

**BLOOM COMPANIES, LLC. CHICAGO, ILLINOIS**  
**BORING LOG**  
 JOB NO: **BM3-1272** CLIENT: **ILLINOIS DEPARTMENT OF TRANSPORTATION** BORING NO: **BR3-1**  
 PROJECT: **IL-53 Improvements - Thorndale Avenue to Army Trail Road** STATION: **88+91**  
 LOCATION: **Barrier Wall No. 3** OFFSET: **20' 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 <sub>u</sub>	STRAIN %	WATER CONTENT %
	0.0-1.0	736.1	FILL: Br Sand and Gravel A-1-a		Auger			7.0
	1.0-2.5	734.1	FILL: Br to Black Silty Clay A-6, trace Gravel, trace Organics	15	6-9	4.1	15	21.6
	3.5-5.0	731.1	FILL: Black Organic Clay A-6, trace Gravel	11	3-5	1.7	15	32.9
	6.0-7.5		Medium Stiff to Stiff Br Clay A-6, trace Gravel	16	3-4	0.8	15	29.8
	8.5-10.0	726.6		17	3-4	1.4	15	22.2
	11.0-12.5		Very Stiff to Stiff Gr Clay A-6, trace Gravel	16	6-10	2.5	15	17.8
	13.5-15.0			17	5-9	1.7	15	15.8
	16.0-17.5			17	5-7	1.7	15	17.9
20	18.5-20.0	717.1		17	4-6	1.2	15	18.5

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 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: **BR3-2**  
 PROJECT: **IL-53 Improvements - Thorndale Avenue to Army Trail Road** STATION: **90+88**  
 LOCATION: **Barrier Wall No. 3** OFFSET: **18' RT**  
 BORING RIG & METHOD: **Diedrich D-50 w/Hollow Stem Augers** SURF ELEV: **735.5**

DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
	0.0-1.0	734.5	FILL: Br Sand and Gravel A-1-a		Auger			7.7
	1.0-2.5	732.5	FILL: Br Silty Clay A-6, trace Sand and Gravel	14	5-9	4.1	15	15.4
	3.5-5.0	729.5	FILL: Br to Black Silty Clay A-6, trace Sand and Gravel	16	4-5	2.9	15	20.7
	6.0-7.5	727.5	FILL: Black Organic Clay A-6, trace Gravel	12	3-5	(2.5)		32.9
	8.5-10.0	725.0	Stiff Green Silty Clay A-6, trace Gravel	14	2-3	1.7	15	25.3
	11.0-12.5		Stiff Br Clay A-6, trace Gravel	16	3-5	1.7	15	21.5
	13.5-15.0	719.5		17	4-8	1.4	15	17.4
	16.0-17.5		Very Stiff Gr Clay A-6, trace Gravel	16	7-10	3.3	15	15.5
20	18.5-20.0	715.5		17	7-9	2.5	15	13.6

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 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 5**  
**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. S17 OF S25	F.A.P RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 596
	CONTRACT NO. 60477				
12/3/2010		ILLINOIS FED. AID PROJECT			