



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

LOG OF SOIL
BORING NO. 7

PROJECT Soils Investigation

JOB NO. 20-265

LOCATION Proposed Concordia Subdivision
Earhart Road and Pine Brae Street
Ann Arbor, Michigan

SURFACE ELEV. _____ DATE 10-15-20

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		0'5" Moist dark brown sandy TOPSOIL						
A	2		Medium compact moist brown fine to medium SAND with trace of gravel	2	4.0				
UL	3			2					
	4			3					
B	5		4'6" Extremely compact moist brown fine SAND with trace of gravel	4	3.5	103			
UL	6			9					
	7			9					
C	8			5					
UL	9			9					
	10			12					
D	11		9'6" Extremely compact moist fine to medium SAND with trace of silt and moist fine sand seams	7	4.6	116			
UL	12			9					
	13			15					
E	14		13'0" Extremely compact moist brown SAND & GRAVEL with stones and some cobbles	9					
UL	15			9					
	16			15					
F	17			26					
UL	18			28					
	19			---					
G	20		22'0" Extremely compact moist brown fine to medium SAND with gravel and stones	20					
UL	21			30					
	22			---					
	23		23'10" Extremely compact wet brown fine SAND						
	24								
	25								

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. 4 INS.
G.W. AFTER HRS. 24 FT. 4 INS.
G.W. VOLUMES Medium Cave-In at 24'4"



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

LOG OF SOIL
BORING NO. 7 (cont.)

PROJECT Soils Investigation

LOCATION Proposed Concordia Subdivision
Earhart Road and Pine Brae Street
Ann Arbor, Michigan

JOB NO. 20-265

SURFACE ELEV. _____ DATE 10-15-20

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 stiff moist brown silty CLAY with sand and pebbles and occasional stones						
	27								
	28								
	29		Extremely stiff moist blue silty CLAY Hardpan with sand and pebbles						
	30			52					
H UL	30			---					
	31			---					
	32								
	33								
	34		NOTES: (1) Drilled at #206 stake location (2) Used automatic hammer (3) Broke 4 shear pins between 13' and 22'						
	35								
	36								
	37								
	38								
	39								
	40								
	41								
	42								
	43								
	44								
	45								
	46								
	47								
	48								
	49								
	50								

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 24 FT. 4 INS.
G.W. AFTER HRS. FT. INS.
G.W. VOLUMES Medium Cave-In at 24'4"