traces of sand and pebbles	3	4.3				
	4			3					
B	5		4'6" Extremely stiff moist variegated silty CLAY with sand and pebbles and moist brown fine sand seams	4					
UL	6			8	12.2	137			
	7		6'0" Extremely stiff moist brown silty CLAY with traces of sand and pebbles	13			*	(9000+)	
C	8			7					
UL	9			10	11.1	132			
	10			16			*	(9000+)	
D	11		10'4" Extremely compact wet brown gravelly SAND	6					
UL	12			14					
	13			19					
	14								
E	15		Extremely stiff moist blue silty CLAY with traces of sand and pebbles	8					
UL	16			14					
	17			18					
	18								
	19								
F	20			7					
UL	21		20'6" NOTE: Used automatic hammer	12					
	22			19					
	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 10 FT. 4 INS.
G.W. ENCOUNTERED AT FT. INS.
G.W. AFTER COMPLETION Dry FT. INS.
G.W. AFTER HRS. FT. INS.
G.W. VOLUMES Light