

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 324	23B-1	McHENRY	97	64
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

Contract # 62892

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

BORING LOG BK-04 Page 1 of 2

WEI Job No.: 487-01-01

Datum: NGVD
Elevation: 797.38 ft
North: 2039554.84 ft
East: 909742.51 ft
Station: 68+86
Offset: 61 LT

Client: **V3 Companies**
Project: **U.S. Rte 23 over Kishwaukee River**
Location: **Marengo, IL**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows/ft)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows/ft)	Qu (tsf)	Moisture Content (%)
771.9	12-inch thick, black SILTY CLAY with organic material --TOPSOIL--	1	1	NP	2.71	60		771.9	Medium dense, gray medium to coarse SAND	11	9	NP	14		
764.4	Very loose, brown, fine SANDY LOAM	2	2	NP						12	4	NP	11		
	Loose, gray, coarse SAND to GRAVELLY SAND	3	3	NP						13	5	NP			
		4	4	NP						13	5	NP			
789.4	Medium dense, gray, medium SAND GRAVEL=5.7% SAND=93.3% SILT+CLAY=1.0%	5	5	NP						13	5	NP			
		6	6	NP						19					
		7	7	NP						12	8	NP	2		
		8	8	NP						14					
		9	9	NP						12	4	NP	15		
		10	10	NP						17	5	NP			
774.4	Medium dense, gray SANDY GRAVEL	11	11	NP				750.8	Very dense, gray GRAVEL and GRAVELLY SILT and BOULDERS	14	8	NP	2		
		12	12	NP						15	4	NP	15		
		13	13	NP						12	7	NP			
		14	14	NP						8	7	NP	2		
		15	15	NP						5	7	NP	15		
		16	16	NP						4	7	NP	15		
		17	17	NP						3	7	NP	15		
		18	18	NP						5	3	NP	10		
		19	19	NP						1	3	NP	10		
		20	20	NP						1	3	NP	10		
		21	21	NP						1	3	NP	10		
		22	22	NP						1	3	NP	10		
		23	23	NP						1	3	NP	10		
		24	24	NP						1	3	NP	10		
		25	25	NP						1	3	NP	10		

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	11-16-2007	Complete Drilling	11-20-2007
Drilling Contractor	DLZ	Drill Rig	D-120
Driller	J & A	Logger	K. Jacob
Checked by	E. Datz	While Drilling	3.00 ft
Drilling Method	Mud rotary after 20'	At Completion of Drilling	NA
		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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DESIGNED	CJB
CHECKED	PWO
DRAWN	DRP
CHECKED	PJM



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BORING LOGS
ILL. ROUTE 23 OVER
KISHWAUKEE RIVER
F.A.P. RT. 324
McHENRY COUNTY
STATION 69+02.50
STRUCTURE NO. 056-0001