



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

JOB NO. 19-312

SURFACE ELEV. DATE 10-24-19

LOG OF SOIL
BORING NO. 6

PROJECT Soils Investigation

LOCATION Proposed Liberty Townhomes
I-94 Freeway and Liberty Road
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. %
			0'6" Moist dark brown clayey TOPSOIL with trace of vegetation, fill						
	1								
A	2		2'0" Moist discolored brown silty CLAY with sand and pebbles	5					
UL	3		Very stiff moist variegated silty CLAY with sand and pebbles	8	20.5	122			
	4			12		*	(6000)		
B	5		4'0" Very stiff moist variegated silty CLAY with moist clayey sand seams	10					
UL	6			10	16.1	130			
C	7		6'0" Very stiff moist brown silty CLAY with sand and pebbles, wet brown silt seams and occasional stones	10		*	(7000)		
UL	8			11					
	9			14					
D	10		9'6" Extremly stiff moist blue silty CLAY with sand and pebbles and occasional stones	9					
UL	11			12	13.9	135			
	12			14		*	(9000+)		
	13			10					
	14			15					
E	15			15					
UL	16			12					
	17			13					
	18		18'0" Extremly stiff very moist to moist blue silty CLAY with sand and pebbles and wet gray silt seams	14					
F	19			12					
UL	20			13					
	21			14					
	22			16					
	23		23'0" Extremly stiff moist blue silty CLAY with sand and pebbles, occasional stones and moist gray sand seams	16					
G	24			16					
UL	25			11/3"					

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	6 FT.	6 INS.
G.W. ENCOUNTERED AT	18 FT.	0 INS.
G.W. AFTER COMPLETION	28 FT.	11 INS.
G.W. AFTER HRS.	FT.	INS.
G.W. VOLUMES	LIGHT	



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	26								
	27								
	28								
	28'0"		Extremely stiff moist blue silty CLAY with sand and pebbles, occasional stones and moist gray sand seams						
	29		Extremely compact wet gray SAND						
H	30		Extremely stiff moist blue silty CLAY with sand and pebbles, occasional stones and wet gray silty fine sand seams	10					
UL	31			11					
	32			15					
	33								
	34								
	35								
	36								
	37								
	38								
	39								
	40								
	41								
	42								
	43								
	44								
	45								
	46								
	47								
	48								
	49								
	50								

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