



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** 9-12-19

DATE 9-12-19

- 4

4

PROJECT Soils Investigation - Proposed Hotel Building

LOCATION 2424 East Stadium Boulevard

Ann Arbor, Michigan

TYPE OF SAMPLE

D. - DISTURBED

U.L. - UNDIST. LINER

S.T. - SHELBY TUBE

S.S. - SPLIT SPOON

R.C. - ROCK CORE

REMARKS:

* Calibrated Penetrometer

GROUND WATER OBSERVATIONS

G.W. ENCOUNTERED AT	15	FT.	4	INS.
G.W. ENCOUNTERED AT	38	FT.	8	INS.
G.W. AFTER COMPLETION		FT.		INS.
G.W. AFTER	HRS.	FT.		INS.
G.W. VOLUMES	Medium			

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



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**LOG OF SOIL
BORING NO. 4 (continued)**

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LOCATION 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		Extremely compact moist brown fine SAND with trace of silt						
	27								
	28		Extremely compact moist brown fine to medium SAND with trace of gravel and occasional stones						
	29								
H	30		Extremely compact moist brown clayey fine SAND with gravel and silt	9					
SS	30			14					
	31		Extremely compact moist brown silty fine SAND	20					
	32								
	33		Extremely compact moist brown fine SAND with traces of gravel and silt						
	34								
I	35								
SS	35								
	36								
	37		Extremely compact moist brown fine SAND with trace to seams of silt	23					
	38			37					
	39			51					
J	40								
SS	40		Extremely compact wet gray SILT with occasional wet gray fine sand lenses						
	41								
	42								
	43								
	44								
K	45		Extremely compact moist gray clayey SILT with traces of sand and gravel	14					
SS	45			20					
	46			33					
	47		Extremely stiff moist blue silty CLAY with sand and pebbles and occasional stones						
	48								
	49								
L	50								
	50'6"								
TYPE OF SAMPLE		REMARKS:							
D.	- DISTURBED	* Calibrated Penetrometer							
U.L.	- UNDIST. LINER								
S.T.	- SHELBY TUBE								
S.S.	- SPLIT SPOON								
R.C.	- ROCK CORE								
()	- PENETROMETER								
Standard Penetration Test - Driving 2" OD Sampler 1' With 140# Hammer Falling 30": Count Made at 6" Intervals									
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G.W. ENCOUNTERED AT	15	FT.	4	INS.					
G.W. ENCOUNTERED AT	38	FT.	8	INS.					
G.W. AFTER COMPLETION		FT.		INS.					
G.W. AFTER		FT.		INS.					
G.W. VOLUMES		FT.		INS.					
G.W. VOLUMES	Medium								