

BLOOM COMPANIES, LLC. CHICAGO, ILLINOIS

BORING LOG

JOB NO: **BM3-1272** CLIENT: **ILLINOIS DEPARTMENT OF TRANSPORTATION** BORING NO: **BR2-1**
 PROJECT: **IL-53 Improvements - Thorndale Avenue to Army Trail Road** STATION: **90+72**
 LOCATION: **Barrier Wall No. 2** OFFSET: **27' LT**
 BORING RIG & METHOD: **Diedrich D-50 w/Hollow Stem Augers** SURF ELEV: **735.7**

DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	0.0-1.0	734.7	Gr Clay A-7-6 (Topsoil)		Auger 2			19.7
	1.0-2.5		FILL: Br to Black Silty Clay A-7-6; trace Sand and Gravel, trace Organics	13	4-4	1.0	15	18.2
	3.5-5.0			17	4	2.1	15	27.2
		729.7			3			
	6.0-7.5	727.7	Hard Gr to Green Silty Clay Loam A-7-6, trace Gravel	15	4-7	4.7	15	22.9
					4			
	8.5-10.0	725.2	Stiff Br Clay A-4 (7), trace Gravel	16	5-8	1.9	15	17.3
					4			
	11.0-12.5	722.7	Hard Br Clay A-6, trace Gravel	15	4-5	5.0	15	17.5
					3			
	13.5-15.0			17	7-11	2.5	15	19.5
					5			
	16.0-17.5		Very Stiff Br Clay A-6, trace Gravel	18	7-10	2.9	15	15.8
					3			
20	18.5-20.0	715.7		18	5-7	2.5	15	16.3

Boring terminated @ 20'

REMARKS Automatic Hammer Used.

(.) Denotes Calibrated Penetrometer Estimate

WATER	DRY FT. ELEV.	DURING DRILLING	CORE SIZE	IN.	DATE:	Jan 13, 10
WATER	Caved@15 FT. ELEV.	AT COMPLETION	CASING LENGTH	FT.	DRILLER:	Shlimon
WATER	FT. ELEV.	AFTER HRS.	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

BLOOM COMPANIES, LLC. CHICAGO, ILLINOIS

BORING LOG

JOB NO: **BM3-1272** CLIENT: **ILLINOIS DEPARTMENT OF TRANSPORTATION** BORING NO: **BR2-2**
 PROJECT: **IL-53 Improvements - Thorndale Avenue to Army Trail Road** STATION: **92+06**
 LOCATION: **Barrier Wall No. 2** OFFSET: **17' LT**
 BORING RIG & METHOD: **Diedrich D-50 w/Hollow Stem Augers** SURF ELEV: **735.9**

DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	0.0-1.0	734.9	FILL: Br Sand and Gravel A-1-a		Auger 11			7.3
	1.0-2.5			13	11-7	1.4	15	21.1
	3.5-5.0		FILL: Gr to Black Silty Clay A-7-6; trace Sand and Gravel, trace Organics	15	3	0.4	15	34.0
		729.4			3			
	6.0-7.5	727.9	Stiff Green Silty Clay Loam A-7-6, trace Gravel	17	4-4	1.0	15	30.9
					7			
	8.5-10.0			16	8-9	2.5	15	17.6
					4			
	11.0-12.5		Very Stiff to Hard Br Clay A-6, trace Gravel	17	7-11	4.1		17.5
					4			
	13.5-15.0	720.9		18	6-10	2.5	15	15.1
					4			
	16.0-17.5		Very Stiff Gr Clay A-6, trace Gravel	17	7-9	2.5	15	15.2
					4			
20	18.5-20.0	715.9		16	6-9	2.3	15	17.4

Boring terminated @ 20'

REMARKS Automatic Hammer Used.

(.) Denotes Calibrated Penetrometer Estimate

WATER	DRY FT. ELEV.	DURING DRILLING	CORE SIZE	IN.	DATE:	Jan 13, 10
WATER	Caved@14 FT. ELEV.	AT COMPLETION	CASING LENGTH	FT.	DRILLER:	Shlimon
WATER	FT. ELEV.	AFTER HRS.	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

DESIGNED - N/A
 CHECKED - N/A
 DRAWN - A. Durbak
 CHECKED - R. DiGiulio

NOISE WALL - SOIL BORINGS 3
ILLINOIS ROUTE 53
FAU 2578 SECTION 532B-1
DUPAGE COUNTY

PATRICK ENGINEERING INC.
 4970 VARSITY DRIVE
 Lisle, IL 60532
 patrickengineering.com

SHEET NO. S15 OF S25	F.A.P RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 594
	CONTRACT NO. 60477				
12/3/2010		ILLINOIS FED. AID PROJECT			