

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 337	(19R-D)	LAKE	800	615
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 33  
37 SHEETS

**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 S-2**  
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: 264.67 m  
North: 613455.50 m  
East: 319749.89 m  
Station: 8+787.565  
Offset: 14.7626 m LT

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Page 2 of 2

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
264.2	Loose, coarse, black SAND --FILL--	0					264.2		0				
	Very stiff to hard, brown and gray SILTY CLAY, little gravel	1	1	3	48	20			8	11	6	142	10
		2	2	5	19	26			9	12	4	260	9
		3	3	5	21	18	254.6	Medium stiff, gray, gravelly SILTY CLAY	10				
		4	4	8	77	27			11	13	2	71	11
		5	5	4	27	19			12	14	5	94	17
		6	6	9	77	19	252.1	Stiff to hard, gray SILTY CLAY, little gravel	13				
		7	7	4	58	19			14	15	3	149	16
259.0	Very stiff to stiff, gray SILTY CLAY, little gravel	8	8	3	34	14			15	16	5	220	13
		9	9	3	25	14			16	17	6	220	13
		10	10	2	11	11			17	18	3	408	14

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
		16							23				
		17	17	4	228	19	240.3	Boring terminated at 24.38 m	24	22	16	704	15
		18	18	3	408	14			25				
		19	19	6	338	15			26				
		20	20	3	346	19			27				
		21	21	6	446	15			28				
		22	22	3	346	19			29				
		23	23	3	346	19			30				

**GENERAL NOTES**  
Begin Drilling 02-04-2002 Complete Drilling 02-04-2002  
Drilling Contractor Patrick Drilling, Inc. Drill Rig CME 75  
Driller K & C Logger E. Datz 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

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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 & ROCK CORE LOGS			
Date	Designed	EV	<b>ELGIN, JOLIET &amp; EASTERN Rwy. CO. BRIDGE OVER ILLINOIS ROUTE 22 F.A.P. ROUTE 337 SECTION (19R-D) LAKE COUNTY STATION 32+611.151 STRUCTURE NO. 049-0188</b>
Revisions	Drawn	EV	
	Checked	NPP	
	Approved	NPP	
Prepared By: URS			Sheet No. <b>33</b> of 37