

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 324	23B-1	McHENRY	97	69
FED. ROAD DIST. NO. 7		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 BO-1 Page 1 of 2
WEI Job No.: 487-01-01
Datum: NGVD
Elevation: 802.18 ft
North: 2039819.08 ft
East: 909789.66 ft
Station: 72+06
Offset: 18 RT

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

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
800.9	15-inch thick ASPHALT --PAVEMENT--														
	Very stiff, black SILTY CLAY LOAM	1	X	1	3 5 8	2.00	18			11	X	11	4 9 6	NP	16
799.2	Loose, black, fine SANDY LOAM	5	X	2	3 3 8	NP	13			12	X	12	5 7 11	NP	21
		10	X	3	3 3 8	NP	17			13	X	13	5 7 5	NP	16
791.7	Medium dense, brown GRAVELLY SAND	15	X	4	3 3 8	NP	40			14	X	14	7 0 8	NP	17
789.2	Loose, brown, medium SAND	20	X	5	2 5 7	NP	22	785.4	Medium dense to dense, brown GRAVELLY SAND	40	X	15	10 7 7	NP	19
786.7	Medium dense, brown, medium to coarse SAND	25	X	6	5 3 8	NP	23			16	X	16	5 4 6	NP	
			X	7	8 9 13	NP	19								
			X	8	6 7 10	NP	19								
			X	9	8 9 13	NP	13								
			X	10	5 5 8	NP	19								

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	11-29-2007	Complete Drilling	11-29-2007
Drilling Contractor	DLZ	Drill Rig	D-120
Driller	J & A	Logger	K. Jacob
Checked by	E. Datz	Time After Drilling	NA
Drilling Method	Mud rotary after 20'	Depth to Water	NA
		While Drilling	10.50 ft
		At Completion of Drilling	NA
		The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

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		55	X	17	11 10 11	NP	14			60	X	18	13 15 25	NP	12
740.8	Very dense, brown, fine SAND	65	X	19	25 29 21	NP	19								
737.2	Boring terminated at 65.00 ft														

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DESIGNED	CJB
CHECKED	PWO
DRAWN	DRP
CHECKED	PJM



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630.724.9202 fax
www.v3co.com

BORING LOGS
ILL. ROUTE 23 OVER
KISHWAUKEE RIVER
OVERFLOW NO. 1
F.A.P. RT. 324
McHENRY COUNTY
STATION 72+50.00
STRUCTURE NO. 056-0083