

BLOOM CONSULTANTS, LLC. SCHAUMBURG, ILLINOIS

BORING LOG

JOB NO: BM3-102 CLIENT: CH2M HILL BORING NO: B-11  
 PROJECT: New Box Culverts and Retaining Walls - U.S. Route 20 STATION: 122+64  
 LOCATION: Rohlwing Road to Addison Road - Du Page County, Illinois OFFSET: 68.5' RT  
 BORING RIG & METHOD: Diedrich D-120 w/Hollow Stem Augers SURF ELEV: 732.8

DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC. In.	BLOWS/6'	q <sub>u</sub> tsf	STRAIN %	WATER CONTENT %
0.0-1.0		734.4	4" Bituminous Concrete 7.5" P.C. Concrete 5" Sand & Gravel Base		Auger			8
1.0-2.5				14	3 3-5	15	15	24
3.5-5.0		727.3	Stiff Br Clay A-6	15	2 2-3	16	15	26
6.0-7.5				18	2 4-5	12	15	14
8.5-10.0		722.8	Stiff to Very Stiff Br to Gr Clay Loam A-6	18	4 5-10	3.3	15	20

Boring terminated at 10'

REMARKS Automatic Hammer Used. ) Denotes Calibrated Penetrometer Estimate

WATER	Dry FT. ELEV.	DURING DRILLING	☑ CORE SIZE	IN. DATE:	May 7, 03
WATER	Dry FT. ELEV.	AT COMPLETION	☑ CASING LENGTH	FT. DRILLER:	Lubben
WATER	Dry FT. ELEV.	AFTER 1/4 HRS.	☑ CASING DIAMETER	IN. INSPECTOR:	Allemana

BLOOM CONSULTANTS, LLC. SCHAUMBURG, ILLINOIS

BORING LOG

JOB NO: BM3-102 CLIENT: CH2M HILL BORING NO: B-12  
 PROJECT: New Box Culverts and Retaining Walls - U.S. Route 20 STATION: 123+22  
 LOCATION: Rohlwing Road to Addison Road - Du Page County, Illinois OFFSET: 69.0' RT  
 BORING RIG & METHOD: Diedrich D-120 w/Hollow Stem Augers SURF ELEV: 729.4

DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC. In.	BLOWS/6'	q <sub>u</sub> tsf	STRAIN %	WATER CONTENT %
0.0-1.0		728.0	4" Bituminous Concrete 8" P.C. Concrete 5" Sand & Gravel Base		Auger			9
1.0-2.5				10	2 3-6	15	15	23
3.5-5.0		723.6	Stiff to Very Stiff Br Clay A-6	15	4 5-8	2.7	15	19
6.0-7.5				16	4 6-10	4.0	15	22
8.5-10.0		719.4	Hard Br Clay A-6	18	4 8-15	5.0	15	18

Boring terminated at 10' <<<>

REMARKS Automatic Hammer Used. ) Denotes Calibrated Penetrometer Estimate

WATER	Dry FT. ELEV.	DURING DRILLING	☑ CORE SIZE	IN. DATE:	May 7, 03
WATER	Dry FT. ELEV.	AT COMPLETION	☑ CASING LENGTH	FT. DRILLER:	Lubben
WATER	Dry FT. ELEV.	AFTER 1/4 HRS.	☑ CASING DIAMETER	IN. INSPECTOR:	Allemana

BLOOM CONSULTANTS, LLC. SCHAUMBURG, ILLINOIS

BORING LOG

JOB NO: BM3-102 CLIENT: CH2M HILL BORING NO: B-13  
 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: 32.3' RT  
 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 <sub>u</sub> tsf	STRAIN %	WATER CONTENT %
0.0-1.0		716.4	3" Bituminous Concrete		Auger			3
1.0-2.5		714.4	8" P.C. Concrete 6" Sand & Gravel Base	14	3 3-3			4
3.5-5.0		711.9	ELL: Br Sand A-1-a Medium Stiff Dark Gr Silty Clay A-7-6	12	2-4 3	1.3	15	27
6.0-7.5		709.5	Stiff Br Clay A-7-6	13	2-3 3	2.0	15	25
8.5-10.0				14	3-9 5-9	4.0	15	19
11.0-12.5		704.4	Hard to Very Stiff Gr Clay A-6	12	3 5-6	2.4	15	18
13.5-15.0				12	4 5-10	4.2	15	16
16.0-17.5		699.5	Hard Gr Clay A-6	14	4 7-10	4.4	15	16
18.5-20.0				16	4 4-7	1.8	15	15
21.0-22.5		694.8	Stiff Gr Clay Loam A-6	18	4 3-6	1.7	15	13
23.5-25.0				18	4 4-5	2.6	15	21
26.0-27.5				18	2 5-6	2.3	15	22
28.5-30.0				18	3 5-7	2.7	15	21
33.5-35.0			Very Stiff Gr Clay A-6	18	4 5-9	2.6	15	19
38.5-40.0		677.8		18	4 5-9	2.4	15	21

Boring terminated at 40'

REMARKS Automatic Hammer Used. ) Denotes Calibrated Penetrometer Estimate

WATER	Dry FT. ELEV.	DURING DRILLING	☑ CORE SIZE	IN. DATE:	Apr 21, 03
WATER	Dry FT. ELEV.	AT COMPLETION	☑ CASING LENGTH	FT. DRILLER:	Lubben
WATER	Dry FT. ELEV.	AFTER 1/4 HRS.	☑ CASING DIAMETER	IN. INSPECTOR:	Allemana

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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