

Contract #63422

MSET PROJECT NO.: 89205		LOG OF BORING NO. B-1		Page 1 of 2		
PROJECT: Gilmer Road Underpass		CLIENT: Civitech Engineering, Inc.				
LOCATION: Lake County, Illinois						
DEPTH (feet)	SOIL TYPE	MATERIAL DESCRIPTION	Elevation	SAMPLE TYPE/ INTERVAL	TESTS	REMARKS
		Ground Surface	812.1			
2"		Shoulder Gravel	811.9			
		Brown SAND and GRAVEL mixed with Grey, little Black Silty CLAY: FILL				
		Brown and Grey Silty CLAY, A-6	810.1	SS 1	9 8	4.0 C _p
				SS 2	9 17	3.26
		Brown-Grey		SS 3	15 15	3.57
				SS 4	23 21	7.09
		Grey Silty CLAY, A-6	801.6	SS 5	16 20	3.49
				SS 6	16 20	3.91
				SS 7	12 20	2.52
				SS 8	13 18	2.21
		continued	792.1			
WATER LEVEL OBSERVATIONS, ft.		BORING STARTED: 3/20/09		BORING COMPLETED: 3/20/09		
During Drilling: 10.5'		LOGGED BY: SPE		BORING METHOD: HSA		
Immediately After Drilling: 4.2'		MSET				
Delayed Reading After 2 Hours: 1.7'		Midland Standard Engineering & Testing, Inc. 2675 West Commerce Drive Unit 607 Volo, IL 60073 (847) 270-8832 (847) 270-8836				

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PROJECT: Gilmer Road Underpass		CLIENT: Civitech Engineering, Inc.				
LOCATION: Lake County, Illinois						
DEPTH (feet)	SOIL TYPE	MATERIAL DESCRIPTION	Elevation	SAMPLE TYPE/ INTERVAL	TESTS	REMARKS
		Continued	792.1			
		Grey Silty CLAY, A-6		SS 9	9 20	2.60
				SS 10	22 14	2.17
				SS 11	22 14	2.25
		Grey SAND, A-2	784.1			
		Grey Silty CLAY, A-6	783.1	SS 12	10 15	3.02
		End of Boring @ 30.0'	782.1			
WATER LEVEL OBSERVATIONS, ft.		BORING STARTED: 3/20/09		BORING COMPLETED: 3/20/09		
During Drilling: 10.5'		LOGGED BY: SPE		BORING METHOD: HSA		
Immediately After Drilling: 4.2'		MSET				
Delayed Reading After 2 Hours: 1.7'		Midland Standard Engineering & Testing, Inc. 2675 West Commerce Drive Unit 607 Volo, IL 60073 (847) 270-8832 (847) 270-8836				

MSET PROJECT NO.: 89205		LOG OF BORING NO. B-2		Page 1 of 2		
PROJECT: Gilmer Road Underpass		CLIENT: Civitech Engineering, Inc.				
LOCATION: Lake County, Illinois						
DEPTH (feet)	SOIL TYPE	MATERIAL DESCRIPTION	Elevation	SAMPLE TYPE/ INTERVAL	TESTS	REMARKS
		Ground Surface	812.3			
		Dark Brown and Brown GRAVEL and SAND, mixed with little Clay: FILL				
		Yellow-Brown Silty Clay LOAM, A-6	810.7	SS 1	6 12	2.25 C _p
				SS 2	9 12	1.55
		Brown and Grey Silty CLAY, A-6	806.8	SS 3	9 17	3.37
		Brown Clay LOAM to LOAM, A-4, wet	804.3	SS 4	13 13	
		Grey Silty CLAY, A-6	799.3	SS 5	10 12	
				SS 6	12 21	3.18
				SS 7	15 21	2.94
				SS 8	17 20	3.10
		continued	792.3			
WATER LEVEL OBSERVATIONS, ft.		BORING STARTED: 3/20/09		BORING COMPLETED: 3/20/09		
During Drilling: 8.0'		LOGGED BY: SPE		BORING METHOD: HSA		
Immediately After Drilling: 11.3'		MSET				
Delayed Reading After 1 Hour: 2.4'		Midland Standard Engineering & Testing, Inc. 2675 West Commerce Drive Unit 607 Volo, IL 60073 (847) 270-8832 (847) 270-8836				

MSET PROJECT NO.: 89205		LOG OF BORING NO. B-2		Page 2 of 2		
PROJECT: Gilmer Road Underpass		CLIENT: Civitech Engineering, Inc.				
LOCATION: Lake County, Illinois						
DEPTH (feet)	SOIL TYPE	MATERIAL DESCRIPTION	Elevation	SAMPLE TYPE/ INTERVAL	TESTS	REMARKS
		Continued	792.3			
		Grey Silty CLAY, A-6		SS 9	14 21	1.86
				SS 10	16 21	3.22
				SS 11	15 15	2.07
				SS 12	17 14	2.25
		End of Boring @ 30.0'	782.3			
WATER LEVEL OBSERVATIONS, ft.		BORING STARTED: 3/20/09		BORING COMPLETED: 3/20/09		
During Drilling: 8.0'		LOGGED BY: SPE		BORING METHOD: HSA		
Immediately After Drilling: 11.3'		MSET				
Delayed Reading After 1 Hour: 2.4'		Midland Standard Engineering & Testing, Inc. 2675 West Commerce Drive Unit 607 Volo, IL 60073 (847) 270-8832 (847) 270-8836				

LAKE COUNTY FOREST PRESERVE DISTRICT

SOIL BORING LOGS

GILMER ROAD TRAIL UNDERPASS
 SEC 08-F3000-07-BT
 STA. 274+14.15
 STRUCTURE NO. 049-N006

DRAWN BY: D. Atkins
 CHECKED BY: G. Hatlestad DATE: December 17, 2010

REVISIONS	
NAME	DATE



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