

**Wang Engineering, INC.**  
Consulting Geotechnical and Environmental Engineers  
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100 Fairbank Street  
Addison, IL 60101  
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**BORING LOG BS-103**  
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: 729.21 ft  
North: 1763142.28 ft  
East: 1113984.25 ft  
Station: 388+96.16  
Offset: 42.41 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 (%)	
	729.2	1-inch thick, dark brown CLAY LOAM --TOPSOIL--		1	3 3 5	2.54 B	21			Boring terminated at 25.00 ft						
		Stiff to hard, brown CLAY to SILTY CLAY		2	7 11 10	>4.50 P	18									
		-A-6 (17)- -LL=37%, PL=19%-		3	4 5 8	1.97 B	15									
				4	5 8 9	5.82 B	18									
				5	8 9 11	5.00 B	19									
	718.3	Very stiff, gray CLAY to SILTY CLAY		6	4 5 7	3.12 B	19									
				7	5 6 7	2.30 B	19									
				8	5 6 7	2.62 B	19									
				9	4 4 6	2.05 B	20									
	704.2	Hard, gray SILTY CLAY LOAM		10	5 7 8	4.76 B	18									

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-21-2003	Complete Drilling	02-21-2003	While Drilling	∇	DRY	
Drilling Contractor	TSC	Drill Rig	CME 550 ATV	At Completion of Drilling	∇	DRY	
Driller	E&D	Logger	H. Suhail	Time After Drilling	NA		
Checked by	S. Janowski	Depth to Water	∇	NA			
Drilling Method	2.25" SSA; Boring backfilled with bentonite chips upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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**BORING LOG BS-104**  
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: 729.75 ft  
North: 1763161.75 ft  
East: 1114230.06 ft  
Station: 391+41.38  
Offset: 55.67 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 (%)
	728.8	12-inch thick, black CLAY LOAM --TOPSOIL--		1	3 5 8	>4.50 P	22			Boring terminated at 25.00 ft					
		Hard, brown CLAY		2	3 4 5	1.50 P	22								
	726.5	Stiff, brown and gray CLAY, trace organic material		3	2 2 2	1.15 B	28								
				4	3 8 13	8.04 B	18								
	721.8	Hard, brown CLAY		5	3 3 5	NP	17								
	719.8	Loose to medium dense, brown SANDY LOAM, with interbeds of silt and clay		6	5 5 6	NP	11								
	715.5	Very stiff, gray CLAY		7	5 7 9	2.87 B	14								
				8	4 5 7	2.95 B	16								
				9	5 5 14	NP	22								
	707.5	Medium dense, gray, fine SAND, wet		10	7 10 12	4.26 B	18								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-20-2003	Complete Drilling	02-20-2003	While Drilling	∇	22.25 ft	
Drilling Contractor	TSC	Drill Rig	CME 550 ATV	At Completion of Drilling	∇	DRY	
Driller	E&A	Logger	H. Suhail	Time After Drilling	NA		
Checked by	S. Janowski	Depth to Water	∇	NA			
Drilling Method	2.25" SSA; Boring backfilled with bentonite chips upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

DESIGNED	ASP
CHECKED	WSP
DRAWN	BGC
CHECKED	WSP

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

REVISIONS	
NAME	DATE

**NOISE WALL H  
BORINGS**  
U.S. ROUTE 30 (LINCOLN HIGHWAY)  
F.A.P. 353 (U.S. 30)  
SECTION (12 & 13) WRS-3  
STATION 391+31.42 TO 397+56.42  
WILL COUNTY