



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. 112

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		0'1" Frozen dark brown sandy TOPSOIL, fill					ND	
	2		Moist brown gravelly sandy WASTE FILL with traces of glass and brick, fill					ND	
	3								
	4		3'9" Moist brown fine to medium sandy WASTE FILL with traces of glass and gravel and occasional cobbles, fill					ND	0
	5								
	6		6'4" Moist brown fine to medium sandy WASTE FILL with traces of plastic, brick, glass and metal and occasional cobbles, fill					ND	0
	7								
	8							ND	
	9								
	10							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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LOG OF SOIL  
BORING NO. 112 (continued)

PROJECT Environmental Site Assessment  
LOCATION Approximate 85-Acre Parcel  
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		Moist brown fine to medium SAND with trace of gravel and occasional cobbles and boulder at 25' depth (able to drill past boulder)					ND					
	27							ND					
	28							ND	0				
								ND					
	29												
	30							ND	0				
								ND					
	31												
	32							ND	0				
	33												
	34		Moist brown fine to medium SAND with trace of silt and gravel										
	35												
	36												
	37												
	38												
	39												
	40												
	41												
	42												
	43												
	44		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).  ND = None Detected										
	45												
	46												
	47												
	48												
	49												
	50												
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			