

**BLOOM COMPANIES, LLC. CHICAGO, ILLINOIS**

**BORING LOG**

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 <sub>u</sub>	STRAIN %	WATER CONTENT %
	0.0-1.0	735.5	FILL: Br Sand and Gravel A-1-a		Auger 6			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	4 6-8	1.2	15	17.1
	6.0-7.5		Medium Stiff to Stiff Br Clay A-6, trace Gravel	15	4 6-5	0.8	15	19.9
10	8.5-10.0	726.0		17	4 4-5	1.7	15	20.6
	11.0-12.5		Hard to Very Stiff Gr Clay A-6, trace Gravel	17	5 2-14	4.1	15	17.3
	13.5-15.0			17	4 7-10	2.7	15	15.8
	16.0-17.5			16	4 6-9	2.5	15	16.8
20	18.5-20.0	716.5		16	4 5-9	2.5	15	16.7

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 FT. ELEV. AT COMPLETION  CASING LENGTH FT. DRILLER: **Shimon**  
 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: **BR3-4**  
 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 <sub>u</sub>	STRAIN %	WATER CONTENT %
	0.0-1.0	736.1	FILL: Br Sand and Gravel A-1-a		Auger 15			7.2
	1.0-2.5	734.1	FILL: Br Clay A-6, trace Gravel	14	3-8 (3.5)			18.3
	3.5-5.0		FILL: Black Organic Clay A-6, little Sand	15	3 4-3	1.2	15	19.1
	6.0-7.5	729.1		6	3 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 7-9	1.2	15	17.5
	11.0-12.5			17	4 5-8	2.5	15	17.3
	13.5-15.0			17	4 6-10	1.2	15	15.1
	16.0-17.5			16	5 8-9	1.2	15	17.4
20	18.5-20.0	717.1		17	4 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: **Shimon**  
 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			