



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** 6/15/2021

**LOG OF SOIL
BORING NO.** 2-5

PROJECT	Soils Investigation
LOCATION	Proposed Hotel Building
	2424 East Stadium Boulevard
21	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. %
	1		Moist dark brown clayey TOPSOIL						
A UL	2			2					
	3		Stiff moist brown silty sandy CLAY with pebbles and topsoil, fill	2	12.8		*	(6000)	
B UL	4			4					
	5			2					
C UL	6			3	9.8		*	(3000)	
	7		Stiff moist brown silty sandy CLAY with pebbles and occasional cobbles	5					
D UL	8			4					
	9		Very stiff moist brown silty sandy CLAY with pebbles	6	13.9		*	(6000)	
E UL	10			10					
	11		Extremely stiff moist variegated silty sandy CLAY with pebbles	5					
	12			9	11.3		*	(9000+)	
	13			12					
	14			16					
E UL	15			24	7.8				
	16		Extremely compact moist brown silty fine to medium SAND with occasional moist gravelly sand seams	30					
	17			14					
	18			18					
F UL	19			22					
	20			20'0"					
	21			22					
	22			32					
	23		Extremely compact wet brown fine SAND with occasional wet gravelly sand seams	37					
G UL	24								
	25								

TYPE OF SAMPLE

TYPE OF SAMPLE

D. - DISTURBED
III - UNDIST LINEE

U.L. - UNDIST. LINER
S.T. - SHEI BY TUBE

S.I. - SHELBY TUBE
S.S. SPLIT SPOON

S.S. - SPLIT SPOON
R.C. - ROCK CORE

R.C. - ROCK CORE
() BENETROMETER

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	20	FT.	2	INS.
G.W. ENCOUNTERED AT		FT.		INS.
G.W. AFTER COMPLETION	20	FT.	9	INS.
G.W. AFTER HRS.		FT.		INS.
G.W. VOLUMES		Hevy		



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SURFACE ELEV. DATE 6/15/2021

LOG OF SOIL
BORING NO. 2-5 (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								
H	29								
UL	30								
	31								
	32								
	33								
	34								
	35								
	36								
	37								
	38								
	39								
	40								
	41								
	42								
	43								
	44								
	45								
	46								
	47								
	48								
	49								
	50								
TYPE OF SAMPLE			REMARKS:	GROUND WATER OBSERVATIONS					
D.	- DISTURBED			G.W. ENCOUNTERED AT	20	FT.	2	INS.	
U.L.	- UNDIST. LINER			G.W. ENCOUNTERED AT		FT.		INS.	
S.T.	- SHELBY TUBE			G.W. AFTER COMPLETION	20	FT.	9	INS.	
S.S.	- SPLIT SPOON			G.W. AFTER	MIN.	FT.		INS.	
R.C.	- ROCK CORE			G.W. VOLUMES		Heavy			
()	- PENETROMETER		Standard Penetration Test - Driving 2" OD Sampler 1' With 140# Hammer Falling 30": Count Made at 6" Intervals						