



SOIL BORING LOG

Date 10/19/71

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

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. 053-0145	D	B	U	M	Surface Water Elev.	ft
Station 270+32	E	L	C	O	Stream Bed Elev.	ft
	P	O	S	I		
BORING NO. 8 NBL	T	W	Q	S	Groundwater Elev.:	
Station 271+12	H	S	Qu	T	First Encounter	ft
Offset 52.00ft Lt.					Upon Completion	ft
Ground Surface Elev. 641.5	ft	(ft)	(/6")	(tsf)	(%)	

Very Stiff, Gray, Clay Till (continued)						
			3.3	20		
			13	S		
	599.00					
Hard, Gray, Clay Till			6.1	14		
			18	B		
			4.0	15		
			14	B		
	591.50					
Very Stiff, Gray, Clay Till			4.2	15		
			12	B		
			3.6	16		
			13	B		
	585.00					
End of Boring			3.3	18		
			11	B		

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)



SOIL BORING LOG

Date 7/16/08

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

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. 053-0145	D	B	U	M	Surface Water Elev.	ft
Station 270+32	E	L	C	O	Stream Bed Elev.	ft
	P	O	S	I		
BORING NO. 9 NBL	T	W	Q	S	Groundwater Elev.:	
Station 271+22	H	S	Qu	T	First Encounter	ft
Offset 25.00ft Rt.					Upon Completion	ft
Ground Surface Elev. 672.38	ft	(ft)	(/6")	(tsf)	(%)	

Augered Black Silty Clay Loam Topsoil					Hard Gray Silty Clay Loam Till (Fill) (continued)	
Fill and Gray Silty Clay Loam Till (Fill)						
	569.88					
Hard Gray Silty Clay Loam Till (Fill)			5			
			9	4.5	11.4	
			9	P		
			4			
			5	4.5	12.5	
			9	P		
	645.38					
Very Stiff Brown/Black/Gray Silty Clay (Fill)			5			
With Pockets Till (Fill) and Layers Topsoil @ 3'			6	5.2	13.0	
			10	S		
			4			
			5	5.2	14.5	
			8	S		
			4			
			5	5.8	16.5	
			9	S		
	637.88					
Hard Brown/Gray Silty Clay Loam Till (Native)			5			
			5	5.0	20.1	
			10	B		
	635.38					
Hard Gray/Brown to Gray Silty Clay Loam Till			6			
			7	5.6	15.5	
			10	S		
	632.88					

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)



SOIL BORING LOG

Date 7/16/08

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

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. 053-0145	D	B	U	M	Surface Water Elev.	ft
Station 270+32	E	L	C	O	Stream Bed Elev.	ft
	P	O	S	I		
BORING NO. 9 NBL	T	W	Q	S	Groundwater Elev.:	
Station 271+22	H	S	Qu	T	First Encounter	ft
Offset 25.00ft Rt.					Upon Completion	ft
Ground Surface Elev. 672.38	ft	(ft)	(/6")	(tsf)	(%)	

Hard Gray Silty Clay Loam/Silty Clay Till (continued)					Hard Dark Gray Silty Clay Loam Till With Layers of Clay Loam (continued)	
			5			
			8	5.8	18.5	
			13	S		
	609.88					
Hard Gray Silty Clay Loam/Silty Clay Till			4			
			5	4.0	14.9	
			7	B		
	627.88					
Very Stiff Gray Silty Clay Loam/Silty Clay Till			4			
			5	3.5	21.3	
			8	B		
	605.88					
End of Boring			5			
			5	3.7	18.2	
			8	B		
			5			
			5	3.9	22.4	
			9	B		
			5			
			5	3.7	19.8	
			8	B		
	615.38					
Hard Dark Gray Silty Clay Loam Till With Layers of Clay Loam			5			
			5	4.2	24.1	
			10	S		

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)

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

<p>Coombe-Bloxdorf P.C. - CIVIL ENGINEERS - - STRUCTURAL ENGINEERS - - LAND SURVEYORS - Design Firm License No. 184-002703</p>	PROJECT NO. 05004-10 SCALE DATE 8/10/10 DESIGN BY GB/MCB DRAWN BY MML CHECKED BY MCB	SHEET NO. 41 42 SHEETS	F.A.I. RTE. 55 SECTION (53-1) HBR & HBR-1 COUNTY LIVINGSTON CONTRACT NO. 66856	TOTAL SHEETS 102 SHEET NO. 60
	FEDERAL ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

FILE NAME = ...0530186.0187-66856-41-bor-log.dgn
PLOT SCALE = 0.1029397 1" / IN.
USER NAME = DFC