



SOIL BORING LOG

Page 1 of 2

Date 9/17/01

ROUTE FAI 80 DESCRIPTION SENECA ROAD OVER FAI 80 NORTH OF SENECA LOGGED BY K.W.

SECTION (32-2)HBR LOCATION SE 1/4, SEC. 32, TWP. 34N, RNG. 6E, 3rd PM

COUNTY GRUNDY DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. <u>032-0047 EXISTING</u> Station <u>19+50</u>	DEPTH	BLOW S	UCS Qu	M O I S T	Description	DEPTH	BLOW S	UCS Qu	M O I S T	Surface Water Elev.		Stream Bed Elev.	
										ft	(ft)	(ft)	(ft)
BORING NO. <u>2 SOUTH ABUT.</u> Station <u>21+27</u> Offset <u>12.00ft LT</u> Ground Surface Elev. <u>631.20</u> ft					Groundwater Elev.:								
					First Encounter <u>603.7</u> ft								
					Upon Completion <u>603.2</u> ft								
					After <u>1</u> Hrs. <u>PLUGGED 28'</u>								
AUGER SAMPLE SHOULDER					Very Stiff Mix of Black SILTY								
STONE OVER Gray SILTY CLAY					CLAY, Gray-Brown								
TILL (FILL)					SILTY CLAY TILL with pieces of								
					Brown TILL. (continued)								
628.70													
Hard Gray CLAY TILL (FILL)													
626.70					Stiff Black SILTY CLAY								
626.70					Stiff Dark Gray SILTY CLAY								
623.70					Very Stiff Black SILTY CLAY								
					(FILL)								
621.70					Very Stiff Mix of Brown CLAY								
					LOAM TILL &								
					SILTY CLAY LOAM TILL (FILL)								
619.20					Very Stiff Mix of Brown CLAY								
					LOAM TILL &								
					Gray SILTY CLAY TILL (FILL)								
616.70					Stiff Mix of Brown CLAY LOAM								
					TILL, Gray SILTY CLAY TILL with								
					Black SILTY CLAY (FILL)								
614.20					Very Stiff Mix of Black SILTY								
					CLAY, Gray-Brown								
					SILTY CLAY TILL with pieces of								
					Brown TILL								
					Medium Gray VARVED CLAY								
					with Fine SAND								

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

Page 2 of 2

Date 9/17/01

ROUTE FAI 80 DESCRIPTION SENECA ROAD OVER FAI 80 NORTH OF SENECA LOGGED BY K.W.

SECTION (32-2)HBR LOCATION SE 1/4, SEC. 32, TWP. 34N, RNG. 6E, 3rd PM

COUNTY GRUNDY DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. <u>032-0047 EXISTING</u> Station <u>19+50</u>	DEPTH	BLOW S	UCS Qu	M O I S T	Description	DEPTH	BLOW S	UCS Qu	M O I S T	Surface Water Elev.		Stream Bed Elev.	
										ft	(ft)	(ft)	(ft)
BORING NO. <u>2 SOUTH ABUT.</u> Station <u>21+27</u> Offset <u>12.00ft LT</u> Ground Surface Elev. <u>631.20</u> ft					Groundwater Elev.:								
					First Encounter <u>603.7</u> ft								
					Upon Completion <u>603.2</u> ft								
					After <u>1</u> Hrs. <u>PLUGGED 28'</u>								
Stiff Gray CLAY TILL					Very Stiff Gray SILTY CLAY TILL								
					(continued)								
588.20					Very Stiff Gray CLAY TILL								
588.20					Stiff Gray CLAY TILL								
					End of Boring								
580.20					Very Stiff Gray SILTY CLAY TILL								

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)

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**SENECA ROAD
OVER F.A.I. 80**
F.A.P. 623 SEC. 32-2 HBR GRUNDY CO.
STRUCTURE No. 032-0114
STATION 19+49.99
SOIL BORINGS II

SCALE: NONE
DATE: OCTOBER, 2005

DRAWN BY: NJH
CHECKED BY: JLG

Louis Berger & Associates, Inc.
1001 Elm Street, Suite 300
Manchester, NH 03101