

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 324	23B-1	McHENRY	97	61
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-01
WEI Job No.: 487-01-01
Datum: NGVD
Elevation: 802.16 ft
North: 2039379.16 ft
East: 909751.93 ft
Station: 67+51
Offset: 18 LT

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

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Cu (tsf)	Moisture Content (%)
801.4	9-inch thick ASPHALT --PAVEMENT--												
800.4	Medium dense, brown SANDY LOAM	1	4	19	2.25	15			11	7	8	NP	15
798.7	Very stiff, gray CLAY												
798.7	Loose, brown and gray, fine SAND to SANDY LOAM	2	2	4	NP	9			12	4	5	NP	23
794.2	Loose, gray, fine SAND to SANDY LOAM	3	2	3	NP	15	770.4	Loose to dense, brown GRAVELLY SAND					
794.2	Medium dense, brown and gray, medium to coarse SAND	4	2	3	NP	18			13	8	7	NP	16
786.7	Loose to medium dense, brown, fine to medium SAND, trace gravel	7	4	3	NP	18			14	9	6	NR	
		8	4	4	NP	20			15	5	4	NP	9
		9	4	4	NP	20			16	9	14	NP	9
		10	5	7	NP	14							

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	11-30-2007	Complete Drilling	11-30-2007
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 15'	Depth to Water	NA
		While Drilling	
		At Completion of Drilling	
		Time After Drilling	
		Depth to Water	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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	Boring terminated at 75.00 ft												
745.4	Very dense, brown SILTY LOAM								17	30	16	NP	9
									18	23	28	NP	29
									19	33	40	NP	25
735.4	Very stiff, gray CLAY to SILTY CLAY, with thin silt lenses								20	11	16	2.50	19
									21	22	22	NP	15
730.4	Dense, brown and gray, fine SAND												
727.2													

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DESIGNED	CJB
CHECKED	PWO
DRAWN	DRP
CHECKED	PJM



V3 Companies of Illinois Ltd.
7325 Janes Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

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