

MSET PROJECT NO.: 11218		LOG OF BORING NO. B-1				Page 1 of 1			
PROJECT: Grand Avenue Underpass		SITE LOCATION: Lake County, IL							
BORING LOCATION: STA. 72+10		CLIENT: Civiltech Engineering, Inc.							
DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS		REMARKS	
				TYPE/INTERVAL	NO.	N-VALUE Blows per ft.	Wc%		Dry Unit Weight, pcf
0		Black Silty CLAY Topsoil	790.5						
		Brown Silty CLAY, little Sand, trace Gravel, A-6, stiff to very hard	789.9	SS	1	7	28	86	1.24
		few intermittent fine sand or silt seams							
5				SS	2	20	16	114	7.63
				SS	3	28	15	113	6.80
10		Brown and Grey		SS	4	32	16	114	10.09
				SS	5	31	18	110	9.70
15				SS	6	23	18	111	8.54
				SS	7	20	19	107	6.01
20		Grey Silty CLAY, trace Sand and Gravel, A-6, very stiff	772.5	SS	8	17	18	111	3.26
				SS	9	16	18	111	3.49
25		small cobble @ 24'		SS	10	18	17	113	3.57
				SS	11	13	20	107	2.95
30		End of Boring @ 30'	760.5	SS	12	14	18	112	2.17

WATER LEVEL OBSERVATIONS, ft.  
 DURING DRILLING: 18.5'  
 IMMEDIATELY AFTER DRILLING: dry  
 DELAYED READING AFTER



BORING STARTED: 3/29/11  
 BORING COMPLETED: 3/29/11  
 LOGGED BY: SPE  
 BORING METHOD: CFA

Midland Standard Engineering & Testing, Inc. 558 Plate Drive Unit 6, East Dundee, IL 60118 (847) 844-1895 f(847) 844-3875

MSET PROJECT NO.: 11218		LOG OF BORING NO. B-2				Page 1 of 1			
PROJECT: Grand Avenue Underpass		SITE LOCATION: Lake County, IL							
BORING LOCATION: STA. 71+00		CLIENT: Civiltech Engineering, Inc.							
DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS		REMARKS	
				TYPE/INTERVAL	NO.	N-VALUE Blows per ft.	Wc%		Dry Unit Weight, pcf
0		Black Silty CLAY Topsoil	795.2						
		Brown Silty CLAY, little Sand, trace Gravel, A-6, hard to very hard	794.6	SS	1	10	19	107	4.35
		to Brown and Grey		SS	2	21	16	113	8.57
5				SS	3	35	17	115	10.90
				SS	4	24	18	112	7.53
10				SS	5	19	15	115	5.82
				SS	6	16	16	115	5.43
15		to very stiff wet Sand Seam @ 19.5'		SS	7	18	15	114	4.12
				SS	8	15	14	113	3.76
20		Grey Silty CLAY, little Sand, trace Gravel, A-6, very stiff	774.7	SS	9	11	19	110	1.94
				SS	10	10	20	108	1.75
25				SS	11	14	16	115	2.13
				SS	12	16	16	115	3.18
30		End of Boring @ 30'	765.2						

WATER LEVEL OBSERVATIONS, ft.  
 DURING DRILLING: 19.5'  
 IMMEDIATELY AFTER DRILLING: 27.5'  
 DELAYED READING AFTER



BORING STARTED: 3/21/11  
 BORING COMPLETED: 3/21/11  
 LOGGED BY: SPE  
 BORING METHOD: CFA

Midland Standard Engineering & Testing, Inc. 558 Plate Drive Unit 6, East Dundee, IL 60118 (847) 844-1895 f(847) 844-3875

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