



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. 1

PROJECT Soils Investigation-Retaining Wall Replacement

JOB NO. 08-096

SURFACE ELEV.

DATE 6-6-08

Ann Arbor, 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.	Str. %
			0'2" ASPHALT						
	1		0'9" Moist brown and discolored brown SAND with gravel, fill						
A	2			2					
AS	3		Slightly compact moist discolored brown gravelly SAND with trace of silt, fill	2	5.0	--			
	4			1					
B	5			2					
AS	6			2					
C	7			5					
AS	8			2					
	9			6					
D	10		Compact moist brown and discolored brown clayey SAND with gravel and occasional stone, fill	7					
UL	11			5					
	12			5	6.8	--			
	13			5					
	14			2					
E	15			2	12.9	--			
UL	16			1					
	17		Slightly compact moist to wet discolored brown clayey SAND with gravel and pieces of glass, fill						
	18								
	19								
F	20		Compact moist brown clayey SAND & GRAVEL	5					
UL	21			7	21.1	118			
	22			12		*	(6000)		
	23		Extremely stiff moist brown silty CLAY with sand and pebbles						
	24								
G	25		Extremely compact moist brown fine to medium SAND with trace of pebbles	16					
UL				25					
				38					

TYPE OF SAMPLE

- D. - DISTURBED
- U.L. - UNDIST. LINER
- S.T. - SHELBY TUBE
- S.S. - SPLIT SPOON
- R.C. - ROCK CORE
- () - PENETROMETER

REMARKS:

* Calibrated Penetrometer

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	15	FT.	4	INS.
G.W. ENCOUNTERED AT		FT.		INS.
G.W. AFTER COMPLETION		DRY FT.		INS.
G.W. AFTER	HRS.	FT.		INS.
G.W. VOLUMES		Very Light		

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LOG OF SOIL
BORING NO. 1 (continued)

PROJECT Soils Investigation-Retaining Wall Replacement

JOB NO. 08-096

LOCATION 1015 East Ann Street

SURFACE ELEV.

DATE 6-6-08

Ann Arbor, 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.	Str. %
	26		Extremely compact moist brown fine to medium SAND with trace of pebbles 27'6"						
	27								
	28								
H	29								
UL	30			10					
	31		Extremely compact moist brown SAND & GRAVEL 30'6"	21					
	32			25					
	33								
	34								
	35								
	36								
	37								
	38								
	39								
	40								
	41								
	42								
	43								
	44								
	45								
	46								
	47								
	48								
	49								
	50								

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GROUND WATER OBSERVATIONS

G.W. ENCOUNTERED AT	15	FT.	4	INS.
G.W. ENCOUNTERED AT		FT.		INS.
G.W. AFTER COMPLETION	Dry	FT.		INS.
G.W. AFTER	HRS.	FT.		INS.
G.W. VOLUMES				

Very Light

Standard Penetration Test - Driving 2" OD Sampler 1' With
 140# Hammer Falling 30°: Count Made at 6" Intervals