



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

JOB NO. 19-241

SURFACE ELEV. DATE 6/14/2021

LOG OF SOIL
BORING NO. 2-4

PROJECT Soils Investigation
LOCATION Proposed Hotel Building
2424 East Stadium Boulevard
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. %
			0'4" ASPHALT						
	1		Slightly compact moist brown gravelly SAND, fill						
A	2		1'6" Stiff moist brown silty sandy CLAY with pebbles and wet silty sand at 3'0", fill	1					
UL	3			2	18.8			*	(5000-5500)
	4			4					
B	5		3'3" Very stiff moist brown silty sandy CLAY with pebbles and occasional moist brown sand seams	7	9.7				
UL	6			10			*	(6000-8000)	
C	7			5					
UL	8		7'6	19	10.3				
	9			23					
D	10		Extremely compact moist brown fine SAND with trace of silt	11					
UL	11			16	3.3				
	12			23					
	13		12'0"						
E	14								
UL	15		Extremely compact moist brown fine SAND with trace of silt and occasional cobbles	14					
	16			14	5.1				
	17			14					
	18								
	19								
F	20		Extremely compact moist brown fine SAND with trace of silt and occasional moist gravelly sand seams	25					
UL	21			27					
	22			31					
	23		22'6"						
G	24								
UL	25		Extremely compact moist gray clayey SILT	18					
				35					
				59					

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	3 FT.	0 INS.
G.W. ENCOUNTERED AT	27 FT.	9 INS.
G.W. AFTER COMPLETION	12 FT.	0 INS.
G.W. AFTER	HRS.	FT.
G.W. VOLUMES		INS.
		Heavy
		Cave-In at 12'0"



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LOG OF SOIL
BORING NO. 2-4 (continued)

PROJECT Soils Investigation

LOCATION Proposed Hotel Building
2424 East Stadium Boulevard
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								
	27								
	28		Extremely compact moist gray clayey SILT						
	29								
H	UL	30	Extremely compact wet gray SAND with wet gravelly sand seams, occasional moist blue silty clay seams and moist to wet gray clayey silt lenses	21					
	31			29					
	32			35					
	33								
I	UL	34	Extremely compact wet gray silty fine SAND with trace of gravel and occasional moist blue silty clay seams	29					
	35			40					
	36			--					
	37								
	38								
J	UL	39	Extremely stiff moist blue sandy silty CLAY Hardpan with pebbles	25					
	40			56					
	41			---					
	42								
	43								
	44								
	45								
	46								
	47								
	48								
	49								
	50								
TYPE OF SAMPLE		REMARKS:		GROUND WATER OBSERVATIONS					
D. - DISTURBED				G.W. ENCOUNTERED AT	3	FT.	0	INS.	
U.L. - UNDIST. LINER				G.W. ENCOUNTERED AT	27	FT.	9	INS.	
S.T. - SHELBY TUBE				G.W. AFTER COMPLETION	12	FT.	0	INS.	
S.S. - SPLIT SPOON				G.W. AFTER	MIN.	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	Heavy				Cave-In at 12'0"	