



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. 3

PROJECT Soils Investigation

JOB NO. 21-109

LOCATION Proposed Maple Ridge Subdivision
Whitmore Lake Road and Barton North Drive
Ann Arbor Township, Michigan

SURFACE ELEV. 962.6 DATE 4-26-21

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 sand and pebbles and vegetation, fill						
A	2		1'6" Moist brown and dark brown silty CLAY with sand and pebbles, fill	3					
UL	3			4	18.5	129			
	4		Stiff moist brown silty CLAY with sand and pebbles	8			*	(3700)	
B	5		4'6"	8					
UL	6			15	12.1				
	7			23			*	(5500)	
C	8		Extremely stiff moist brown silty CLAY with sand and pebbles	13					
UL	9			19					
	10		9'0"	27					
D	11		Very stiff moist brown silty CLAY with sand and pebbles and moist brown silty fine sand seams	7					
UL	12		10'6"	11	12.6	139			
	13			13			*	(6500)	
	14		Compact wet brown silty fine SAND						
	15		13'0"						
E	16		Stiff moist variegated silty CLAY with sand and pebbles	6					
UL	17		15'6"	7					
	18			9					
	19								
	20								
	21								
	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 10 FT. 6 INS.
G.W. ENCOUNTERED AT FT. INS.
G.W. AFTER COMPLETION 7 FT. 10 INS.
G.W. AFTER HRS. FT. INS.
G.W. VOLUMES Heavy