



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  
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						ND	
	1									
A	2		Compact to very compact frozen to moist brown	5					ND	
UL			gravelly SAND, fill	5						
	3			8						
	4								ND	
B			4'0"	6						
UL	5			8						0
	6			11					ND	
	7		Very compact to extremely compact moist brown	13						
C			SAND & GRAVEL, possible fill	11						
UL	8			9					ND	0
	9									
D				13						
UL	10		10'0"	8					ND	
	11			13						
	12		Extremely stiff moist brown silty CLAY with						ND	
	13		pebbles							
	14								ND	0
E			14'0"	16						
UL	15			21						
	16			29						
	17									
	18		Extremely compact moist brown SAND &							
	19		GRAVEL							
F				10						
UL	20			18						
	21		20'6"	27						
	22									
	23		Notes:							
	24		- Used automatic hammer.							
	25		- 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