

MSET PROJECT NO.: 11218		LOG OF BORING NO. B-3		Page 1 of 1					
PROJECT: Grand Avenue Underpass			SITE LOCATION: Lake County, IL						
BORING LOCATION: STA. 70+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		5-1/2" Bituminous Concrete over 7-1/2" Brown Sand and Gravel Base Course	795.2						
		Dark Olive Grey to Olive Grey Silty CLAY, little Sand, trace Gravel, A-6, very stiff	794.1	SS	1	9	16	111	2.72
5		Brown and Grey Silty CLAY, little Sand, trace Gravel, A-6, hard to very hard	791.2	SS	2	16	19	108	5.28
				SS	3	24	16	115	10.90
				SS	4	28	17	112	9.82
				SS	5	20	17	114	8.96
				SS	6	22	17	115	8.61
15		Grey Silty CLAY, trace Sand and Gravel, A-6, very stiff to stiff	779.7	SS	7	12	18	113	2.87
				SS	8	11	20	108	1.75
				SS	9	11	14	120	1.94
25		wet Sandy Silt Seam @ 24.5'		SS	10	11	11	127	1.55
				SS	11	12	14	120	1.47
30		End of Boring @ 30'	765.2	SS	12	13	13	122	1.59

WATER LEVEL OBSERVATIONS, ft.
 DURING DRILLING: 24.5'
 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

MSET PROJECT NO.: 11218		LOG OF BORING NO. B-5		Page 1 of 1					
PROJECT: Grand Avenue Underpass			SITE LOCATION: Lake County, IL						
BORING LOCATION: STA. 68+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		Yellow-Brown Crushed Gravel	794.1						
		Dark Brown Silty CLAY Topsoil	793.6						
		Brown and Yellow-Brown Silty CLAY, little Sand and Gravel, A-6, stiff to hard	792.9	SS	1	9	26	90	1.90
5		to Brown and Grey		SS	2	12	16	111	2.17
				SS	3	22	17	111	6.71
				SS	4	26	18	109	6.21
				SS	5	24	18	114	6.56
15		Grey Silty CLAY, trace Sand and Gravel, A-6, very stiff to stiff	781.6	SS	6	17	18	114	2.87
				SS	7	13	12	125	1.78
				SS	8	13	14	120	2.17
				SS	9	12	14	120	2.10
				SS	10	11	18	110	1.78
				SS	11	11	18	110	2.48
30		End of Boring @ 30'	764.1	SS	12	11	13	120	1.16

WATER LEVEL OBSERVATIONS, ft.
 DURING DRILLING: none
 IMMEDIATELY AFTER DRILLING: dry
 DELAYED READING AFTER



BORING STARTED: 3/24/11
 BORING COMPLETED: 3/24/11
 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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DRAWN - D. ATKINS
 DESIGNED - M. LANGE
 CHECKED - G. HATLESTAD
 DATE - DECEMBER 19, 2011

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WALL B SOIL BORING LOGS
 WALL B; MILLENNIUM TRAIL

SHEET NO. W55 OF W55 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0541	10-F3000-00-BT	LAKE	91	46
CONTRACT NO.				

ILLINOIS FED. AID PROJECT