



BORING LOG RW-80

 <p><b>Geo Services, Inc.</b> Geotechnical, Environmental &amp; Civil Engineering 805 Amberst Court, Suite 204 Naperville, Illinois 60565 (630) 353-2838</p>		<p><b>SOIL BORING LOG</b></p>		<p>PAGE 1 of 1 DATE 4/23/2012 LOGGED BY RJ GSI JOB No. 09173</p>			
<p>ROUTE II, Route 59 (FAP 338) DESCRIPTION Illinois Route 59-Aurora Avenue/New York Street To Ferry Road</p>		<p>SECTION (112 &amp; 113) WRS-5 LOCATION SEC. 3, 9-10, 15-16, 21-22 TWP. 38N, RNG. 9E, Naperville Township</p>					
<p>STRUCT. NO. 022-W063 Station: 4050+44.90 to 4051+35.02</p>		<p>DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic</p>					
<p>BORING NO. RW-80 Station: 4050+42 IL RTE-59 Offset: 116.4' Left Ground Surface Elev. 702.9</p>		<p>Surface Water Elev. n/a Stream Bed Elev. n/a Groundwater Elevation: First Encounter 692.9 Upon Completion After Hrs.</p>					
DEPTH (ft)	BLOW COUNT (blows/ft)	UNIT WEIGHT (pcf)	MOISTURE (%)	DEPTH (ft)	BLOW COUNT (blows/ft)	UNIT WEIGHT (pcf)	MOISTURE (%)
0	-	-	-	0	-	-	-
3	99			3	130		
4				4			
5	1.6B	26		6	2.7B	11	
SILTY CLAY-dark brown & gray-stiff (A-6) Wet		CLAY LOAM-gray-very stiff to hard (A-6)					
2	97			6			
3				9			
5	3	1.4B	26	-25	12	4.0P	11
697.4		682.4					
3	113			7	130		
4				10			
5	2.25B	18		14	5.0B	10	
694.9		674.9					
6				16			
11				13			
-10	11	NP	17	-30	14	NP	19
697.4		674.9					
6				11			
11				12	NP	16	
689.9		674.9					
3	120			10			
4				14			
6	2.8B	15		18	NP	14	
687.9		667.9					
4							
5							
7	2.5B	19					
4							
5							
6	3.5B	20					
682.4		667.9					
End Of Boring @ -35.0' Hollow Stem Augers CME Automatic Hammer							
4							
5							
7	2.5B	19					
4							
5							
6	3.5B	20					
682.4		667.9					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (S)-Shear, (P)-Penetrometer, (SI)-Shear Tube Sample, (V)-Vane Shear Test. The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206). The Unit Dry Weight (pcf) is noted in Italics above moist (%). NR-No Recovery.

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<p>STRUCT. NO. 022-W063 Station: 4050+44.90 to 4051+35.02</p>		<p>DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic</p>					
<p>BORING NO. RW-81 Station: 4051+25 IL RTE-59 Offset: 132.9' Left Ground Surface Elev. 704.4</p>		<p>Surface Water Elev. n/a Stream Bed Elev. n/a Groundwater Elevation: First Encounter 694.4 Upon Completion After Hrs.</p>					
DEPTH (ft)	BLOW COUNT (blows/ft)	UNIT WEIGHT (pcf)	MOISTURE (%)	DEPTH (ft)	BLOW COUNT (blows/ft)	UNIT WEIGHT (pcf)	MOISTURE (%)
0	-	-	-	0	-	-	-
7				6			
8				8			
7	-	12		10	3.75P	18	
701.4		681.4					
5				7			
6				9			
-5	7	2.3B	19	-25	11	4.0P	11
698.9		676.4					
5				11	133		
8				13			
10	NP	18		15	5.8B	10	
696.4		676.4					
6				12			
8				16			
-10	11	NP	15	-30	18	NP	6
693.9		672.4					
5				7			
8	2.4B	16		8			
696.4		676.4					
6				13			
8	1.16			16			
-15	9	1.9B	17	-35	18	NP	20
669.4		669.4					
End Of Boring @ -35.0' Hollow Stem Augers CME Automatic Hammer							
4							
4							
7	2.2B	21					
3							
4							
5	1.6B	21					
682.4		667.9					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (S)-Shear, (P)-Penetrometer, (SI)-Shear Tube Sample, (V)-Vane Shear Test. The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206). The Unit Dry Weight (pcf) is noted in Italics above moist (%). NR-No Recovery.

FILE NAME = ...E0131-W063-004-BoringLog.dgn



USER NAME = SAW	DESIGNED - LAS	REVISED -
CHECKED - DAZ	REVISIONS -	
PLOT SCALE = 2.00' / IN.	DRAWN - SAW	REVISED -
PLOT DATE = 10/9/2012	CHECKED - JLA	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SOIL BORING LOGS**  
**STRUCTURE NUMBER 022-W063**  
SHEET NO. SB-4 OF SB-4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	(112 & 113) WRS-5	DUPAGE	963	651
CONTRACT NO. 60131				
ILLINOIS FED. AID PROJECT				

SOIL BORING LOGS  
SN 022-W063