

Contract #62336

PAGE 1 of 1
DATE October 23, 2003
LOGGED BY RJ
GSJ JOB No. 0340

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Arbutus Court, Suite 204
Naperville, Illinois 60565
(630) 855-2838

SOIL BORING LOG

IDOT Job No. D-91-471-01 GSI JOB No. 0340

ROUTE SBI-67 DESCRIPTION Illinois Route 176 over the Kishwaukee River

SECTION 120A-B-R LOCATION Section 35, Range 6E, Township 44N in Seneca Township, Marengo, Il.

COUNTY McHenry DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME-75 Auto Hammer

STRUCT. NO. 056-0078 Surface Water Elev. n/a

Station 349+85.75 Stream Bed Elev. n/a

BORING NO. R-3 Groundwater Depth

Station: 12+30 First Encounter 827.5 ▼

Offset: 13.0' Right Upon Completion 827.5 ▼

Ground Surface Elev. 836.0 (ft) (/6") (tsf) (%) After _____ Hrs. _____ ▼

DEPTH (ft)	BLOW COUNT (blows/6")	UNCONSOLIDATED SOIL TYPE	MOISTURE (%)	DEPTH (ft)	BLOW COUNT (blows/6")	UNCONSOLIDATED SOIL TYPE	MOISTURE (%)
9	3	CRUSHED ASPHALT & STONE		3			
5	2			2			
5	4	SANDY CLAY LOAM--black--loose to medium dense	12	4	NP	19	
3	4	Fine SAND--brown--loose to medium dense (A-3)		4			
2	7			7			
5	4		13	3	NP	15	
3	3			3			
4	5			5			
5	2	Fine SAND--brown--loose to medium dense (A-3)	7	2	NP	21	
3	4			4			
3	3			3			
10	3		18	5	NP	13	
4	2			2			
3	3			3			
2	NP		22	4	NP	18	
3	2			2			
5	3	CLAYEY SAND--brown--loose (A-2-6)		3			
15	7		10	5	NP	17	
4		End Of Boring @ -35.0'					
3		Hollow Stem Augers					
2	NP	CME-75 Auto Hammer					
2							
3							
20	4		15				

PAGE 1 of 1
DATE October 27, 2003
LOGGED BY RJ
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SECTION 120A-B-R LOCATION Section 35, Range 6E, Township 44N in Seneca Township, Marengo, Il.

COUNTY McHenry DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME-75 Auto Hammer

STRUCT. NO. 056-0078 Surface Water Elev. n/a

Station 349+85.75 Stream Bed Elev. n/a

BORING NO. R-4 Groundwater Depth

Station: 13+30 First Encounter 829.8 ▼

Offset: 13.0' Right Upon Completion 806.8 ▼

Ground Surface Elev. 835.8 (ft) (/6") (tsf) (%) After _____ Hrs. _____ ▼

DEPTH (ft)	BLOW COUNT (blows/6")	UNCONSOLIDATED SOIL TYPE	MOISTURE (%)	DEPTH (ft)	BLOW COUNT (blows/6")	UNCONSOLIDATED SOIL TYPE	MOISTURE (%)
4	2	CRUSHED ASPHALT & STONE		2			
4	3			3			
7	4	SANDY CLAY LOAM--black--medium dense	18	5	NP	19	
2	5	Fine SAND--brown--loose to medium dense (A-3)		5			
4	7			7			
5	5	CLAYEY SAND--brown--loose (A-2-6)	12	3	NP	15	
3	3			3			
5	5			5			
9	2	SAND & GRAVEL--brown--medium dense to dense (A-1-b)	9	2	NP	9	
5	3	Fine SAND--brown--loose to medium dense (A-3)		3			
6	6			6			
10	8		12	8	NP	12	
13				13			
16				16			
8	NP		9	8	NP	9	
5	5			5			
4	4			4			
15	5		12	5	NP	12	
15		End Of Boring @ -35.0'					
7		Hollow Stem Augers					
8	NP	CME-75 Auto Hammer					
7							
12							
20	7		17				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B--Bulge, S--Shear, P--Penetrometer) ST--Shelby Tube Sample VS--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

DESIGNED	S.D.H.
CHECKED	J.A.Z.
DRAWN	M.S.M.
CHECKED	S.D.H.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B--Bulge, S--Shear, P--Penetrometer) ST--Shelby Tube Sample VS--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

BORING LOGS (SHEET 2 of 3)
RETAINING WALLS
IL Route 176 over the Kishwaukee River
F.A.P. RTE 533, SECTION 119R-2B
McHENRY COUNTY
STA. 7+71.50 TO STA. 13+48.50
DATE: 10-05-07
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES INC
CHICAGO ILLINOIS

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