Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

Date 8/28/08

ROUTE FAI-57 (I-57) DESCRIPTION I-57 over FAS 317 and CNIC Railroad, 0.78 miles South of Clifton Interchange LOGGED BY LM

SECTION 38-2HVB LOCATION NW 1/4, SW 1/4, **SEC.** 10, **TWP.** 28N, **RNG.** 14W

COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 038-0013
Station 1037+61.38

BORING NO. 2 (Pier 1 N.B.)
Station 1037+00
Offset 65.00ft Lt.
Ground Surface Elev. 660.48 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion 610.5 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered Brown and Black Silty Clay Loam (Fill)					
	658.48				
Very Stiff Gray and Brown Silty Clay Loess			4		
			4 6	3.5 P	24.7
		-5	3		
			3 4	2.5 B	27.0
	653.98				
Hard Brown Silty Clay Till			4		
			5 7	7.6 S	18.5
		-10	3		
			5 8	7.6 S	20.1
	648.98				
Hard Gray Silty Clay/Clay Till			2		
			4 6	4.5 B	18.9
	646.48				
Very Stiff Gray Silty Clay/Clay Till					
		-15	2		
			3 5	3.7 B	19.2
			2		
			3 5	2.7 B	19.9
		-20	2		
Very Stiff Gray Silty Clay/Clay Till *(continued)*			3 4	2.5 B	20.1
		-25	3		
			3 4	2.7 B	20.2
			3 4	2.9 B	19.6
		-30	2		
			3 4	2.7 B	19.2
		-35	2		
			3 7	3.1 B	18.4
			2		
			3 6	2.9 B	18.9
		-40	2		
			4 6	2.9 B	18.4
	623.98				
Very Stiff Gray Silty Clay Till with Minor Layers Gray Silt and Silty Clay			2		
			4 7	3.1 B	18.5

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, form 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

Date 8/28/08

ROUTE FAI-57 (I-57) DESCRIPTION I-57 over FAS 317 and CNIC Railroad, 0.78 miles South of Clifton Interchange LOGGED BY LM

SECTION 38-2HVB LOCATION NW 1/4, SW 1/4, **SEC.** 10, **TWP.** 28N, **RNG.** 14W

COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 038-0013
Station 1037+61.38

BORING NO. 2 (Pier 1 N.B.)
Station 1037+00
Offset 65.00ft Lt.
Ground Surface Elev. 660.48 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion 610.5 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very Stiff Gray Silty Clay Till with Minor Layers Gray Silt and Silty Clay *(continued)*			5 7	3.1 B	18.9
	618.48				
Very Stiff Gray Clay Till With Layers of Gray Clay and Silty Clay			2		
			3 7	2.7 B	18.9
		-45	2		
			4 7	2.9 B	20.5
			2		
			5 8	3.8 B	20.1
	611.48				
Hard Gray Silty Clay Loam Till with Layers of Silty Loam, Silt, and Clay		▽ -50	3		
			6 10	4.1 S	20.4
			3		
			6 10	4.2 S	20.7
		-55	4		
			6 11	4.6 S	16.0
	603.48				
Tan Limestone Bedrock	~~603.31~~		100/2"		11.6
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, form 137 (Rev. 8-99)