

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	119R-1-B	McHenry	77	49
FED. ROAD DIST. XXXX		ILLINOIS FED. AID PROJECT		

SHEET NO. 27 OF 27 SHEETS

Contract #62340

Geo Services, Inc.  
Geotechnical, Environmental and Civil Engineering  
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DATE June 21, 2002

LOGGED BY CC

GSI JOB No. 0209

# SOIL BORING LOG

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. 056-0071  
Station 51+50

BORING NO. SB-5

Station 53+63

Offset 14' Right (South)

Ground Surface Elev. 817.5 ft

DEPTH	BLOWS	UCS	MOIST	Surface Water Elev.	DEPTH	BLOWS	UCS	MOIST
(ft)	(/6")	(tsf)	(%)	<u>N/A</u>	(ft)	(/6")	(tsf)	(%)
				Stream Bed Elev. <u>N/A</u>				
				Groundwater Elevation:				
				First Encounter <u>813.5 ft</u>				
				Upon Completion <u>N/A</u>				
				After <u>N/A</u> Hrs. <u>N/A ft</u>				

Fine to Medium SAND-trace  
gravel-gray-dense (A-3)  
Driller's Observation

10			
16			
16	NP	NR	

SANDY CLAY-trace  
gravel-gray-stiff (A-6)

8			
11			
17	1.5P	10	

END OF BORING @ 85.0'

-85			
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-90			
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-95			
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-100			
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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.

BORING LOGS (SHEET 6 of 6)  
 IL Route 176 over  
 South Branch of the Kishwaukee River  
 F.A.P. RTE 533, SECTION 119R-1-B  
 McHENRY COUNTY  
 STATION 51+50.00  
 DATE: 08-17-07 S.N. 056-0071  
 GRAEF, ANHALT, SCHLOEMER & ASSOCIATES INC  
 CHICAGO ILLINOIS