STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	Will	608	489
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 5
8 SHEETS

Contract No. 62478

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG CS-29

Page 1 of 1

WEI Job No.: 401-01-01
Client: CivilTech Engineering, Inc
Project: US 30, Will Co. Illinois, IDOT D-91-218-02
Location: US 30, Will County, Illinois

Datum: NGVD
Elevation: 710.60 ft
North: ft
East: ft
Station: 991+05
Offset: 40 RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
709.4	14-inch thick, dark brown CLAY LOAM --TOPSOIL--					
	Stiff, brown and gray CLAY --FILL--		1	1 1 2	1.15 B	24
707.6	Stiff, brown and gray CLAY	5	2	2 4 4	1.97 B	27
703.9	Medium dense, brown and gray SILT to SILTY LOAM		3	3 5 5	NP	19
702.6	Medium stiff to very stiff, gray SILTY CLAY to SILTY CLAY LOAM --A-4 (6)-- --LL=25%, PL=16%--	10	4	2 3 4	0.90 B	16
			5	4 6 8	3.61 B	15
698.6	Loose to medium dense, gray SILT to SILTY LOAM	15	6	4 4 4	NP	18
			7	4 5 6	NP	12
		20	8	2 2 3	NP	19
			9	3 5 7	NP	19
		25	10	2 2 4	NP	19

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
			11	2 2 2	NP	31
681.6	Medium dense, gray, medium SAND	30	12	3 4 7	NP	19
		35	13	3 5 8	NP	21
673.9	Medium dense to dense, gray, medium to coarse GRAVELLY SAND	40	14	4 7 9	NP	9
665.6		45	15	10 14 17	NP	9
	Boring terminated at 45.00 ft	50				

GENERAL NOTES

Begin Drilling 04-02-2003 Complete Drilling 04-02-2003
Drilling Contractor TSC Drill Rig CME 75 TMR
Driller C&J Logger H. Suhail Checked by S. Janowski
Drilling Method 3.25" ID HSA; Boring backfilled with bentonite chips upon completion

WATER LEVEL DATA

While Drilling ▽ 32.00 ft
At Completion of Drilling ▼ 26.00 ft
Time After Drilling 24 hours
Depth to Water ▼ 9.50 ft

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

VGINGENGINC 401010 GPJ VANGENG GDT 7/31/03

BORING LOG CS-30

Page 1 of 1

WEI Job No.: 401-01-01
Client: CivilTech Engineering, Inc
Project: US 30, Will Co. Illinois, IDOT D-91-218-02
Location: US 30, Will County, Illinois

Datum: NGVD
Elevation: 715.25 ft
North: ft
East: ft
Station: 991+40
Offset: 5 RT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	Loose, gray CRUSHED STONE, coated with ASPHALT --SHOULDER AGGREGATE--		1	8 4 4	NP	2
712.3	Stiff, dark brown to black CLAY --FILL--	5	2	2 4 5	1.64 B	25
708.8	Medium stiff, brown and gray CLAY		3	2 2 4	0.90 B	36
706.3	Loose, brown, medium SAND		4	3 3 4	2.21 B	17
705.8	Very stiff, brown and gray CLAY	10				
704.8	Stiff, gray CLAY		5	1 3 4	1.07 B	19
701.0	Loose, gray SILT to SILTY LOAM	15	6	3 3 4	NP	15
699.8	Medium stiff, gray CLAY		7	2 2 3	0.66 B	16
697.3	Medium dense, medium SAND	20	8	6 7 7	NP	20
693.6	Medium dense, gray SILT to SILTY LOAM		9	11 14 13	NP	20
691.3	Hard, gray CLAY	25	10	5 7 10	6.22 B	17

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
699.6	Loose to medium dense, gray SILT to SILTY LOAM		11	5 5 5	NP	19
		30	12	2 3 5	NP	19
		35	13	3 3 4	NP	19
678.5	Medium dense to dense, gray, medium to coarse SAND	40	14	5 7 8	NP	13
670.3		45	15	10 12 21	NP	7
	Boring terminated at 45.00 ft	50				

GENERAL NOTES

Begin Drilling 04-01-2003 Complete Drilling 04-01-2003
Drilling Contractor TSC Drill Rig CME 75 TMR
Driller C&J Logger H. Suhail Checked by S. Janowski
Drilling Method 3.25" ID HSA; Boring backfilled with bentonite chips upon completion

WATER LEVEL DATA

While Drilling ▽ 18.50 ft
At Completion of Drilling ▼ 31.50 ft
Time After Drilling NA
Depth to Water ▼ NA

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

VGINGENGINC 401010 GPJ VANGENG GDT 7/31/03

DESIGNED	
CHECKED	
DRAWN	ASJ
CHECKED	SPK

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SOIL BORING LOGS CS-29 & CS-30
HARLEM AVENUE OVER
DRAINAGE DITCH
F.A.P. ROUTE 353 - SEC. (12&13)WRS-4
WILL COUNTY
STATION 991+37.00
STRUCUTURE NO. 099-C028

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