

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
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BORING LOG CS-23

WEI Job No.: 401-01-01

Datum: NGVD
Elevation: 698.60 ft
North: ft
East: ft
Station: 516+95
Offset: 13 RT

Client: **CivilTech Engineering, Inc**
Project: **US 30, Will Co. Illinois, IDOT D-91-218-02**
Location: **US 30, Will County, Illinois**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/ft)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/ft)	Qu (tsf)	Moisture Content (%)
698.34	12-inch thick CRUSHED STONE --SHOULDER AGGREGATE-- Medium stiff, black CLAY --FILL--	1	3	0.80	21		698.34	Medium stiff to very stiff, brown and gray SANDY CLAY LOAM	11	9	11	17	NP
698.34		4	4	0.50	62		698.34		12	10	9	9	3.25
698.34		5	4	1.23	25		698.34		13	9	9	11	NP
693.1	Stiff, brown and gray CLAY	3	1	0.16	27		693.1	Medium dense, gray LOAM	3	1	2	2	0.66
690.6	Very soft to medium stiff, brown and gray CLAY LOAM --A-6 (10)-- --LL=39%, PL=22%--	4	2	1.72	19		690.6	Medium stiff to stiff, brown and gray CLAY, with sand interbeds	3	1	2	2	0.66
688.1	Loose, gray LOAM	5	3	3.85	11		688.1	Stiff, gray SILTY CLAY LOAM	7	5	6	8	1.97
685.6	Medium stiff to stiff, gray CLAY	6	4	0.90	20		685.6	Medium dense, brown SILTY LOAM	8	5	4	8	NP
678.6	Medium dense, gray GRAVELLY SANDY LOAM	8	5	0.50	18		678.6	Medium dense GRAVEL in a brown clay matrix	9	5	6	10	NP
678.1	Very stiff, gray CLAY	9	11	0.90	20		678.1	Medium stiff, gray CLAY	10	3	4	4	0.90
677.1	Medium dense, brown GRAVELLY SAND	10	8				677.1	Loose, brown SILTY LOAM	10	3	4	4	0.90
674.0		10	8				674.0		10	3	4	4	0.90

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-24-2003	Complete Drilling	04-24-2003	While Drilling	10.50 ft		
Drilling Contractor	TSC	Drill Rig	CME 75 TMR	At Completion of Drilling	15.00 ft		
Driller	C&J	Logger	J. Kasnick	Time After Drilling	NA		
Checked by	S. Janowski	Depth to Water	NA				
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite chips upon completion						

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BORING LOG CS-24

WEI Job No.: 401-01-01

Datum: NGVD
Elevation: 698.50 ft
North: ft
East: ft
Station: 517+75
Offset: 13 RT

Client: **CivilTech Engineering, Inc**
Project: **US 30, Will Co. Illinois, IDOT D-91-218-02**
Location: **US 30, Will County, Illinois**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/ft)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/ft)	Qu (tsf)	Moisture Content (%)
698.32	12-inch thick CRUSHED STONE --SHOULDER AGGREGATE-- 9-inch thick, brown, fine SAND --FILL-- Stiff, black and brown CLAY --FILL--	1	4	1.25	17		698.32	Medium dense, gray LOAM to SILTY LOAM	11	4	5	10	NP
693.0	Medium stiff to stiff, brown and gray CLAY, with sand interbeds	3	1	0.66	22		693.0	Medium dense, brown, coarse SAND	14	5	7	7	NP
690.0	Stiff to very stiff, brown and gray CLAY, with sand interbeds	4	4	1.72	19		690.0	Boring terminated at 40.00 ft					
687.0	Medium dense, brown SILTY LOAM	8	5	4	8	NP	687.0						
678.0	Medium dense GRAVEL in a brown clay matrix	9	5	6	10	NP	678.0						
678.5	Medium stiff, gray CLAY	10	3	4	4	0.90	678.5						
674.0	Loose, brown SILTY LOAM	10	3	4	4	0.90	674.0						

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-24-2003	Complete Drilling	04-24-2003	While Drilling	10.50 ft		
Drilling Contractor	TSC	Drill Rig	CME 75 TMR	At Completion of Drilling	14.00 ft		
Driller	C&J	Logger	J. Kasnick	Time After Drilling	NA		
Checked by	S. Janowski	Depth to Water	NA				
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite chips upon completion						

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BORING LOG CS-25

WEI Job No.: 401-01-01

Datum: NGVD
Elevation: 699.20 ft
North: ft
East: ft
Station: 518+85
Offset: 14 RT

Client: **CivilTech Engineering, Inc**
Project: **US 30, Will Co. Illinois, IDOT D-91-218-02**
Location: **US 30, Will County, Illinois**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/ft)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blows/ft)	Qu (tsf)	Moisture Content (%)
698.76	6.5-inch thick CRUSHED STONE --SHOULDER AGGREGATE-- 7.5-inch thick, black SILTY LOAM --FILL-- Very stiff, brown and gray CLAY	1	6	2.50	22		698.76	Medium dense, gray LOAM to SILTY LOAM	11	7	9	9	NP
693.7	Loose, brown SANDY GRAVEL	4	3	2	2	NP	693.7		12	6	6	7	NP
689.7	Medium dense, brown and gray, coarse SAND	5	5	4	7	0.90	689.7		13	3	4	4	NP
687.0	Medium stiff, gray CLAY, with sand interbeds	5	5	4	7	0.90	687.0		14	9	12	14	NP
685.2	Medium dense, gray LOAM	6	6	7	7	NP	685.2		14	9	12	14	NP
683.7	Medium stiff to very stiff, gray CLAY, with sand interbeds	7	4	0.7	18		683.7		14	9	12	14	NP
678.2	BOULDERS AND COBBLES	10	11	3	4	NP	678.2		14	9	12	14	NP

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-24-2003	Complete Drilling	04-24-2003	While Drilling	8.00 ft		
Drilling Contractor	TSC	Drill Rig	CME 75 TMR	At Completion of Drilling	8.50 ft		
Driller	C&J	Logger	J. Kasnick	Time After Drilling	NA		
Checked by	S. Janowski	Depth to Water	NA				
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite chips upon completion						

DESIGNED	
CHECKED	
DRAWN	ASJ
CHECKED	SPK

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SOIL BORING LOGS CS-23, CS-24 & CS-25
U.S. ROUTE 30 AND HILLSIDE ROAD OVER
TRIBUTARY TO HICKORY CREEK
F.A.P. ROUTE 353 SEC. (12&13)WRS-4
WILL COUNTY
STATION 520+20.00
STRUCTURE NO. 099-C027