



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

JOB NO. 13-388

LOG OF SOIL  
BORING NO. 5

PROJECT Soils Investigation  
LOCATION Proposed 109-Acre Subdivision  
Dhu Varren and Nixon Roads

SURFACE ELEV. DATE 12-17-13

Ann Arbor Township, 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		0'6" Moist dark brown clayey TOPSOIL (farm field)						
	2		1'6" Stiff moist variegated silty CLAY with topsoil streaks	4					
A				5	16.2	132			
UL	3		Very stiff moist variegated CLAY with sand and pebbles	8			*	(4000)	
	4								
B			4'0"	5					
UL	5			8					
	6			12					
	7		Extremely stiff moist variegated silty CLAY with sand and pebbles						
C				9					
UL	8			15					
	9			23					
D				8					
UL	10		10'6"	16					
	11			21					
	12								
	13								
	14		Extremely stiff moist blue silty CLAY with sand and pebbles						
E				6					
UL	15			9					
	16			13					
	17								
	18								
	19		19'0"						
F			Very stiff moist blue silty CLAY with sand and pebbles	4					
UL	20			6					
	21		20'6"	7					
	22								
	23								
	24		Note: Used automatic hammer.						
	25								

TYPE OF SAMPLE  
D. - DISTURBED  
UL - 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	FT.	INS.	
G.W. ENCOUNTERED AT	FT.	INS.	
G.W. AFTER COMPLETION	FT.	INS.	
G.W. AFTER	HRS.	FT.	INS.
G.W. VOLUMES	none		