

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO:	BM3-1272	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	B-11			
PROJECT:	Bridge Replacement at Cumberland Avenue and I-90	STATION:	116+16	OFFSET:	42' RT			
LOCATION:	Bridge South Abutment	SURF ELEV.:	657.9					
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers							
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	0.0-1.0	656.9	FILL: Br Sand A-3, little Clay		Auger			13.8
	1.0-2.5	654.9	FILL: Br Sand A-1-a	12	3 6-8			4.2
	3.5-5.0			13	2 3-4	2.0	15	19.6
	6.0-7.5			12	2 2-3	1.7	15	20.5
	8.5-10.0		FILL: Br to Gr Silty Clay A-6, trace Gravel	15	2 2-3	1.4	15	21.9
	11.0-12.5			12	3 3-4	1.7	15	18.8
	13.5-15.0	642.4		16	3 6-8	3.9	15	20.4
	16.0-17.5			17	3 5-7	4.1	15	16.5
	18.5-20.0		FILL: Br to Gr Clay A-6, trace Gravel	15	3 4-6	2.6	15	18.6
	21.0-22.5			16	4 6-8	2.4	15	17.2
	23.5-25.0	633.9		16	5 7-10	3.5	15	17.0
	26.0-27.5	629.9	Very Stiff Green to Gr Clay Loam A-6, trace Gravel	17	4 7-10	2.4	15	19.3
	28.5-30.0	628.4	Medium Dense Br to Gr Sand A-3	18	6 10-8			10.6
	33.5-35.0			18	4 5-7	3.1	15	19.6
	38.5-40.0		Very Stiff to Stiff Gr Silty Clay A-6, trace Gravel	18	3 4-8	1.5	15	19.5
REMARKS			Automatic Hammer Used			() Denotes Calibrated Penetrometer Estimate		
WATER	77 FT. ELEV.	580.9	DURING DRILLING	▽	CORE SIZE	IN.	DATE:	Apr 14, 10
WATER	FT. ELEV.		AT COMPLETION	▽	CASING LENGTH	FT.	DRILLER:	Shlmon
WATER	Caved@66 FT. ELEV.	591.9	AFTER 1/4 HRS.	▽	CASING DIAMETER	IN.	INSPECTOR:	Alsalam

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO:	BM3-1272	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	B-11 (cont.)			
PROJECT:	Bridge Replacement at Cumberland Avenue and I-90	STATION:	116+16	OFFSET:	42' RT			
LOCATION:	Bridge South Abutment	SURF ELEV.:	657.9					
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers							
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	43.5-45.0			18	3 4-6	1.9	15	17.3
	48.5-50.0		Very Stiff to Stiff Gr Silty Clay A-6, trace Gravel	18	4 6-8	2.9	15	17.6
	53.5-55.0			18	3 5-6	1.7	15	16.4
	58.5-60.0			18	3 4-6	1.7	15	16.8
	63.5-65.0	595.9		18	9 13-22			14.1
	68.5-70.0		Dense Gr Silt A-4, trace Gravel	18	12 18-19			16.8
	73.5-75.0	580.9		18	10 24-25			9.8
	78.5-80.0	577.9	Hard Gr Silty Loam A-4, trace Gravel (Hardpan)	3	14 25-30	(4.5+)		12.4
REMARKS			Automatic Hammer Used			() Denotes Calibrated Penetrometer Estimate		
WATER	77 FT. ELEV.	580.9	DURING DRILLING	▽	CORE SIZE	IN.	DATE:	Apr 14, 10
WATER	FT. ELEV.		AT COMPLETION	▽	CASING LENGTH	FT.	DRILLER:	Shlmon
WATER	Caved@66 FT. ELEV.	591.9	AFTER 1/4 HRS.	▽	CASING DIAMETER	IN.	INSPECTOR:	Alsalam

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO:	BM3-1272	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	B-12			
PROJECT:	Bridge Replacement at Cumberland Avenue and I-90	STATION:	116+15	OFFSET:	49' RT			
LOCATION:	Bridge South Abutment	SURF ELEV.:	657.2					
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers							
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	0.0-1.0	656.4	FILL: Br to Gr Silty Clay A-7-6, trace Gravel		Auger			35.3
	1.0-2.5			12	2 3-5	(2.5)		14.4
	3.5-5.0			12	3 4-3	2.1	15	16.8
	6.0-7.5			11	1 3-4	1.4	15	21.1
	8.5-10.0		FILL: Br to Gr Silty Clay A-6, trace Gravel	15	2 3-5	1.1	15	25.0
	11.0-12.5			15	2 4-6	2.1	15	18.3
	13.5-15.0	641.7		16	3 3-5	2.0	15	20.4
	16.0-17.5			16	3 7-10	3.2	15	19.4
	18.5-20.0		FILL: Br to Gr Clay A-6, trace Gravel	14	5 7-9	3.5	15	17.9
	21.0-22.5			17	4 5-10	3.4	15	18.1
	23.5-25.0	633.2		15	4 7-11	3.7	15	17.3
	26.0-27.5	629.2	Very Stiff Green to Gr Clay Loam A-6, trace Gravel	15	3 4-5	2.0	15	17.8
	28.5-30.0		Medium Dense Br Sand A-3	16	4 7-9			7.7
	33.5-35.0	625.2		18	3 3-3			20.8
	38.5-40.0	620.2	Loose Gr Silt A-4	18	3 3-8	2.3	15	22.3
			Very Stiff to Stiff Gr Silty Clay A-6, trace Gravel	18	3 3-8	2.3	15	22.3
REMARKS			Automatic Hammer Used			() Denotes Calibrated Penetrometer Estimate		
WATER	37 FT. ELEV.	620.2	DURING DRILLING	▽	CORE SIZE	IN.	DATE:	Apr 9, 10
WATER	FT. ELEV.		AT COMPLETION	▽	CASING LENGTH	FT.	DRILLER:	Shlmon
WATER	32 FT. ELEV.	625.2	AFTER 72 HRS.	▽	CASING DIAMETER	IN.	INSPECTOR:	Alsalam

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