



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. 111

PROJECT Environmental Site Assessment
LOCATION Approximate 85-Acre Parcel
Dhu Varren Road and Pontiac Trail

JOB NO. 13-15148

SURFACE ELEV. DATE 2-05-14

Ann Arbor, Washtenaw County, Michigan

Sample & Type	Depth	Legend	SOIL DESCRIPTION	Penetration Blows for 6"	Moisture %	Natural Wt. P.C.F.	Dry Den Wt. P.C.F.	PID Readings. (PPM)	RKI (% LEL)
	1		0'2" Frozen dark brown sandy TOPSOIL, fill					ND	
	2		Frozen to moist brown SAND & GRAVEL, fill					ND	
	3							ND	
	4		2'8" Moist brown fine SAND with traces of sand and pebbles, fill					ND	
	5		3'10" Moist brown gravelly SAND, fill						0
	6		5'5"					ND	
	7							ND	
	8							ND	
	9								
	10							ND	0
	11		Moist brown SAND with occasional cobbles and stones, possible fill						
	12							ND	
	13								
	14							ND	
	15								0
	16		15'3"					ND	
	17							ND	
	18							ND	
	19		Moist brown fine to medium SAND with some gravel, possible fill						
	20							ND	0
	21								
	22							ND	
	23								
	24		23'7"					ND	
	25		Moist brown fine SAND with traces of silt and gravel						0

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 24 FT. 6 INS.
G.W. ENCOUNTERED AT FT. INS.
G.W. AFTER COMPLETION FT. INS.
G.W. AFTER HRS. FT. INS.
G.W. VOLUMES heavy



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LOG OF SOIL
BORING NO. 111 (continued)

PROJECT Environmental Site Assessment
Approximate 85-Acre Parcel
LOCATION Dhu Varren Road and Pontiac Trail

JOB NO. 13-15148

SURFACE ELEV. DATE 1-31-14 Ann Arbor, Washtenaw County, Michigan

Sample & Type	Depth	Legend	SOIL DESCRIPTION	Penetration Blows for 6"	Moisture %	Natural Wt. P.C.F.	Dry Den Wt. P.C.F.	PID Readings (PPM)	RKI (% LEL)
	26		26'5" Moist brown fine SAND with traces of silt and gravel						
	27							ND	
	28							ND	0
	29							ND	
	30							ND	
	31		29'10" Wet gray fine SAND with trace of gravel						0
	32								
	33								
	34								
	35								
	36		35'0" Soil spoils were screened with a MiniRAE 2000 photoionization detector (PID). Results were reported in parts per million (PPM). Readings from RKI Eagle 4 gas detected presented in % lower explosive limit (LEL). Notes: Installed 2" PVC temporary well set at 28'6" with 1'6" stick up. ND = None Detected						
	37								
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	39								
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	45								
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	47								
	48								
	49								
	50								

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