



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

JOB NO. 14-026

SURFACE ELEV. DATE 1-30-14

LOG OF SOIL
BORING NO. 10

PROJECT Soils Investigation

LOCATION Proposed 85 Acre Subdivision
Dhu Warren Road and Pontiac Trail

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		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	3			6						
	4			5						
B	5									
UL	6									
C	7		Extremely compact moist grayish-brown gravelly SAND	11						
UL	8			16						0
	9			20						
D	10									
UL	11									
	12									
	13									
	14									
E	15			7						
UL	16			9						0
	17			9						
	18									
	19									
F	20		Very compact moist grayish-brown SAND & GRAVEL	6						
UL	21			8						0
	22			9						
	23									
	24									
	25									
Notes:										
<ul style="list-style-type: none"> - 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			