

**BORING LOG SB-07**

WEI Job No.: 486-11-01  
 Client: Collins Engineers, Inc.  
 Project: I-90/94 (Kennedy Expressway) at Ontario Street  
 Location: NE1/4, Sec. 8, R14E and T39N of 3rd PM  
 Datum: NAVD 88  
 Elevation: 594.81 ft  
 North: 1904258.26 ft  
 East: 1168763.81 ft  
 Station: 113+16  
 Offset: 16 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
542.8	Medium stiff to very stiff, gray SILTY CLAY, trace gravel	45	15	2 2 4	0.66 B	21		532.8	Hard, gray SILTY CLAY LOAM, little gravel	65	19	5 10 9	4.50 P	15	
542.8	Medium stiff to very stiff, gray SILTY CLAY, trace gravel	50	16	2 3 4	0.90 B	22		528.1	Stiff, gray CLAY	70	20	3 6 12	1.89 B	25	
542.8	Medium stiff to very stiff, gray SILTY CLAY, trace gravel	55	17	4 5 7	2.46 B	19		528.8	Hard, gray SILTY CLAY LOAM, some gravel	80	21	22 26 29	4.92 B	12	
542.8	Medium stiff to very stiff, gray SILTY CLAY, trace gravel	60	18	4 3 5	0.90 B	17		517.8	Very dense, gray SILTY LOAM, some gravel	80	22	44 50/4	NP	10	

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	10-03-2011	Complete Drilling	10-04-2011	While Drilling	☐	DRY	
Drilling Contractor	WTS	Drill Rig	D-50 ATV	At Completion of Drilling	☐	WASHED	
Driller	K&K	Logger	B. Wilson	Checked by	S. Sugiarto		
Drilling Method	3.25 IDA HSA; Boring backfilled upon completion			Depth to Water	☐	NA	

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 Datum: NAVD 88  
 Elevation: 594.81 ft  
 North: 1904258.26 ft  
 East: 1168763.81 ft  
 Station: 113+16  
 Offset: 16 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
542.8	Strong, fair rock quality, fresh, light gray DOLOSTONE, occasionally vuggy, moderately to intensely fractured, vertical and horizontal joints	85						523		85					
542.8	Strong, fair rock quality, fresh, light gray DOLOSTONE, occasionally vuggy, moderately to intensely fractured, vertical and horizontal joints	90						504.8	Boring terminated at 90.00 ft	90					

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	10-03-2011	Complete Drilling	10-04-2011	While Drilling	☐	DRY	
Drilling Contractor	WTS	Drill Rig	D-50 ATV	At Completion of Drilling	☐	WASHED	
Driller	K&K	Logger	B. Wilson	Checked by	S. Sugiarto		
Drilling Method	3.25 IDA HSA; Boring backfilled upon completion			Depth to Water	☐	NA	

**BORING LOG SB-06**

WEI Job No.: 486-11-01  
 Client: Collins Engineers, Inc.  
 Project: I-90/94 (Kennedy Expressway) at Ontario Street  
 Location: NE1/4, Sec. 8, R14E and T39N of 3rd PM  
 Datum: NAVD 88  
 Elevation: 581.34 ft  
 North: 1904357.13 ft  
 East: 1168805.26 ft  
 Station: 112+12  
 Offset: 3 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
580.3	12-inch thick, brown SILTY CLAY	0						580.3	12-inch thick, brown SILTY CLAY	0					
580.3	Hard, brown and gray SILTY CLAY LOAM, some gravel and brick fragments	1		8 5 4	4.00 P	15		578.3	Medium stiff, brown and gray SILTY CLAY, trace gravel	25		9	0 0 0	0.16 B	25
580.3	Hard, brown and gray SILTY CLAY LOAM, some gravel and brick fragments	5		2 2 3	0.82 B	19		578.3	Medium stiff, brown and gray SILTY CLAY, trace gravel	50		10	0 0 0	0.16 B	24
580.3	Hard, brown and gray SILTY CLAY LOAM, some gravel and brick fragments	10		2 2 2	0.41 B	21		575.8	Very soft to soft, gray SILTY CLAY, trace gravel	100		11	7 4 5	NP	17
580.3	Hard, brown and gray SILTY CLAY LOAM, some gravel and brick fragments	15		1 2 3	0.41 B	17		555.8	Loose, gray SILT	100		12	2 2 3	0.57 B	17
580.3	Hard, brown and gray SILTY CLAY LOAM, some gravel and brick fragments	20		0 1 2	0.16 B	25		553.3	Medium stiff to very stiff, gray SILTY CLAY, trace gravel	100		13	3 3 5	0.82 B	16
580.3	Hard, brown and gray SILTY CLAY LOAM, some gravel and brick fragments	25		0 1 2	0.16 B	25		553.3	Medium stiff to very stiff, gray SILTY CLAY, trace gravel	100		14	3 5 6	1.56 B	19

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	10-04-2011	Complete Drilling	10-05-2011	While Drilling	☐	DRY	
Drilling Contractor	WTS	Drill Rig	D-50 ATV	At Completion of Drilling	☐	WASHED	
Driller	K&K	Logger	B. Wilson	Checked by	S. Sugiarto		
Drilling Method	3.25 IDA HSA; Boring backfilled upon completion			Depth to Water	☐	NA	

USER NAME =	DESIGNED - AMS	REVISOR
PLOT SCALE =	CHECKED - LDB	REVISION
PLOT DATE =	DRAWN - DR	REVISION
	CHECKED - JMH	REVISION