F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	121	78
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. XXXXX

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 RB-17

Page 1 of 1

WEI Job No.: 555-12-01

Client IDOT Project No. D-91-336-06,

Project FAP 330 [IL21 to US45] Inverrary Ln to Deerfield Rd

Location Village of Buffalo Grove, Lake County IL

Datum NGVD
Elevation 59.96 m
North m
East m
Station 10+222.6
Offset 9.3L

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type recovery	Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
		Black SILTY CLAY --FILL--		1	1	x x	...	18
	59.6	Dark gray to brown SILTY CLAY, some coarse to fine sand		2	2	6	613 B	14
	59.4	Brown, coarse to fine SAND and SILT	1	3	3	5 4	144 P	12
	58.9	Brown, coarse to fine SAND and coarse to fine GRAVEL, trace silt		4	4	9 11 10	...	5
			2	5	5	12 13 14	...	3
				6	6	13 12 13	...	6
	56.6	Gray SILTY CLAY, trace medium to fine sand, with silt seams -- A-7-6 --	3	7	7	2 4 5	201 B	26
			4	8	8	5 8 9	297 B	24
	55.2	Boring terminated at 4.72 m	5					

GENERAL NOTES

Begin Drilling 08-21-2001 Complete Drilling 08-21-2001
Drilling Contractor Contract Drilling Co. Drill Rig CME 45
Driller B. Wolf Logger J. Dalton Checked by
Drilling Method 6-inch HSA

WATER LEVEL DATA

While Drilling ▽ 3.20 m
At Completion of Drilling ▼ 2.53 m
Time After Drilling 48 hours
Depth to Water ▼ 2.53 m

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

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BORING LOG RB-18

Page 1 of 1

WEI Job No.: 555-12-01

Client IDOT Project No. D-91-336-06,

Project FAP 330 [IL21 to US45] Inverrary Ln to Deerfield Rd

Location Village of Buffalo Grove, Lake County IL

Datum NGVD
Elevation 60.02 m
North m
East m
Station 10+245.2
Offset 9.0L

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type recovery	Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
		Black SILTY CLAY		1	1	x x	...	7
	59.6	Dark gray, coarse to fine SAND and SILT		2	2	8 10	450 P	17
	59.3	Brown, coarse to fine SAND, some silt	1	3	3	7	144 P	11
	58.3	Brown, coarse to fine SAND and coarse to fine GRAVEL, trace to little silt, with cobble		4	4	3 3 4	249 B	16
			2	5	5	6 8 13	...	6
			3	6	6	10 11 12	...	8
	55.9	Gray SILTY CLAY, trace medium to fine sand, with silt seam -- A-7-6 --	4	7	7	7 8 6	...	9
	55.3	Boring terminated at 4.72 m	5	8	8	3 6 6	211 B	26

GENERAL NOTES

Begin Drilling 08-21-2001 Complete Drilling 08-21-2001
Drilling Contractor Contract Drilling Co. Drill Rig CME 45
Driller B. Wolf Logger J. Dalton Checked by
Drilling Method 6-inch HSA

WATER LEVEL DATA

While Drilling ▽ 3.35 m
At Completion of Drilling ▼ 2.87 m
Time After Drilling 48 hours
Depth to Water ▼ 2.77 m

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RETAINING WALL
SOIL BORING LOGS

US 45/IL RTE. 21 OVER
APTAKISIC CREEK

DRAWN BY: M.S.M.
CHECKED BY: S.D.H.
DATE: 11-27-07

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

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11/27/2007