Illinois Department of Transportation
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Page 2 of 2

Date 10/19/71

ROUTE FAI 55 (I-55) DESCRIPTION FAI-55 over New York Central R.R. LOGGED BY J. Safranski

SECTION 53-1VB LOCATION NW 1/4, SEC. 5, TWP. 30N, RNG. 7E

COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 053-0144
Station 270+32

BORING NO. 5 NBL
Station 270+54
Offset 75.00ft Rt.
Ground Surface Elev. 641.6 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
Hard, Gray, Clay Till *(continued)*				
		20	5.0 S	13.7
		17	5.4 S	12.9
	-45			
		12	4.6 B	13.8
		10	3.4 B	14.5
	-50			
		12	4.1 B	13.6
	589.60			
Very Stiff, Gray, Clay Till				
		11	2.4 S	15.5
	-55			
		13	3.4 B	15.2
	585.10			
End of Boring				
	-60			

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. 8-99)

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District #3, Ottawa

SOIL BORING LOG

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Date 10/19/71

ROUTE FAI 55 (I-55) DESCRIPTION FAI-55 over New York Central R.R. LOGGED BY J. Safranski

SECTION 53-1VB LOCATION NW 1/4, SEC. 5, TWP. 30N, RNG. 7E

COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 053-0144
Station 270+32

BORING NO. 6 SBL
Station 270+38
Offset 52.00ft Lt.
Ground Surface Elev. 641.7 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
Brownish Black, Silty Clay				
	639.70			
Very Stiff, Brown and Gray, Mottled, Clay Till				
	-5			
		13	3.6 S	19.5
	634.70			
Hard, Brown, Clay Till				
		20	6.8 S	17.3
	632.20			
Very Stiff, Gray, Clay Till	-10			
		12	3.6 B	18.6
		9	2.3 B	21.0
	-15			
		7	2.6 B	21.2
		11	2.9 B	22.3
	-20			
Very Stiff, Gray, Clay Till *(continued)*				
		9	3.1 B	22.7
	-25			
		13	3.9 S	13.6
		11	6.5 B	12.7
		13	2.6 S	21.9
	612.20			
Hard, Gray, Clay Till	-30			
		16	5.7 B	14.6
		11	4.4 B	13.8
	607.20			
Very Stiff, Gray, Clay Till	-35			
		9	2.0 B	18.2
		10	2.8 S	16.3
	-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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SECTION 53-1VB LOCATION NW 1/4, SEC. 5, TWP. 30N, RNG. 7E

COUNTY Livingston DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 053-0144
Station 270+32

BORING NO. 6 SBL
Station 270+38
Offset 52.00ft Lt.
Ground Surface Elev. 641.7 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

Description	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
Very Stiff, Gray, Clay Till *(continued)*				
		12	3.1 S	19.2
	599.70			
Hard, Gray, Clay Till				
		18	7.5 B	14.3
	-45			
		15	4.4 B	13.4
	594.70			
Very Stiff, Gray, Clay Till				
		12	3.1 B	16.2
	-50			
		10	3.6 B	16.7
		9	3.1 B	16.5
	-55			
		9	3.1 B	16.8
	585.20			
End of Boring				
	-60			

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. 8-99)

FILE NAME = ...\053018b_0187-66856-39-borings.dgn
PLOT SCALE = 0ft.029397 "=" / IN.
USER NAME = CPC...

BORING LOGS
STRUCTURE NO. 053-0187 (NB)
STRUCTURE NO. 053-0186 (SB)

Coombe-Bloxdorf P.C.
-CIVIL ENGINEERS-
-STRUCTURAL ENGINEERS-
-LAND SURVEYORS-
Design Firm License No. 184-002703

PROJECT NO.	05004-10
SCALE	
DATE	8/10/10
DESIGN BY	GB/MCB
DRAWN BY	MML
CHECKED BY	MCB

SHEET NO. 39
42 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(53-1) HBR & HBR-1	LIVINGSTON	102	58
		CONTRACT NO. 66856		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		