

MA

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

JOB NO. 20-265

SURFACE ELEV. DATE 10-15-20

**LOG OF SOIL
BORING NO.** 7

PROJECT Soils Investigation

LOCATION Proposed Concordia Subdivision
Earhart Road and Pine Brae Street
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. %
			0'5" Moist dark brown sandy TOPSOIL						
	1								
A UL	2		Medium compact moist brown fine to medium SAND with trace of gravel	2					
	3			2	4.0				
	4			3					
B UL	5		4'6"	4					
	6			9	3.5	103			
C UL	7		Extremely compact moist brown fine SAND with trace of gravel	9					
	8			5					
	9			9					
D UL	10		9'6"	12					
	11		Extremely compact moist fine to medium SAND with trace of silt and moist fine sand seams	7					
	12			9					
	13			9					
	14		13'0"	15					
E UL	15								
	16		Extremely compact moist brown SAND & GRAVEL with stones and some cobbles						
	17								
	18								
	19								
F UL	20		22'0"	26					
	21		Extremely compact moist brown fine to medium SAND with gravel and stones	28					
	22			---					
	23								
	24		23'10"						
G UL	25		Extremely compact wet brown fine SAND	20					
				30					

TYPE OF SAMPLE

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

REMARKS:

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	23	FT.	10	INS.
G.W. ENCOUNTERED AT		FT.		INS.
G.W. AFTER COMPLETION		FT.		INS.
G.W. AFTER	24	HRS.	4	INS.
G.W. VOLUMES		FT.		INS.
	Medium			

Cave-In at 24'4"



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LOG OF SOIL
BORING NO. 7 (cont.)

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Sample & Type	Depth	Legend	SOIL DESCRIPTION	Penetration Blows for 6"	Moisture %	Natural Wt P.C.F.	Dry Den WL P.C.F.	Unc. Comp. Strength PSF.	Str. %
	26								
	27		Extremely stiff moist brown silty CLAY with sand and pebbles and occasional stones						
	28		27'6"						
	29		Extremely stiff moist blue silty CLAY Hardpan with sand and pebbles						
H	30		30'0"						
UL				52					
	31			---					
	32			---					
	33								
	34								
	35								
	36								
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	49								
	50								

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G.W. AFTER COMPLETION	24	FT.	4	INS.
G.W. AFTER		HRS.		INS.
G.W. VOLUMES		FT.		INS.

Medium Cave-In at 24'4"