

BLOOM COMPANIES, LLC. BORING LOG CHICAGO, ILLINOIS

JOB NO: **BM3-1272** CLIENT: **ILLINOIS DEPARTMENT OF TRANSPORTATION** BORING NO: **BR3-3**
 PROJECT: **IL-53 Improvements - Thorndale Avenue to Army Trail Road** STATION: **93+07**
 LOCATION: **Barrier Wall No. 3** OFFSET: **20' RT**
 BORING RIG & METHOD: **Diedrich D-50 w/Hollow Stem Augers** SURF ELEV: **736.5**

DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	0.0-1.0	735.5	FILL: Br Sand and Gravel A-1-a		Auger			8.3
	1.0-2.5	733.5	FILL: Green to Black Silty Clay A-6, trace Gravel	14	6-7	3.7	15	21.1
	3.5-5.0	730.5	FILL: Black Organic Clay A-6	13	6-8	1.2	15	17.1
	6.0-7.5		Medium Stiff to Stiff Br Clay A-6, trace Gravel	15	6-5	0.8	15	19.9
10	8.5-10.0	726.0		17	4-5	1.7	15	20.6
	11.0-12.5		Hard to Very Stiff Gr Clay A-6, trace Gravel	17	2-14	4.1	15	17.3
	13.5-15.0			17	7-10	2.7	15	15.8
	16.0-17.5			16	6-9	2.5	15	16.8
20	18.5-20.0	716.5		16	5-9	2.5	15	18.7

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	@13.5	AT COMPLETION	CASING LENGTH	FT.	DRILLER:	Shlimon
WATER		FT. ELEV.	AFTER HRS.	CASING DIAMETER	IN.	INSPECTOR:	Kuzel

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JOB NO: **BM3-1272** CLIENT: **ILLINOIS DEPARTMENT OF TRANSPORTATION** BORING NO: **BR3-4**
 PROJECT: **IL-53 Improvements - Thorndale Avenue to Army Trail Road** STATION: **94+68**
 LOCATION: **Barrier Wall No. 3** OFFSET: **21' RT**
 BORING RIG & METHOD: **Diedrich D-50 w/Hollow Stem Augers** SURF ELEV: **737.1**

DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	0.0-1.0	736.1	FILL: Br Sand and Gravel A-1-a		Auger			7.2
	1.0-2.5	734.1	FILL: Br Clay A-6, trace Gravel	14	8-8	(3.5)		18.3
	3.5-5.0		FILL: Black Organic Clay A-6, little Sand	15	4-3	1.2	15	19.1
	6.0-7.5	729.1		6	3-3	1.2	15	24.4
10	8.5-10.0		Stiff to Very Stiff Br to Gr Silty Clay A-6, trace Gravel	10	3	1.2	15	17.5
	11.0-12.5			17	5-8	2.5	15	17.3
	13.5-15.0			17	6-10	1.2	15	15.1
	16.0-17.5			16	8-9	1.2	15	17.4
20	18.5-20.0	717.1		17	6-9	2.1	15	15.4

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		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 6
ILLINOIS ROUTE 53
FAU 2578 SECTION 532B-1
DUPAGE COUNTY


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

SHEET NO. S18 OF S25	F.A.P. RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 597
	CONTRACT NO. 60477				
12/3/2010		ILLINOIS FED. AID PROJECT			