F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	1Y-B-R-1	LAKE	12	72
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 62032

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG BB-6

Page 1 of 2

WEI Job No.: 950-08-01

Client Christian Roge and Associates, Inc.

Project IL21/US45 Over Aptakisic Creek, IDOT # D-91-198-06

Location T43N, R11E, Sect. 35 NW 1/4, Lake County, IL

Datum: NGVD
Elevation: 194.46 m
North: 610325.12 m
East: 334135.17 m
Station: 9+991.0
Offset: 16.2R

Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Recovery	Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
194.0	Dark brown SILTY CLAY	1				x x x	---	13
	Dark brown to dark brown and gray ORGANIC SILT	2				2 2 2	67 P	26
192.9	Gray, coarse to fine SAND AND coarse to fine GRAVEL, trace silt	3				1 2 6	48 B	59
		4				6	---	9
192.2		5				7 12	---	15
		6				7	287 P	15
191.1	--@ 10' - SILT AND SAND seam	7				6 6 10	249 B	17
	Gray SILT, trace clay, trace medium to fine sand	8				5 6 6	393 B	23
189.6	--@ 15' - CLAY AND fine SAND seam	9				8 9 9	---	20
	Gray and brown SILTY SANDY CLAY, trace coarse to fine gravel	10				4 5	77 B	9
189.1	Gray CLAYEY SILT, little coarse to fine sand, trace coarse to fine gravel	11				5	192 B	15
		12				4 4 8	115 B	13
		13				4 6 6	182 B	15
		14				4	57	17
185.0	Gray SILTY CLAY, little coarse to fine sand, trace coarse to fine gravel	8				5	B	
		9				4 6 8	268 B	17
		10				4 5 7	268 B	16
		11				4 7 10	374 B	16
		12				8 11 12	402 B	17
		13				5 8 12	402 B	15
		14				5 11 13	374 B	17
		15				6 9 12	335 B	17
		16				9 12 15	297 B	13
		17				9 15 23	354 B	14
	--@ 49' - with gravel	18				9	383	14

GENERAL NOTES

Begin Drilling 08-14-2001 Complete Drilling 08-14-2001
Drilling Contractor Contract Drilling Co. Drill Rig CME 45
Driller R. Wolf Logger J. Dalton Checked by E. Datz
Drilling Method 6-inch HSA

WATER LEVEL DATA

While Drilling ▽ 1.52 m
At Completion of Drilling ▽ 1.80 m
Time After Drilling 168 hours
Depth to Water ▽ 0.61 m

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

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BORING LOG BB-6

Page 2 of 2

WEI Job No.: 950-08-01

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Offset: 16.2R

Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type	Recovery	Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
		16				12	B	
		17				9 15 25	374 B	14
		18				9 9 16	297 B	17
175.9	Gray SILTY CLAY with silt and sand layers	19				12 12 19	268 B	12
		20				6 10 16	201 B	11
		21				12 16 22	153 B	23
		22				7 10 12	220 B	21
		23				0 17 18	230 B	33
		24				7 10 13	297 B	31
172.2	Boring terminated at 22.25 m	25				6 9 10	240 B	33

GENERAL NOTES

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Drilling Contractor Contract Drilling Co. Drill Rig CME 45
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The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS-VI
U.S. RTE. 45 / IL. RTE. 21
OVER
APTAKISIC CREEK
F.A.P. RTE. 330 SECTION: 1Y-B-R-1
LAKE COUNTY STATION 10+000.000
STRUCTURE NO. 049-0194

SCALE: NONE DRAWN BY: D.L./F.M.
DATE: OCTOBER 16, 2007 CHECKED BY: B.N.S.

CHRISTIAN-ROGE & ASSOC., INC.
CHICAGO ILLINOIS

...\Name\Boring logs-VI.dgn 11/7/2007 10:12:07 AM