



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. 10

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
	1		0'2" Frozen dark brown sandy TOPSOIL, fill						ND	
			Compact frozen to moist reddish-brown fine SAND with traces of gravel and roots, fill						ND	
A	2		1'6" Compact moist dark brown fine SAND with trace of gravel, fill	4					ND	
UL				6						
	3			5						
	4		4'0"						ND	
B				11						
UL	5			16						0
				20						
	6		Extremely compact moist grayish-brown gravelly SAND						ND	
C	7			12						
UL				14						
	8			17					ND	
	9		8'6"						ND	
D				7						
UL	10			9					ND	0
				9						
	11		Very compact moist grayish-brown gravelly SAND							
	12								ND	
	13									
	14		14'0"						ND	
E				6						
UL	15			8						0
				9						
	16								ND	
	17		Very compact moist grayish-brown SAND & GRAVEL							
	18								ND	
	19		19'0"						ND	
F				9						
UL	20		Extremely compact moist gray SAND & GRAVEL	12					ND	0
				12						
	21		20'6"							
	22									
	23		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)							
	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:

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