

T:\1629-PrairiePkwy-Ph2\StructCadd\Prefinal\US4 Retaining Wall 10478800-66985-011-BOG.dgn
05-MAY-2011 10:31

W Wang Engineering, Inc.
Consulting Geotechnical and
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BORING LOG RW-02

WEI Job No.: 107-07-01
Client: **Parsons Brinckerhoff Quade & Douglas, Inc.**
Project: **Prairie Parkway, Phase II US 34**
Location: **Plano, IL**
Datum: NGVD
Elevation: 647.80 ft
North: 1819968.20 ft
East: 931509.80 ft
Station: 14+53.06
Offset: 88.0 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)
647.8	Loose to medium dense, black SANDY LOAM --FILL--	1	4	NP	6	647.8	Boring terminated at 25.00 ft				
647.8		2	4	NP	7						
642.3	Cobbles and steel Hard drilling --FILL--	3		N/A							
642.3		4		N/A							
637.3	Medium dense to dense, brown, fine to medium SAND, some gravel and rock fragments	5	15 17 14	NP	6						
637.3		6	11 15 16	NP	4						
629.8	Hard, brown and gray CLAY	8	6 11 13	NP	4						
629.8		10	17 18	4.50 P	15						
627.3	Dense to very dense, brown, fine SAND, little gravel	9	10 18 19	NP	3						
622.8		10	13 22 28	NP	3						

GENERAL NOTES

Begin Drilling: 02-11-2010 Complete Drilling: 02-11-2010
Drilling Contractor: WTS Drill Rig: Mobile B-57 TMR
Driller: Phil Jeromy Logger: B. Wilson Checked by: A. Kurnia
Drilling Method: 3.25-inch ID HSA; Boring Backfilled Upon Completion

WATER LEVEL DATA

While Drilling: DRY
At Completion of Drilling: DRY
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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BORING LOG I6-RB-27

WEI Job No.: 107-07-01
Client: **Parsons Brinckerhoff Quade & Douglas, Inc.**
Project: **Prairie Parkway, Phase II US 34**
Location: **Plano, IL**
Datum: NGVD
Elevation: 648.70 ft
North: 1819962.19 ft
East: 931553.31 ft
Station: 14+95.97
Offset: 85.7 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)
647.2	6-inch thick black LOAM --TOPSOIL--	1	4 4 4	NP	4	647.2					
647.2	Loose, black and brown SAND to SANDY LOAM, little gravel, slag and cinders --FILL--	2	3 4 2	NP	9	647.2					
647.2		3	4 4 3	NP	13	647.2					
641.7	Medium dense to dense, brown GRAVELLY SAND	4	7 8 11	NP	4	641.7					
641.7		5	13 15 18	NP	4	641.7					
641.7		6	12 15 19	NP	4	641.7					
641.7		7	43 25 13 18	NP	4	641.7					
630.2	Hard, brown and gray CLAY	8	28 38 14 19	6.56 S	18	630.2					
630.2		9	15 16 20 24	10.08 S	14	630.2					
625.5	Dense, brown GRAVELLY SAND	10	11 16 24 24	5.66 S	15	625.5					
625.5		11				625.5					

GENERAL NOTES

Begin Drilling: 07-28-2006 Complete Drilling: 07-28-2006
Drilling Contractor: Precon Drilling Drill Rig: GME-75 ATV
Driller: JK Logger: D.C. Checked by: N. Davis
Drilling Method: 3.25 ID Hollow Stem Augers

WATER LEVEL DATA

While Drilling: DRY
At Completion of Drilling: DRY
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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BORING LOG RW-03

WEI Job No.: 107-07-01
Client: **Parsons Brinckerhoff Quade & Douglas, Inc.**
Project: **Prairie Parkway, Phase II US 34**
Location: **Plano, IL**
Datum: NGVD
Elevation: 647.60 ft
North: 1819972.70 ft
East: 931613.00 ft
Station: 15+53.99
Offset: 87.3 LT

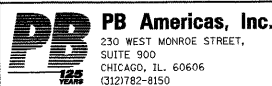
Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	Moisture Content (%)
647.6	Medium dense, black SANDY LOAM --FILL--	1	5 6 8	NP	7	647.6	GRAVELLY fine SAND --A-1-b (0)-- --GRAVEL=15.3%-- --SAND=76.3%-- --SILT=8.2%-- --CLAY=0.2%--	11	9 11 10	NP	2
644.6	Very loose to loose, black SAND --FILL--	2	6 6 5	NP	7	644.6		12	10 12 15	NP	2
641.6	--A-3 (0)-- --GRAVEL=6.4%-- --SAND=84.7%-- --SILT=7.1%-- --CLAY=1.8%--	3	6 6 2	NP	1	641.6		13	9 10 19	NP	2
637.1	Very Stiff, brown CLAY LOAM, little gravel	4	2 1 1	NP	6	637.1		13			
637.1		5	3 4 3	2.13 S	19	637.1					
634.6	Medium dense to dense, brown LOAM, little to some gravel	6	3 8 18	NP	9	634.6					
629.6	Very dense, brown, fine to medium SAND, some gravel	8	10 25 14	NP	10	629.6					
629.6		10	29 29	NP	5	629.6					
627.1	Medium dense to dense, brown SILT	9	13 16 16	NP	16	627.1					
623.1	Medium dense, brown	10	8 11 10	NP	21	623.1					

GENERAL NOTES

Begin Drilling: 02-11-2010 Complete Drilling: 02-11-2010
Drilling Contractor: WTS Drill Rig: Mobile B-57 TMR
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Drilling Method: 3.25-inch ID HSA; Boring Backfilled Upon Completion

WATER LEVEL DATA

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Depth to Water: NA
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FILE NAME = 0478800-66985-011-BOG.dgn
DESIGNED - Y. Ait
CHECKED - M. Shaikh
DRAWN - D. C. PATEL
CHECKED - J. GRAINAWI
PLOT SCALE = NONE
PLOT DATE = 5/5/2011

REVISOR -
REVISION -
REVISOR -
REVISION -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STRUCTURE NO. 047-8800
SHEET NO. 11 OF 13 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	13R-2;14R-1 & BR-1(1);15R-1	KENDALL	429	304
CONTRACT NO. 66985				
ILLINOIS FED. AID PROJECT				