

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	0-1R	KENDALL	514	410
STA. 780+44.91		TO STA. 918+85.88		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**Illinois Department of Transportation**  
Division of Highways  
**SOIL BORING LOG**

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Date 6/19/07

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

SECTION (1-1)R LOCATION NW 1/4, SEC. 20, TWP. 37N, R1NG. 08E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. \_\_\_\_\_ SURFACE WATER ELEV. \_\_\_\_\_ ft  
 Station \_\_\_\_\_ D E P T H S O I L S T R U C T U R E  
 Stream Bed Elev. \_\_\_\_\_ ft  
 BORING NO. NW11 GROUND WATER ELEV.: \_\_\_\_\_ ft  
 Station 859+05.84 First Encounter 635.7 ft  
 Offset 37.97 ft RL Upon Completion \_\_\_\_\_ ft  
 Ground Surface Elev. 890.38 ft (ft) (6") (tsf) (%) After \_\_\_\_\_ Hrs. \_\_\_\_\_ ft (ft) (6") (tsf) (%)

Augered, brown, Silty Clay Loam- topsoil fill

15				
12			3.8	
12				
8				
9			4.6	
12				
30				
18			4.9	
12				
Very stiff, brown, Loam Till				
-10				
6		2.5	11.2	
6		P		
2				
4		2.8	12.2	
3		P		
Medium, brown to gray, fine to coarse Sand with some fine to coarse Gravel				
3			22.5	
7				
Free Water @ 14.5				
8				
9			10.4	
11				
621.18				
-20				

Dense, gray, slightly loamy, fine Sand to coarse Gravel

Hole collapsed @ 12.5' AAR (continued)

End of Boring

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. 8-89)

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SECTION (1-1)R LOCATION NW 1/4, SEC. 20, TWP. 37N, R1NG. 08E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. \_\_\_\_\_ SURFACE WATER ELEV. \_\_\_\_\_ ft  
 Station \_\_\_\_\_ D E P T H S O I L S T R U C T U R E  
 Stream Bed Elev. \_\_\_\_\_ ft  
 BORING NO. NW12 GROUND WATER ELEV.: \_\_\_\_\_ ft  
 Station 859+57.81 First Encounter 635.7 ft  
 Offset 39.50 ft RL Upon Completion \_\_\_\_\_ ft  
 Ground Surface Elev. 645.16 ft (ft) (6") (tsf) (%) After \_\_\_\_\_ Hrs. \_\_\_\_\_ ft (ft) (6") (tsf) (%)

Augered, brown, Silty Clay Loam- topsoil fill with large rocks

6				
3		rock		
10		in		
5		shale		
5			11.0	
7		P		
5				
7		2.7	14.7	
8		S		
Medium, gray, Fns, Sand to coarse, Gravel				
-10				
6			12.1	
7				
Free Water @ 9.5'				
3				
5			16.8	
7				
5				
7			14.3	
9				
624.16				
-20				

End of Boring

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
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SECTION (1-1)R LOCATION NW 1/4, SEC. 20, TWP. 37N, R1NG. 08E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

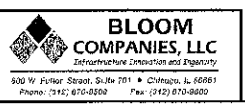
STRUCT. NO. \_\_\_\_\_ SURFACE WATER ELEV. \_\_\_\_\_ ft  
 Station \_\_\_\_\_ D E P T H S O I L S T R U C T U R E  
 Stream Bed Elev. \_\_\_\_\_ ft  
 BORING NO. NW13 GROUND WATER ELEV.: \_\_\_\_\_ ft  
 Station 852+09.83 First Encounter 645.2 ft  
 Offset 40.45 ft RL Upon Completion 637.2 ft  
 Ground Surface Elev. 641.24 ft (ft) (6") (tsf) (%) After \_\_\_\_\_ Hrs. \_\_\_\_\_ ft (ft) (6") (tsf) (%)

Augered, brown, black, Silty Clay Loam- topsoil fill

4				
5		2.5	23.2	
8		P		
2				
2		1.5	22.8	
2		P		
Medium to dense, brown gray, fine Sand to coarse, Gravel with Cobbles/Boulders				
1				
5			15.9	
6				
Free Water @ 7.0				
-10				
4				
6			26.1	
5				
35				
30			17.2	
20				
Medium, gray, large, Limestone pieces in fine, Sand/Silt matrix				
-15				
20				
10		>4.5	7.2	
15		P		
Fractured and weathered, Limestone				
1002'				
829.74				
Auger refusal @ 17.5'				
9			9.7	
End of Boring				

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 BBS, from 137 (Rev. 8-89)

PLUT DATE = 7/19/2012  
 FILE NAME = F:\AURS-1158 IL 71 Oswego\1-CAD\CDs\03158-8R10g5.dgn  
 USER NAME = Ryan



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SOIL BORE LOG**  
**NOISE WALLS**

SCALE: VERT. \_\_\_\_\_  
 DATE: 07/06/2012

DRAWN BY: WJ/KD  
 CHECKED BY: DJB