



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

JOB NO. 13-15148

SURFACE ELEV. DATE 2-05-14

LOG OF SOIL
BORING NO. 112

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

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		0'1" Frozen dark brown sandy TOPSOIL, fill					ND	
	2		Moist brown gravelly sandy WASTE FILL with traces of glass and brick, fill					ND	
	3								
	4							ND	
	5		3'9" Moist brown fine to medium sandy WASTE FILL with traces of glass and gravel and occasional cobbles, fill					0	
	6							ND	
	7								
	8							ND	
	9								
	10		6'4" Moist brown fine to medium sandy WASTE FILL with traces of plastic, brick, glass and metal and occasional cobbles, fill					ND 0	
	11								
	12	d	12'0" Moist brown gravelly sandy WASTE FILL with some wood, glass, trace of brick and Occasional cobbles, fill					ND	
	13								
	14							ND	
	15							0	
	16							ND	
	17								
	18							ND	
	19								
	20		19'9" Moist brown fine to medium SAND with trace of gravel and occasional cobbles and boulder at 25' depth (able to drill past boulder)					ND 0	
	21								
	22							ND	
	23								
	24							ND	
	25							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	none	FT.	INS.
G.W. ENCOUNTERED AT		FT.	INS.
G.W. AFTER COMPLETION		FT.	INS.
G.W. AFTER	HRS.	FT.	INS.
G.W. VOLUMES			



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JOB NO. 13-15148

SURFACE ELEV. 13-15148 DATE 1-31-14

LOG OF SOIL BORING NO. 112 (continued)
PROJECT Environmental Site Assessment
LOCATION Approximate 85-Acre Parcel
Dhu Warren Road and Pontiac Trail
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								
	27							ND	ND
	28							0	ND
	29							ND	ND
	30		Moist brown fine to medium SAND with trace of gravel and occasional cobbles and boulder at 25' depth (able to drill past boulder)				ND	0	ND
	31						ND	ND	
	32						ND	0	
	33								
	34	33'6"							
	35								
	36		Moist brown fine to medium SAND with trace of silt and gravel						
	37								
	38								
	39								
	40	40'0"							
	41								
	42								
	43								
	44								
	45		Soil spoils were screened with a MiniRAE 2000 photoionization detector (PID). Results were reported in parts per million (PPM).						
	46								
	47		Readings from RKI Eagle 4 gas detected presented in % lower explosive limit (LEL).						
	48		ND = None Detected						
	49								
	50								
TYPE OF SAMPLE		REMARKS:		GROUND WATER OBSERVATIONS					
D.	- DISTURBED			G.W. ENCOUNTERED AT	none	FT.		INS.	
U.L.	- UNDIST. LINER			G.W. ENCOUNTERED AT		FT.		INS.	
S.T.	- SHELBY TUBE			G.W. AFTER COMPLETION		FT.		INS.	
S.S.	- SPLIT SPOON			G.W. AFTER	HRS.	FT.		INS.	
R.C.	- ROCK CORE			G.W. VOLUMES					
()	- PENETROMETER		Standard Penetration Test - Driving 2" OD Sampler 1' With 140# Hammer Falling 30": Count Made at 6" Intervals						