



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. 4

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 clayey TOPSOIL, fill						ND	
	1									
A	2		Compact frozen to moist brown sandy CLAY with pebbles, fill	5					ND	
UL	3			3						
	4			3						
B	5		4'0" Stiff moist brown sandy CLAY with sand and pebbles, fill	2					ND	
UL	6			3						0
	7			6						
C	8		6'6" Stiff to very stiff moist brown and dark brown silty CLAY with sand and pebbles, fill						ND	
UL	9			5					ND	
	10			6						
	11			6					ND	
D	12		9'0" Medium compact moist brown SAND & GRAVEL, possible fill						ND	
UL	13			2					ND	0
	14			2						
	15			3						
	16								ND	
	17									
	18								ND	
E	19		12'0" Very compact moist brown SAND & GRAVEL						ND	
UL	20			5						0
	21			6						
	22			7					ND	
	23									
	24								ND	
F	25		18'0" Compact wet brown SAND & GRAVEL							
UL	26		20'0" Stiff moist blue silty CLAY with sand and pebbles	5					ND	0
	27			5						
	28			6						
	29									
	30									
	31									
	32									
	33									
	34									
	35									
	36									
	37									
	38									
	39									
	40									
	41									
	42									
	43									
	44									
	45									
	46									
	47									
	48									
	49									
	50									
	51									
	52									
	53									
	54									
	55									
	56									
	57									
	58									
	59									
	60									
	61									
	62									
	63									
	64									
	65									
	66									
	67									
	68									
	69									
	70									
	71									
	72									
	73									
	74									
	75									
	76									
	77									
	78									
	79									
	80									
	81									
	82									
	83									
	84									
	85									
	86									
	87									
	88									
	89									
	90									
	91									
	92									
	93									
	94									
	95									
	96									
	97									
	98									
	99									
	100									

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 18 FT. 0 INS.
G.W. ENCOUNTERED AT FT. INS.
G.W. AFTER COMPLETION 20 FT. 0 INS.
G.W. AFTER HRS. FT. INS.
G.W. VOLUMES