



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. 2

PROJECT Soils Investigation
LOCATION Proposed 85 Acre Subdivision
Dhu Varren Road and Pontiac Trail

JOB NO. 14-026

SURFACE ELEV. _____ DATE 1-31-14

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
			0'3" Frozen dark brown sandy TOPSOIL, fill						ND	
	1									
A	2		Compact frozen to moist brown SAND & GRAVEL with roots, fill	4					ND	
UL				4						
	3		3'0"	3					ND	
	4								ND	
B	5		Compact moist brown and dark brown gravelly SAND, fill	3						0
UL				3						
	6			4						
									ND	
									ND	
C	7		6'6" Extremely compact moist brown SAND & GRAVEL	4						
UL				12						
	8			13					ND	
			8'6"						ND	
	9									
D	10		Compact moist brown SAND & GRAVEL	3						
UL				4					ND	0
	11			4						
	12									
									ND	
									ND	
	13		12'6"							
	14									
									ND	
E	15		Extremely compact wet gray SAND	6						
UL				12						0
	16			13						
									ND	
									ND	
	17		16'6"							
	18									
									ND	
			Very stiff moist blue silty CLAY with sand and pebbles							
	19									
F	20			5						
UL				7					ND	0
				8						
	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 12 FT. 6 INS.
G.W. ENCOUNTERED AT FT. INS.
G.W. AFTER COMPLETION 11 FT. 10 INS.
G.W. AFTER HRS. FT. INS.
G.W. VOLUMES