

MSET PROJECT NO.: 11218		LOG OF BORING NO. B-4		Page 1 of 1					
PROJECT: Grand Avenue Underpass		SITE LOCATION: Lake County, IL							
BORING LOCATION: STA. 69+28		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		6" Bituminous Concrete over 10-1/2" Brown Crushed Gravel base course, wet	793.3						
		Brown and Black Silty CLAY: fill, very stiff	791.9	SS	1	6	25	93	2.02
		Brown and Grey Silty CLAY, trace Sand and Gravel, A-6, stiff to hard	790.3	SS	2	7	22	96	1.09
5				SS	3	20	18	113	6.79
		cobble @ 9.5'		SS	4	25	17	114	4.46
		Grey Silty CLAY, trace Sand and Gravel, A-6, stiff	781.3	SS	5	20	19	109	3.65
				SS	6	13	19	110	1.86
				SS	7	9	15	119	1.36
				SS	8	7	14	120	1.01
		very stiff to stiff		SS	9	9	19	111	2.21
				SS	10	10	19	110	1.94
				SS	11	9	20	108	1.90
				SS	12	10	20	108	1.28
30		End of Boring @ 30'	763.3						Hole Caved @ 27.5' Upon Completion

WATER LEVEL OBSERVATIONS, ft.
 DURING DRILLING: 13.0'
 IMMEDIATELY AFTER DRILLING: 4.6'
 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-6		Page 1 of 1					
PROJECT: Grand Avenue Underpass		SITE LOCATION: Lake County, IL							
BORING LOCATION: STA. 67+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		4" Brown Crushed Gravel	795.2						
		Dark Brown Silty CLAY Topsoil	794.9						
		Brown and Yellow-Brown Silty CLAY, little Sand, trace Gravel, A-6, stiff to hard	794.0	SS	1	6	18	104	1.36
				SS	2	14	18	109	4.50
5		to Brown and Grey		SS	3	22	16	114	8.26
				SS	4	23	17	112	6.40
		to very stiff		SS	5	19	19	110	3.34
		Grey Silty CLAY, little Sand, trace Gravel, A-6, very stiff to stiff	782.2	SS	6	15	15	120	2.13
				SS	7	12	16	115	1.74
				SS	8	11	14	121	2.33
				SS	9	11	14	116	1.94
				SS	10	12	16	115	1.55
				SS	11	10	16	115	1.51
				SS	12	13	16	115	1.55
30		End of Boring @ 30'	765.2						

WATER LEVEL OBSERVATIONS, ft.
 DURING DRILLING: 7.5'
 IMMEDIATELY AFTER DRILLING: 13.3'
 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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 11/4/05 AM
 12/15/2011



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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 A SOIL BORINGS
 WALL A; MILLENNIUM TRAIL

SHEET NO. WA5 OF WA5 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0541	10-F3000-00-BT	LAKE	91	41
				CONTRACT NO.
ILLINOIS FED. AID PROJECT				