

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: BM3-1272		CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION		BORING NO: BR4-L5				
PROJECT: IL-53 Improvements - Thorndale Avenue to Army Trail Road.		LOCATION: Barrier Wall No. 4		STATION: 177+69				
BORING RIG & METHOD: Diedrich D-50 w/Hollow Stem Augers				OFFSET: 22' LT				
				SURF ELEV: 701.1				
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/ft	q _u	STRAIN %	WATER CONTENT %
	0.0-1.0	700.1	Sand A-1-a (Gravel Shoulder)		Auger			1.8
	1.0-2.5	698.1	FILL: Gr to Black Silty Clay A-7-8, trace Gravel and Organics	12	5-6			24.8
	3.5-5.0		Medium Stiff to Stiff Br to Gr Clay A-6, trace Gravel	10	3 4-4	0.9	15	20.1
	6.0-7.5	693.1		13	3-3	(1.3)		20.2
10	8.6-10.0	690.6	Loose Br Sand A-3, trace Gravel	16	3 3-4			19.0
	11.0-12.5		Very Stiff Gr Clay A-6, trace Gravel	15	5 5-7	2.3	15	17.4
	13.5-15.0			15	3 5-6	2.5	15	16.4
	16.0-17.5			15	3 5-7	2.3	15	19.1
20	18.5-20.0			5	4 5-7	2.0	15	18.9
	21.0-22.5	679.1	Medium Dense Gr Fine Sand A-3, trace Gravel	18	3 4-6			14.2
	23.5-25.0	675.6		12	4 5-8			15.3
	26.0-27.5			18	5 16-6	(2.8)		12.3
30	28.5-30.0	671.1	Very Stiff Gr Clay Loam A-6, trace Gravel	18	3 4-8	2.6	15	12.4
Boring terminated @ 30'								
REMARKS: Automatic Hammer Used								
() Denotes Calibrated Penetrometer Estimate								
WATER 10 FT. ELEV. 691.1 DURING DRILLING		CORE SIZE		IN. DATE: Mar 29, 10				
WATER FT. ELEV. AT COMPLETION		CASING LENGTH		FT. DRILLER: Shlimon				
WATER 10 FT. ELEV. 691.1 AFTER 2 HRS.		CASING DIAMETER		IN. INSPECTOR: Alsalami				

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

NOISE WALL - SOIL BORINGS 9
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. S21 OF S25	F.A.P RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 600
	CONTRACT NO. 60477				
12/3/2010		ILLINOIS FED. AID PROJECT			