

ROUTE NO.	SECTION	COUNTY	STATE	SHEET NO.
533	119R-1-B	McHenry	77	54
FED. ROAD DIST. NO.		ILLINOIS PROJECT		

SHEET NO. 5 OF 5 SHEETS

Contract #62340

Geo Services, Inc.
 Geotechnical, Environmental and Civil Engineering
 805 Amherst Court, Suite 204
 Naperville, Illinois 60565
 (630) 305-9186

SOIL BORING LOG

PAGE 1 of 2
 DATE June 26, 2002
 LOGGED BY JR
 GSI JOB No. 0209

ROUTE FAP Rte. 533 DESCRIPTION Illinois Route 176 over the S. Branch of the Kishwaukee River
 TOWNSHIP Seneca LOCATION TWP 44 N, R 6E on the south boundary of Sec 28
 COUNTY McHenry DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 056-0073 Station 55+65 BORING NO. SB-7 Station 56+10 Offset 15' South (Right) Ground Surface Elev. 817.0 ft	DEPTH H	BLOW S	UCS Qu	MOIST T	Surface Water Elev. N/A		DEPTH H	BLOW S	UCS Qu	MOIST T
					Stream Bed Elev. N/A	Groundwater Elevation:				
8.0" Asphalt										
SANDY TOPSOIL-black-loose (Possible FILL)	4						2			
	2		NP	28			3			
	2						4	NP	15	
Fine to Coarse GRAVEL-brown- loose (A-1a) Possible FILL	7						2			
	5						1			
	-5	4	NP	6			-25	1	NP	15
Fine to Coarse SAND-trace to some gravel-brown-loose to medium dense (A-1b)	3						14			
	3						16			
	6		NP	13			16	NP	10	
Fine to Coarse SAND-trace to some gravel-gray-medium dense to dense (A-3)	2						16			
	4						17			
	-10	7	NP	11			-30	21	NP	7
Fine to Medium SAND-trace gravel-gray-very loose to medium dense (A-3)	3						8			
	1						8			
	2		NP	16			8	NP	10	
	2						14			
	5						15			
	-15	5	NP	16			-35	17	NP	6
Fine to Medium SAND-trace gravel-gray-medium dense (A-3)	6						14			
	4						6			
	4		NP	10			6	NP	15	
	6						6			
	6						7			
	-20	6	NP	19			-40	7	NP	8

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

DESIGNED	S.S.T.
CHECKED	S.D.H.
DRAWN	E.B.
CHECKED	S.S.T.

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SOIL BORING LOG

PAGE 2 of 2
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ROUTE FAP Rte. 533 DESCRIPTION Illinois Route 176 over the S. Branch of the Kishwaukee River
 TOWNSHIP Seneca LOCATION TWP 44 N, R 6E on the south boundary of Sec 28
 COUNTY McHenry DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 056-0073 Station 55+65 BORING NO. SB-7 Station 56+10 Offset 15' South (Right) Ground Surface Elev. 817.0 ft	DEPTH H	BLOW S	UCS Qu	MOIST T	Surface Water Elev. N/A		DEPTH H	BLOW S	UCS Qu	MOIST T
					Stream Bed Elev. N/A	Groundwater Elevation:				
Fine to Medium SAND-trace gravel-gray-medium dense (A-3)										
	6						6			
	7						7			
	6		NP	16			6	NP	16	
Fine to Medium SAND-some gravel-gray-medium dense (A-3)							8			
	8						10			
	-45	11	NP	8			-65			
END OF BORING @ 45.0'										

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

BORING LOGS (SHEET 2 of 2)
 IL Route 176 over South Branch of
 the Kishwaukee River (Overflow Site)
 F.A.P. RTE 533, SECTION 119R-1-B
 McHENRY COUNTY
 STATION 55+65.00
 S.N. 056-0073
 DATE: 08-17-07
 GRAEF, ANHALT, SCHLOEMER & ASSOCIATES INC
 CHICAGO ILLINOIS

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