



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

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. %
			ASPHALT						
	1	0'7"							
		0'11"							
A	2	1'2"	Moist dark brown to black clayey SAND & GRAVEL with asphalt pieces, fill						
SS	3		Wet brown SAND & GRAVEL with stones, fill						
			Firm moist brown silty CLAY with sand and pebbles and moist fine sand seams						
	4	3'6"							
B	5								
SS	6		Soft moist brown silty CLAY with sand and pebbles						
C	7	7'0"							
SS	8		Stiff moist brown silty CLAY with sand and pebbles, occasional stones and moist fine sand lenses						
	9	9'0"							
D	10								
SS	11		Slightly compact moist brown silty fine to medium SAND with occasional trace of gravel						
	12	11'6"							
	13								
	14								
E	15		Compact moist brown fine to medium SAND with traces of gravel and silt						
SS	16								
	17	17'0"							
	18								
	19								
F	20								
SS	21		Very compact moist brown fine SAND with traces of gravel, silt and occasional stones						
	22								
	23								
	24	23'0"							
G	25		Compact moist brown fine to medium SAND with traces of silt, gravel, stones and moist sand and gravel seams						
TYPE OF SAMPLE		REMARKS:		GROUND WATER OBSERVATIONS					
D.	- DISTURBED	* Calibrated Penetrometer		G.W. ENCOUNTERED AT	0	FT.	11	INS.	
U.L.	- UNDIST. LINER			G.W. ENCOUNTERED AT	39	FT.	3	INS.	
S.T.	- SHELBY TUBE			G.W. AFTER COMPLETION		FT.		INS.	
S.S.	- SPLIT SPOON			G.W. AFTER	HRS.	FT.		INS.	
R.C.	- ROCK CORE			G.W. VOLUMES		FT.		INS.	
()	- PENETROMETER	Standard Penetration Test - Driving 2" OD Sampler 1' With 140# Hammer Falling 30": Count Made at 6" Intervals		Medium - Heavy					



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