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LOG OF SOIL
BORING NO. 5

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									
A	2			6					ND	
UL				7						
	3		Compact to very compact frozen to moist discolored brown gravelly SAND with concrete, fill	6						
	4								ND	
B				3						
UL	5			3					ND	0
			5'0" Compact moist brown gravelly SAND, possible fill	8						
	6								ND	
C	7			7					ND	
UL				12						
	8		7'0" Extremely compact moist brown SAND & GRAVEL	14					ND	
	9									
D				8						
UL	10			11					ND	0
			10'3" Extremely stiff moist variegated silty CLAY with pebbles	13						
	11									
	12								ND	
	13									
	14								ND	
E			14'0" Extremely stiff moist blue silty CLAY with sand and pebbles	11						
UL	15			11						0
				16					ND	
	16									
	17									
	18								ND	
	19								ND	
F			19'0" Extremely compact moist brown SAND & GRAVEL	23						
UL	20			34					ND	0
			20'6"	42						
	21									
	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			