

\* SECT. 12 & 13 WRS-3  
\* CONTRACT NO. 62479

**Wang Engineering, Inc.**  
Consulting Geotechnical and Environmental Engineers  
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100 Fairbank Street  
Addison, IL 60101  
Telephone: 630 458-0700  
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**BORING LOG BS-048**  
WEI Job No.: 301-01-01  
Client: Brighton Engineering Company  
Project: GEOT - US. 30, Will Co, IL, IDOT D-91-219-02  
Location: T35N, R11E, Sec 22-24, R12E, Sec 19-21

Datum: NGVD  
Elevation: 710.92 ft  
North: 1762500.79 ft  
East: 1103980.13 ft  
Station: 285+24.38  
Offset: 29.79 LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blow/ft)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blow/ft)	Qu (tsf)	Moisture Content (%)
	700.4	6-inch thick CRUSHED STONE —SHOULDER AGGREGATE— Hard, dark brown, gravelly CLAY —FILL—	0	1	5 6	9.10 B	16			Boring terminated at 25.00 ft					
	707.9	Stiff to very stiff, brown and gray CLAY	5	2	3 3 4	1.89 B	26				30				
			10	3	2 3 3	2.38 B	20								
			15	4	3 3 3	1.35 B	21				35				
			20	5	4 5 5	3.03 B	17								
	697.3	Hard, gray CLAY to SILTY CLAY	25	6	5 6 8	5.90 B	11				40				
	694.3	Very dense, gray, medium to coarse GRAVELLY SAND	30	7	12 13 13	NP	7								
			35	8	25 28 35	NP	8				45				
	690.4	Hard, gray CLAY to SILTY CLAY	40	9	11 12 14	8.28 B	14								
	685.9		45	10	13 15 18	4.51 B	12				50				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	03-06-2003	Complete Drilling	03-06-2003	While Drilling	▽ 18.00 ft		
Drilling Contractor	TSC	Drill Rig	CME 75 TMR	At Completion of Drilling	▽ 12.50 ft		
Driller	C&J	Logger	H. Suhail	Checked by	S. Janowski	Time After Drilling	24 hours
Drilling Method	2.25" SSA; Boring backfilled with bentonite chips upon completion			Depth to Water	▽ 9.50 ft	The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

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**BORING LOG BS-049**  
WEI Job No.: 301-01-01  
Client: Brighton Engineering Company  
Project: GEOT - US. 30, Will Co, IL, IDOT D-91-219-02  
Location: T35N, R11E, Sec 22-24, R12E, Sec 19-21

Datum: NGVD  
Elevation: 710.88 ft  
North: 1762488.75 ft  
East: 1104055.92 ft  
Station: 286+2.06  
Offset: 29.96 LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blow/ft)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blow/ft)	Qu (tsf)	Moisture Content (%)
	710.1	9-inch thick CRUSHED STONE —SHOULDER AGGREGATE— Hard, dark brown CLAY	0	1	6 8 10	10.08 B	26			Boring terminated at 25.00 ft					
	707.9	Soft, brown SILTY CLAY LOAM	5	2	3 4 4	NA	28				30				
	704.1	Very stiff, brown CLAY	10	3	8 10 16										
	700.4	Very stiff to hard, gray CLAY to SILTY CLAY	15	4	9 9 9	3.69 B	14				35				
			20	5	5 6 7	3.53 B	13								
			25	6	14 16 17	>4.50 P	9				40				
			30	7	12 13 15	2.62 S	10								
			35	8	12 12 12	8.94 S	12				45				
			40	9	12 13 15	7.38 S	11								
	685.9		45	10	14 15 18	5.58 B	11				50				

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	03-06-2003	Complete Drilling	03-06-2003	While Drilling	▽ DRY		
Drilling Contractor	TSC	Drill Rig	CME 75 TMR	At Completion of Drilling	▽ DRY		
Driller	C&J	Logger	H. Suhail	Checked by	S. Janowski	Time After Drilling	24 hours
Drilling Method	2.25" SSA; Boring backfilled with bentonite chips upon completion			Depth to Water	▽ 21.00 ft	The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

DESIGNED	WSP
CHECKED	ASP
DRAWN	BGC
CHECKED	WSP

**DLZ**  
DLZ Illinois, Inc.  
85 W. Algonquin Rd. Ste. 220  
Arlington Heights IL 60005

REVISIONS	
NAME	DATE

**NOISE WALL C  
BORINGS**  
U.S. ROUTE 30 (LINCOLN HIGHWAY)  
F.A.P. 353 (U.S. 30)  
SECTION 12 & 13 WRS-3  
STATION 273+75.74 TO 286+10.14  
WILL COUNTY