

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-45</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>717+00</b>						
LOCATION: <b>Noise Wall No.9B</b>		OFFSET: <b>48.8'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>633.9</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
0.0-1.0		632.5	9" Bituminous Concrete		Auger			
1.0-2.5		630.4	8" Sand A-1-a	11	7			11
			FILL: Br Sand A-1-a		8.6			
3.5-5.0		628.4	FILL: Gr Silty Clay A-6	14	3			
					2.3	0.9	15	28
8.0-7.5				15	11			9
					19-20			
10	8.5-10.0		FILL: Br Sand A-1-a	13	6			14
					7-9	(2.0)		
	11.0-12.5			16	11			8
					24-15	(1.0)		
	13.5-15.0			<1	13			11
					13-15			
		617.4						
20	18.5-20.0		Possible FILL: Reddish Br Silt A-4, some Clay	12	3			28
					4-18	(2.5)		
		611.9						
	23.5-25.0		Hard Gr Clay A-7-6	15	5			24
					12-15	0.1	15	
		606.9						
30	28.5-30.0		Dense to Very Dense Gr Dolomite Fragments	8	21			7
					17-26			
	33.5-33.6	600.3		<1	50/1"			8
Boring terminated @ 33.6'								
REMARKS Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate								
WATER		Dry FT. ELEV.	0.0	DURING DRILLING	☒	CORE SIZE	IN.	DATE: <b>Oct 24, 08</b>
WATER		FT. ELEV.		AT COMPLETION	☒	CASING LENGTH	FT.	DRILLER: <b>Shlmon</b>
WATER		Dry FT. ELEV.	0.0	AFTER 1/4 HRS.	☒	CASING DIAMETER	IN.	INSPECTOR: <b>Kuzel</b>

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-46</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>718+98</b>						
LOCATION: <b>Noise Wall No.9B</b>		OFFSET: <b>48.0'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>629.8</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
0.0-1.0		628.3	9" Bituminous Concrete		Auger			
1.0-2.5		626.8	8" Sand A-1-a	10	4			15
			FILL: Br Sand A-1-a, Clay lumps noted		4-5			
3.5-5.0		624.3	FILL: Black to Br Clay A-7-6	8	6			26
					3-3			
8.0-7.5			FILL: Black to Br Clay Loam A-4	14	5			13
					6-17	1.2	15	
10	8.5-10.0			10	6			11
					7-15	(1.5)		
	11.0-12.5			13	3			24
					6-7	1.6	15	
	13.5-15.0		FILL: Black Silty Clay A-7-6, trace Organic matter noted	15	3			22
					5-6	2.8	15	
		612.8						
20	18.5-20.0		Hard Br Clay A-6	14	5			17
					11-9	6.3	15	
		607.8						
	23.5-25.0		Very Dense Br Sand A-1-a	13	8			10
					17-34			
		601.2		<1	50/1"			-
Boring terminated @ 28.6'								
REMARKS Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate								
WATER		10 FT. ELEV.	619.8	DURING DRILLING	☒	CORE SIZE	IN.	DATE: <b>Oct 27, 08</b>
WATER		FT. ELEV.		AT COMPLETION	☒	CASING LENGTH	FT.	DRILLER: <b>Shlmon</b>
WATER		* FT. ELEV.		AFTER 1/4 HRS.	☒	CASING DIAMETER	IN.	INSPECTOR: <b>Kuzel</b>

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-47</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>720+97</b>						
LOCATION: <b>Noise Wall No.9B</b>		OFFSET: <b>48.2'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>625.7</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
0.0-1.0		624.4	8" Bituminous Concrete		Auger			
1.0-2.5		622.7	8" Sand A-1-a	14	4			16
			FILL: Br Silty Loam A-4		4-3	(3.0)		
3.5-5.0			FILL: Gr Clay A-6	11	3			17
					7-8	2.7	15	
8.0-7.5		617.7		12	4			15
					8-8	2.1	15	
10	8.5-10.0		FILL: Gr Sandy Clay A-4	13	9			15
					23-17			
	11.0-12.5			10	3			31
					4-5	2.4	15	
	13.5-15.0		FILL: Black Silty Clay A-7-6, trace Organic matter noted	14	3			17
					4-6	(2.5)		
		609.7						
20	18.5-20.0		Very Dense Br Sand A-1-a	13	8			12
					20-30			
		603.2						
	23.5-25.0		Stiff Gr Sandy Clay A-4, trace Gravel	10	7			10
					13-17	(1.0)		
		598.7						
30	28.5-30.0		Very Stiff to Stiff Gr Silty Clay A-6	16	4			23
					6-7	2.0	3	
	33.5-35.0	590.7		14	8			16
					13-20	1.8	7	
Boring terminated @ 35'								
REMARKS Automatic Hammer Used. ( ) Denotes Calibrated Penetrometer Estimate								
WATER		18 FT. ELEV.	607.7	DURING DRILLING	☒	CORE SIZE	IN.	DATE: <b>Oct 27, 08</b>
WATER		FT. ELEV.		AT COMPLETION	☒	CASING LENGTH	FT.	DRILLER: <b>Shlmon</b>
WATER		* FT. ELEV.		AFTER 1/4 HRS.	☒	CASING DIAMETER	IN.	INSPECTOR: <b>Kuzel</b>

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DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-



SHEET NO. 12	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	99 (1&2) I-12	WILL	147	98
14 SHEETS	CONTRACT NO. 60B04				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					

SOIL BORING LOGS  
STRUCTURE NO. 099-W025