CONTRACT NO. 66420

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)R	KENDALL	514	413
STA. 780+44.91		TO STA. 918+85.88		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 6/18/07

ROUTE FAP 311 (IL 71) DESCRIPTION IL 71- Oswego: Noise Wall C LOGGED BY Larry Myers

SECTION (1-1)R LOCATION NW 14, SEC. 20, TWP. 37N, RNG. 08E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. NW23
Station 974+58.94
Offset 31.95ft Rt.
Ground Surface Elev. 648.65 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 641.7 ft ▼
Upon Completion 641.7 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Augered, brown, Silty Clay Loam-fill	648.65				
Medium, brown, slightly loamy, fine, Sand to coarse, Gravel			6		
			6		4.8
			7		
		-5	7		
			9		5.2
			13		
Loose, brown, fine, Sand to coarse, Gravel	641.65 ▼		3		
			3		16.4
Free Water @ 7'			4		
		-10	3		
			4		14.6
			4		
			7		
			4		16.0
			6		
Medium, gray, fine to coarse, Sand with some fine to coarse, Gravel	634.15	-15	5		
			7		22.4
			9		
		-20	10		

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
			11		17.3
	627.65		12		
End of Boring					
		-25			
		-30			
		-35			
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 6/26/07

ROUTE FAP 311 (IL 71) DESCRIPTION IL 71 and Washington St Intersection: Retaining Wall LOGGED BY Larry Myers

SECTION (1-1)R LOCATION NW 14, SEC. 20, TWP. 37N, RNG. 08E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. RW2
Station 979+52.94
Offset 63.14ft Rt.
Ground Surface Elev. 656.67 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Augered, black dark brown, Silty Clay Loam- fill	653.17				
Very stiff, brown, Silty Clay Loam-fill			4		
			4	3.0	16.3
			3	P	
Medium, brown, loamy, fine, Sand to coarse, Gravel, with pieces of Silty Clay Loam Till	651.17	-5			
			5		
			7		5.6
			9		
Very stiff, brownish gray, Silty Clay Loam Till	648.67		4		
			4	2.8	17.6
			4	P	
Soft, brown to gray, Silt, with areas of very fine, Sand and Silt Loam	646.17	-10			
			2		
			2	0.5	25.2
			3	P	
Medium gray, fine to coarse, Sand with minor layers of fine to medium, Gravel	643.67		1		
			4		20.0
Hole collapsed @ 10.5' AAR			6		
		-15			
			6		
			7		25.5
	639.17		8		
End of Boring					
		-20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 6/26/07

ROUTE FAP 311 (IL 71) DESCRIPTION IL 71 and Washington St Intersection: Retaining Wall LOGGED BY Larry Myers

SECTION (1-1)R LOCATION NW 14, SEC. 20, TWP. 37N, RNG. 08E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. RW1
Station 979+74.4
Offset 154.97ft Rt.
Ground Surface Elev. 655.10 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 649.1 ft ▼
Upon Completion 646.5 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Augered, black brown, Silty Clay Loam- fill	652.60				
Very stiff, brown black gray, Silty Clay Loam- fill with large, Gravel pieces			2		
			3	2.0	9.7
			5	P	
		-5			
			3		
			4	2.5	15.1
			8	P	
Very stiff, grayish brown, Silt and Silty Loam	648.10 ▼		5		
			7	2.3	23.4
Free Water @ 7'	646.10 ▽		9	P	
Very stiff, gray, interbedded, Silt, Silty Clay, Sandy Loam and Sand		-12			
			2		
			5	2.3	20.0
			5	P	
Medium, gray, fine to coarse, Sand	643.10		3		
Free Water @ 12'			5		19.2
			7		
Medium, gray, fine to coarse, Sand with some fine to medium, Gravel	640.60	-15			
			3		
			5		15.9
Hole collapsed @ 9' AAR	638.60		8		
End of Boring					
		-20			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

PLOT DATE = 7/9/2012
FILE NAME = S:\DHS\1158 IL 71 Oswego\1_CADD\CD's\bs31158_BRLog8.dgn
PLOT SCALE = 1 = 1
USER NAME = kdaw

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Infrastructure Innovation and Diversity
600 W. Fulton Street, Suite 701 • Chicago, IL 60661
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORE LOG
NOISE WALLS

SCALE: VERT.
HORIZ.
DATE 07/06/2012

DRAWN BY WJ/KD
CHECKED BY DJB