



**McDOWELL & ASSOCIATES**  
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JOB NO. 09-017

**LOG OF SOIL**

**BORING NO.** 4

**PROJECT** Soils Investigation -

McDonalds Restaurant Renovation

**LOCATION** 3752 State

Ann Arbor, Michigan

**SURFACE ELEV.** DATE 2-2-09

Sample & Type	Depth	Legend	SOIL DESCRIPTION	Penetration Blows for 6"	Moisture %	Natural WL P.C.F.	Dry Den WL P.C.F.	Unc. Comp. Strength PSF.	Str. %
			0'4" ASPHALT						
	1		1'2" Frozen light brown SAND & GRAVEL with frost, aggregate fill						
A	2		2'2" Extremely compact frozen to moist discolored brown fine SAND with gravel, fill	72					
UL	3			---	13.6				
	4		Compact moist brown silty SAND with gravel and trace of clay, possible fill	---					
B	5			4					
UL	6			4	15.2	115			
	7			4					
C	8		6'0" Extremely compact moist brown SAND & GRAVEL with stones and clayey sand seams	16					
UL	9			15					
	10			16					
	11								
	12								
	13								
	14								
	15								
	16								
	17								
	18								
	19								
	20								
	21								
	22								
	23								
	24								
	25								
TYPE OF SAMPLE		REMARKS:		GROUND WATER OBSERVATIONS					
D.	- DISTURBED			G.W. ENCOUNTERED AT					
U.L.	- UNDIST. LINER			G.W. ENCOUNTERED AT					
S.T.	- SHELBY TUBE			G.W. AFTER COMPLETION	None				
S.S.	- SPLIT SPOON			G.W. AFTER	HRS.				
R.C.	- ROCK CORE			G.W. VOLUMES					
( )	- PENETROMETER		Standard Penetration Test - Driving 2" OD Sampler 1' With 140# Hammer Falling 30°. Count Made at 6" Intervals	FT.	INS.				