

BLOOM CONSULTANTS, LLC. **BORING LOG** SCHAUMBURG, ILLINOIS

JOB NO: BM3-1102 CLIENT: CH2M HILL BORING NO: B-14
 PROJECT: New Box Culverts and Retaining Walls - U.S. Route 20 STATION: 132+63
 LOCATION: Rohlwing Road to Addison Road - Du Page County, Illinois OFFSET: 22.7' Lt
 BORING RIG & METHOD: Diedrich D-120 w/Hollow Stem Augers SURF ELEV: 717.8

DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC. In.	BLOWS/6'	q _u tsf	STRAIN %	WATER CONTENT %
0.0-1.0		716.8	12" Bituminous Concrete		Auger			
1.0-2.5				10	7			5
2.5-3.5			FILL: Br Sand A-1-a	4	5-10			
3.5-5.0		718.9		4	3			7
5.0-6.0				10	2-4	(1.6)		27
6.0-7.5				1	2			
7.5-8.5			Stiff to Medium Stiff Br to Gr Clay A-7-6	8	2-1	1.4	15	27
8.5-10.0			- Organic matter noted @ 11'-12"	2	2			
10.0-12.5		704.4		18	2-2	0.8	15	47
12.5-13.5				2	2			
13.5-15.0				14	3-4	1.6	15	23
15.0-16.0				3	3			
16.0-17.5			Stiff to Very Stiff Gr Clay A-6	13	4-7	2.9	15	21
17.5-18.5				4	4			
18.5-20.0				14	5-8	2.8	15	24
20.0-21.0		695.9		4	4			
21.0-22.5		694.5	Loose Gr Sand A-1-b	18	4-4			17
22.5-23.5				3	3			
23.5-25.0			Very Stiff to Stiff Gr Clay A-6	14	4-6	2.5	15	20
25.0-26.0				3	3			
26.0-27.5		689.4		16	3-5	1.9	15	21
27.5-28.5				3	3			
28.5-30.0			Very Stiff Gr Clay Loam A-6	14	4-6	2.1	15	15
30.0-33.5				4	4			
33.5-35.0		681.8		18	4-7	2.1	15	13
35.0-38.5				4	4			
38.5-40.0			Very Stiff Gr Clay A-6	14	6-10	2.8	15	22
40.0-43.5				4	4			
43.5-45.0		672.8		18	6-10	3.0	15	22

Boring terminated at 45'

REMARKS Automatic Hammer Used. 1) Denotes Calibrated Penetrometer Estimate

WATER 16.3 FT. ELEV. 701.5 DURING DRILLING CORE SIZE IN. DATE: Apr 21, 03
 WATER AT COMPLETION FT. DRILLER: Lubben
 WATER Caved @ 16 FT. ELEV. 701.8 AFTER 1/4 HRS. CASING DIAMETER IN. INSPECTOR: Allemano

BLOOM CONSULTANTS, LLC. **BORING LOG** SCHAUMBURG, ILLINOIS

JOB NO: BM3-1102 CLIENT: CH2M HILL BORING NO: B-15
 PROJECT: New Box Culverts and Retaining Walls - U.S. Route 20 STATION: 143+03
 LOCATION: Rohlwing Road to Addison Road - Du Page County, Illinois OFFSET: 37.3' Rt
 BORING RIG & METHOD: Diedrich D-120 w/Hollow Stem Augers SURF ELEV: 710.8

DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC. In.	BLOWS/6'	q _u tsf	STRAIN %	WATER CONTENT %
0.0-1.0		710.0	2" Bituminous Concrete		Auger			4
1.0-2.5			8" P.C. Concrete	5	10			4
2.5-3.5		707.4	FILL: Br Sand A-1-a	9-9	3			
3.5-5.0				11	2-4	1.7	15	28
5.0-6.0				2	2			
6.0-7.5		702.5	Stiff Gr to Br Clay A-7-6	18	3-4	1.8	15	27
7.5-8.5				5	5			
8.5-10.0				16	6-8	4.3	15	17
10.0-11.0				4	4			
11.0-12.5				14	4-8	3.1	15	17
12.5-13.5				3	3			
13.5-15.0			Hard to Very Stiff Gr Clay A-6	14	5-6	2.8	15	18
15.0-16.0				3	3			
16.0-17.5				18	4-7	2.6	15	19
17.5-18.5				3	3			
18.5-20.0		689.9		15	4-6	2.1	15	16
20.0-21.0				3	3			
21.0-22.5			Stiff to Very Stiff Gr Clay Loam A-6	18	5-6	1.8	15	15
22.5-23.5				3	3			
23.5-25.0				18	5-8	2.1	15	21
25.0-26.0				4	4			
26.0-27.5		681.4		18	5-10	3.4	15	20
27.5-28.5				3	3			
28.5-30.0			Dense Gr Sand A-1-b	14	11-22			11
30.0-33.5		677.4		12	12			
33.5-35.0		675.8	Hard Gr Clay Loam A-6	16	11-14	5.7	15	11

Boring terminated at 35'

REMARKS Automatic Hammer Used. 1) Denotes Calibrated Penetrometer Estimate

WATER Dry FT. ELEV. DURING DRILLING CORE SIZE IN. DATE: Apr 22, 03
 WATER Dry FT. ELEV. AT COMPLETION FT. DRILLER: Lubben
 WATER Dry FT. ELEV. AFTER 1/4 HRS. CASING DIAMETER IN. INSPECTOR: Allemano

BLOOM CONSULTANTS, LLC. **BORING LOG** SCHAUMBURG, ILLINOIS

JOB NO: BM3-1102 CLIENT: CH2M HILL BORING NO: B-16
 PROJECT: New Box Culverts and Retaining Walls - U.S. Route 20 STATION: 143+07
 LOCATION: Rohlwing Road to Addison Road - Du Page County, Illinois OFFSET: 66.0' Lt
 BORING RIG & METHOD: Diedrich D-120 w/Hollow Stem Augers SURF ELEV: 713.0

DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC. In.	BLOWS/6'	q _u tsf	STRAIN %	WATER CONTENT %
0.0-1.0		711.9	6" Bituminous Concrete		Auger			6
1.0-2.5			1" P.C. Concrete	8	3			20
2.5-3.5				3-5	1.8	15		
3.5-5.0				2	2			
5.0-6.0			Stiff to Very Stiff Dark Gr to Br Clay A-6	11	3-4	1.4	15	21
6.0-7.5				3	3			
7.5-8.5				13	2-4	2.4	15	22
8.5-10.0				2	2			
10.0-11.0		702.1		16	3-5	3.1	15	22
11.0-12.5				4	4			
12.5-13.5			Hard to Very Stiff Br Clay A-6	18	8-10	5.0	15	19
13.5-15.0				3	3			
15.0-16.0				15	5-8	2.2	15	20
16.0-17.5		697.2		3	3			
17.5-18.5				18	5-6	1.9	15	19
18.5-20.0				3	3			
20.0-21.0			Stiff to Very Stiff Gr Clay A-6	18	3-5	1.7	15	19
21.0-22.5				3	3			
22.5-23.5				18	3-5	1.8	15	17
23.5-25.0				3	3			
25.0-26.0				18	3-6	1.7	15	16
26.0-27.5		685.0		3	3			
27.5-28.5				18	4-7	2.7	15	20
28.5-30.0			Very Stiff Gr Clay Loam A-6	4	4			
30.0-33.5		679.6		18	4-7	2.8	15	14
33.5-35.0				7	7			
35.0-38.5			Medium Dense Gr Sand A-1-b	16	10-12			11
38.5-40.0		674.7		4	4			
40.0-43.5		673.0	Stiff Gr Clay Loam A-6	18	6-8	1.8	15	15

Boring terminated at 40'

REMARKS Automatic Hammer Used. 1) Denotes Calibrated Penetrometer Estimate

WATER 33.5 FT. ELEV. 679.5 DURING DRILLING CORE SIZE IN. DATE: Apr 23, 03
 WATER AT COMPLETION FT. DRILLER: Lubben
 WATER Caved @ 19.5 FT. ELEV. 693.5 AFTER 1/4 HRS. CASING DIAMETER IN. INSPECTOR: Allemano

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

US ROUTE 20 (LAKE STREET)

DRAWN BY: BLOOM
 CHECKED BY:
 DATE: 03/01/05

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