STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EarthTech
A tyco International Ltd. Company

F.A.P. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
786	109 BR	La Salle	351	199
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO.
SHEETS

Contract # 66607

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

SOIL BORING LOG

Page 1 of 1

Date 3/16/05

ROUTE DuPont Road DESCRIPTION Seneca River Bridge Retaining wall LOGGED BY DM/LM

SECTION LOCATION SW 1/4, SEC. 25, TWP. 33N, RNG. 5E, 3rd PM

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 3
Station 23+13
Offset 26.00ft Lt
Ground Surface Elev. 491.96 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered Brown Sandy Clay Loam Fill			
489.96			
Stiff Brown Sacndy Clay Loam/ Sandy Loam Fill	2		
488.46	2	1.5	9.9
Very Loose Brown Fine to Coarse sand with minor pieces of Brown Micaceous Sand Stone	2	P	
-5	1		
Sand Cave in at 5.5' after augers removed	2		11.6
	2		
	1		
	1		26.5
482.96	1		
Medium Brown Fine to Coarse Sand with minor pieces of Brown Micaceous Sand Stone	4		
-10	5		20.7
Sample washed from 12'-19'	5		
	4		
	7		19.9
	13		
-15	4		
	9		23.2
	15		
	3		
	8		18.7
	15		
472.96			
-20	7		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very Dense Brown Fine To Coarse Sand.	21		18.6
470.96	35		
Sampled washed from 19' to 21 (continued)			
End of Boring			
-25			
-30			
-35			
-40			

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)

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

SOIL BORING LOG

Page 1 of 1

Date 3/17/05

ROUTE DuPont Road DESCRIPTION East End of Retaining Wall LOGGED BY DM/LM

SECTION Seneca River Bridge Retaining wall LOCATION SW 1/4, SEC. 25, TWP. 33N, RNG. 5E, 3rd PM

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 4
Station 24+19
Offset 6.00ft Lt
Ground Surface Elev. 495.53 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered Brown Fine/ Coarse Sand with Large Gravel pieces (Fill)			
493.03			
Medium Brown Fine/ Coarse Sand with up to Large Gravel (minor) (Fill)	5		
	8		4.7
	9		
491.03			
-5			
Very Loose Brown Fine To Coarse Sand with Minor Fine Coarse Gravel (Fill?)	1		
	1		6.7
Sand Cave in at 8.5' after auger removal	2		
	1		
	1		7.5
486.03	2		
-10			
Loose Brown Fine to Coarse Sand with Minor Fine Medium Gravel with free water at 10'	1		
	3		23.0
	3		
483.53			
Medium Brown Fine/ Coarse sand with minor Fine/ Medium Gravel	5		
	6		20.9
Samples washed from 12.5' to 21.5'	7		
-15			
	7		
	8		16.9
	8		
	3		
	6		19.8
	13		
-20			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	7		
	9		21.6
474.03	15		
End of Boring			
-25			
-30			
-35			
-40			

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)

DESIGNED	-
CHECKED	-
DRAWN	- JHR
CHECKED	-

200

EXAMINED

ENGINEER OF BRIDGE DESIGN

PASSED

ENGINEER OF BRIDGES AND STRUCTURES

SOIL BORING LOG # 3 & 4
FOR RETAINING WALL
ILLINOIS RIVER AT SENECA
LA SALLE COUNTY,
SECTION 109 BR