60997

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 337 (IL 22)	19R-1	LAKE	800	577
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
100 Fairbank Street
Addison, IL 60101
Telephone: 630 458-0700
Fax: 630 458-0900

BORING LOG RW 5-6

WEI Job No.: 119-01-01

Client URS Corporation
Project Rte.22 (FAP 337) Realignment, IDOT D-91-326-00
Location Lake County, Illinois

Datum: NGVD
Elevation: 265.08 m
North: 613454.23 m
East: 319759.65 m
Station: 8+798.032
Offset: 15.6754 RT

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
	296.8		16					
			17		17	3 5 6	182 B	22
			18		18	8 12 10	110 B	13
	295.8	Boring terminated at 18.29 m	19					
			20					
			21					

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BORING LOG RW 5-8

WEI Job No.: 119-01-01

Client URS Corporation
Project Rte.22 (FAP 337) Realignment, IDOT D-91-326-00
Location Lake County, Illinois

Datum: NGVD
Elevation: 265.78 m
North: 613458.18 m
East: 319782.19 m
Station: 8+819.623
Offset: 12.241 RT

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
	265.7	102-mm thick ASPHALTIC CONCRTE						
		--PAVEMENT--						
		102-mm thick CRUSHED STONE						
		--BASE COURSE--						
		76-mm thick, black CLAY						
		--BURIED TOPSOIL--						
		Hard, brown and gray SILTY CLAY, little gravel	1		1	3 4 6	311 P	24
			2		2	6 11 11	383 P	19
			3		3	3 8 15	661 S	14
			4		4	2 8 11	613 B	18
			5		5	4 9 14	651 B	18
			6		6	4 10 13	594 B	20
			7		7	5 8 10	527 B	21
			8		8	4 8 9	422 B	19
			9		9	4 7 10	517 B	18
	253.8	Very stiff to stiff, gray SILTY CLAY	10		10	3 4	201 B	22

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
			6		11	2 4 6	182 B	19
			9		12	2 4 4	172 B	19
	256.2	Medium stiff to stiff, gray SILTY CLAY, little gravel	10					
			11		13	2 3 4	94 B	20
			12		14	3 4 5	153 B	17
			13		15	38 50/127	72 B	18
	251.5	Stiff to very stiff, gray SILTY CLAY, little gravel	14					
			15		16	3 6	196 B	22

WANGENGINC 119101.GPJ WANGENG.GDT 3/6/02

GENERAL NOTES

Begin Drilling 01-30-2002 Complete Drilling 01-30-2002
Drilling Contractor Patrick Drilling, Inc. Drill Rig CME 75
Driller K & C Logger H.M. Suhail Checked by E. Datz
Drilling Method 3.25" ID HSA; Boring backfilled upon completion

WATER LEVEL DATA

While Drilling ▽ DRY
At Completion of Drilling ▼ DRY
Time After Drilling NA
Depth to Water ▽ NA

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

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BORING LOG RW 5-8

WEI Job No.: 119-01-01

Client URS Corporation
Project Rte.22 (FAP 337) Realignment, IDOT D-91-326-00
Location Lake County, Illinois

Datum: NGVD
Elevation: 265.78 m
North: 613458.18 m
East: 319782.19 m
Station: 8+819.623
Offset: 12.241 RT

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
			16					
			17		17	3 6 10	165 B	16
			18		18	3 6 8	212 B	18
			19		19	5 7 10	189 B	19
			20					
			21		20	3 6 8	142 B	10
	244.4	Boring terminated at 21.34 m	22					

WANGENGINC 119101.GPJ WANGENG.GDT 3/6/02

GENERAL NOTES

Begin Drilling 01-30-2002 Complete Drilling 01-30-2002
Drilling Contractor Patrick Drilling, Inc. Drill Rig CME 75
Driller K & C Logger H.M. Suhail Checked by E. Datz
Drilling Method 3.25" ID HSA; Boring backfilled upon completion

WATER LEVEL DATA

While Drilling ▽ DRY
At Completion of Drilling ▼ DRY
Time After Drilling NA
Depth to Water ▽ NA

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

BORING LOGS

Date		
Revisions		
	Designed	ACW
	Drawn	BKN
	Checked	KWB
	Approved	KWB

F.A.P. RTE. 337 (IL. RTE. 22)
SECTION 19R-1
WEST OF U.S. 12 TO EAST OF BEUSCHING ROAD
LAKE COUNTY
STATION 8+752.493 TO 8+883.521
STRUCTURE NO. 049-W029

Sheet No. 18 of 23

URS Job No. 2100001385.01