MSET PROJECT NO.: 12352 | **LOG OF BORING NO. B-1** | Page 1 of 1

PROJECT: Grass Lake Road, Bike Trail Underpass | SITE LOCATION: Lindenhurst, Il.

BORING LOCATION: South Headwall | CLIENT: Civiltech Engineering, Inc.

DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE TYPE/ INTERVAL	SAMPLE NO.	SAMPLE N-VALUE Blows per ft.	TESTS Wc%	TESTS Dry Unit Weight, pcf	TESTS Unconfined Compressive Strength, tsf	REMARKS
0		Brown Silty CLAY mixed with Shoulder Gravel, FILL	764.0	SS	1	7	11			
		Brown to Brown and Grey Silty Clay LOAM, A-6 very stiff to hard	762.0	SS	2	11	16	103	3.01	
5				SS	3	21	17	110	8.34	
				SS	4	25	17	105	7.18	
10				SS	5	22	19	107	4.95	
		Grey CLAY, A-6 hard to stiff	750.5	SS	6	19	18	106	4.07	
15				SS	7	14	19	105	4.27	
				SS	8	12	20	102	1.94	
20										
				SS	9	9	21	101	1.55	
25										
		Grey SAND & GRAVEL, A-1 medium dense	734.3	SS	10	12	23	100	2.02	
30		End of Boring at 30.0 Feet	734.0							

WATER LEVEL OBSERVATIONS, ft.
DURING DRILLING: ▽ 29.7
IMMEDIATELY AFTER DRILLING: ▽ 25.4
DELAYED READING AFTER

MSET

BORING STARTED: 7/19/12
BORING COMPLETED: 7/19/12
LOGGED BY: SPE
BORING METHOD: CFA

MSET PROJECT NO.: 12352 | **LOG OF BORING NO. B-2** | Page 1 of 1

PROJECT: Grass Lake Road, Bike Trail Underpass | SITE LOCATION: Lindenhurst, Il.

BORING LOCATION: North Headwall | CLIENT: Civiltech Engineering, Inc.

DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE TYPE/ INTERVAL	SAMPLE NO.	SAMPLE N-VALUE Blows per ft.	TESTS Wc%	TESTS Dry Unit Weight, pcf	TESTS Unconfined Compressive Strength, tsf	REMARKS
0		Dark Brown Silty CLAY, A-6 Topsoil	762.0							
		Brown to Brown & Grey Silty Clay LOAM, A-6 very stiff to hard	761.2	SS	1	10	23	90	2.48	
5				SS	2	17	15		4.5+ Qp	
				SS	3	17	16	107	8.10	
10				SS	4	21	17	113	8.92	
				SS	5	14	20	107	4.95	
15				SS	6	15	20	104	4.95	
				SS	7	14	19	104	2.01	
		Grey CLAY, A-6 hard to very stiff	744.0	SS	8	13	20	107	4.21	
20										
				SS	9	13	22	101	3.88	
25		Grey Silty Clay LOAM, A-4 to A-6 very stiff	737.0							
				SS	10	9	16	115	2.17	
30		End of Boring at 30.0 Feet	732.0							

WATER LEVEL OBSERVATIONS, ft.
DURING DRILLING: ▽ None
IMMEDIATELY AFTER DRILLING: ▽ Dry
DELAYED READING AFTER

MSET

BORING STARTED: 7/19/12
BORING COMPLETED: 7/19/12
LOGGED BY: SPE
BORING METHOD: CFA

MSET PROJECT NO.: 12352 | **LOG OF BORING NO. B-3** | Page 1 of 1

PROJECT: Grass Lake Road, Bike Trail Underpass | SITE LOCATION: Lindenhurst, Il.

BORING LOCATION: North Headwall | CLIENT: Civiltech Engineering, Inc.

DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE TYPE/ INTERVAL	SAMPLE NO.	SAMPLE N-VALUE Blows per ft.	TESTS Wc%	TESTS Dry Unit Weight, pcf	TESTS Unconfined Compressive Strength, tsf	REMARKS
0		Black to Dark Brown Silty CLAY, A-6 Topsoil	764.0							
		Brown to Brown & Grey Silty Clay LOAM, A-6 hard	762.8	SS	1	10	19		4.5 Qp	
5				SS	2	18	15		4.5+ Qp	
				SS	3	23	16	107	7.45	
10				SS	4	24	19	108	6.30	
				SS	5	15	22	102	5.75	
		Grey CLAY, A-6 very stiff to stiff	751.0	SS	6	14	19	108	3.06	
15				SS	7	13	20	107	2.95	
				SS	8	12	15	109	1.78	
20		Wet SAND & GRAVEL seam at 19.5'								
				SS	9	9	19	110	1.78	
25										
				SS	10	19	10			
30		End of Boring at 30 Feet	734.0							

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

MSET

BORING STARTED: 7/19/12
BORING COMPLETED: 7/19/12
LOGGED BY: SPE
BORING METHOD: CFA

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DRAWN	K. BOCHNOWSKI	REVISED	-
DESIGNED	M. LANGE	REVISED	-
CHECKED	G. HATLESTAD	REVISED	-
DATE	DECEMBER 17, 2012	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UNDERPASS SOIL BORING LOGS
GRASS LAKE ROAD OVER BIKE PATH
STRUCTURE NO. 049-3070
SHEET NO. S10 OF S10 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0174	09-P0075-15-BT	LAKE	74	32
		CONTRACT NO. 63778		
	ILLINOIS FED. AID PROJECT			