

MSET PROJECT NO.: 10452		LOG OF BORING NO. B-3		Page 1 of 1						
PROJECT: Hassel Road Culvert Replacement			SITE LOCATION: Hoffman Estates, IL							
BORING LOCATION: STA 60+75, 30' N of CL			CLIENT: Hey & Associates							
DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS		REMARKS		
				TYPE/INTERVAL	NO.	N-VALUE Blows per ft.	Wc%		Dry Unit Weight, pcf	Unconfined Compressive Strength, tsf
0		Black and Brown Silty CLAY, little to some Sand and Gravel: fill, hard	795.4	SS	1	16	12	-	4.0 (p)	
5		Yellow-Brown and Grey Crushed Gravel, little Clay: fill, slightly dense	792.4	SS	2	8	7	-	-	
		Gravel and Clay Mixed		SS	3	4	11	-	-	
10		Grey SAND (f-c), trace Gravel (SP), medium dense	785.9	SS	4	8	17	-	-	
				SS	5	14	15	-	-	
15		Grey Silty CLAY, trace Sand and Gravel (CL), stiff to hard	781.9	SS	6	9	12	129	1.63	
				SS	7	19	19	111	4.86	
20				SS	8	18	18	113	3.10	
25				SS	9	13	17	107	1.94	
30		End of Boring @ 30'	765.4	SS	10	17	20	111	2.41	

WATER LEVEL OBSERVATIONS, ft.  
 DURING DRILLING: 9.0'  
 IMMEDIATELY AFTER DRILLING: 9.0'  
 DELAYED READING AFTER



BORING STARTED: 12/10/10  
 BORING COMPLETED: 12/10/10  
 LOGGED BY: SPE  
 BORING METHOD: CFA

MSET PROJECT NO.: 10452		LOG OF BORING NO. B-4		Page 1 of 1						
PROJECT: Hassel Road Culvert Replacement			SITE LOCATION: Hoffman Estates, IL							
BORING LOCATION: STA 60+30, 40' S of CL			CLIENT: Hey & Associates							
DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS		REMARKS		
				TYPE/INTERVAL	NO.	N-VALUE Blows per ft.	Wc%		Dry Unit Weight, pcf	Unconfined Compressive Strength, tsf
0		Brown and Dark Brown Silty CLAY, little to some Sand and Gravel: fill, firm to stiff	796.1	SS	1	5	9	-	1.0 (p)	
5				SS	2	5	16	-	0.5 (p)	
				SS	3	5	14	116	0.70	
10		Black CLAY Topsoil, some Sand, soft	788.1	SS	4	1	25	100	0.39	
				SS	5	2	23	-	-	
15		Brown and Grey Clayey SILT, little Sand, trace Gravel (ML-CL), very stiff	783.1	SS	6	5	21	-	-	
				SS	7	50/2"	23	103	3.03	
20		Grey Silty CLAY, little Sand, trace Gravel (CL), very stiff	777.6	SS	8	15	14	115	2.17	
25				SS	9	12	19	110	2.95	
30		End of Boring @ 30'	766.1	SS	10	18	22	106	3.03	Hole Caved @ 13.8' upon completion

WATER LEVEL OBSERVATIONS, ft.  
 DURING DRILLING: 10.5'  
 IMMEDIATELY AFTER DRILLING: 9.8'  
 DELAYED READING AFTER



BORING STARTED: 12/10/10  
 BORING COMPLETED: 12/10/10  
 LOGGED BY: SPE  
 BORING METHOD: CFA

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