



**McDOWELL & ASSOCIATES**  
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**LOG OF SOIL BORING NO.** 7

**PROJECT** Soils Investigation

**LOCATION** Proposed 85 Acre Subdivision  
Dhu Varren Road and Pontiac Trail

**JOB NO.** 14-026

**SURFACE ELEV.** \_\_\_\_\_ **DATE** 1-30-14

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.	PID (ppm)	Methane % LEL
			0'2" Frozen dark brown sandy TOPSOIL, fill						ND	
	1									
			1'6" Compact frozen to moist variegated clayey SAND, fill						ND	
A	2			5					ND	
UL				4						
	3			7						
			Stiff moist variegated silty CLAY with sand and pebbles							
	4								ND	
B				9						
UL	5			5						0
				5						
	6								ND	
			6'0"							
C	7			5						
UL				7						
	8			6					ND	
	9									
D			Compact to very compact moist dark brown clayey SAND, fill	4						
UL	10			3					ND	0
				3						
	11									
	12								ND	
	13									
	14								ND	
E				1						
UL	15			2					ND	0
				3						
	16								ND	
			15'0" Firm moist blue silty CLAY with pebbles, fill							
	17									
	18								ND	
	19									
F			18'0" Extremely compact moist brown gravelly SAND	17						
UL	20			33					ND	0
				23						
	21									
			20'6"							
	22									
	23									
	24									
	25									

Notes:  
 - Used automatic hammer.  
 - PID readings from MiniRAE 2000 photoionization detector as parts per million (ppm, calibrated to isobutylene gas).  
 - Readings from MSA Altair 4 gas detector presented as % lower explosive limit (LEL)

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

REMARKS:

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 none FT. INS.  
 G.W. ENCOUNTERED AT FT. INS.  
 G.W. AFTER COMPLETION FT. INS.  
 G.W. AFTER HRS. FT. INS.  
 G.W. VOLUMES