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	198
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 3/15/05

ROUTE DuPont Road DESCRIPTION West 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. 1
Station 21+33
Offset 52.00ft Lt
Ground Surface Elev. 494.77 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			
492.27			
	3		
Very Stiff Dark Brown Sandy Clay Loam/ Silty Clay Loam Fill	4	3.3	13.0
	3	P	
-5			
	3		
	4	3.8	19.5
	6	B	
487.27			
	3		
Loose Brown Medium Sand/ Medium Gravel	4		12.1
	3		
Sand Cave in at 8' After Auger Removal			
484.77 -10			
	3		
Loose Brown Medium/Coarse Sand with minor Fine/ Medium Gravel	4		20.1
	5		
	2		
	4		17.5
	5		
-15			
479.27	11		
Medium Brown Fine Sand			
Washed out at 17.5'	15		21.6
	15		
	2		
	4		22.4
	9		
475.27 -20			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Dense Brown Fine Sand	12		
washed out at 20' *(continued)*	23		17.6
473.27	27		
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 3/16/05

ROUTE DuPont Road DESCRIPTION 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. 2
Station 22+13
Offset 25.00ft Lt
Ground Surface Elev. 491.42 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			
489.92			
	2		
Stiff Brown Sandy Clay Loam/ Sandy Loam Fill	3	2.0	15.4
488.42	3	P	
Very Loose Brown Medium to Coarse Sand Fairly well Graded			
	1		
Sand Cave in at 5' after augers removed	-5 1		20.3
	2		
485.42			
Very Loose Brown Medium to Coarse Sand with minor Fine to Medium Gravel	2		
	2		20.7
Sample washed from 9' to12'	2		
	1		
-10	1		22.0
	1		
479.42	2		
Medium Brown Medium/ Coarse Sand with minor Fine/ Medium Gravel with layers of Fine/ Medium Sand At 14'-16'	4		19.6
	6		
Sample washed at 12'- 16.5'	4		
-15	9		22.4
	14		
	5		
	11		20.0
	19		
472.92			
	6		
-20	9		18.1

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
470.92	25		
Dense Brown Fine to Coarse Sand with minor Fine to Medium Gravel			
Sample Washed from 18.5' to 20.5' *(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)

DESIGNED	-
CHECKED	-
DRAWN	- JHR
CHECKED	-

200

EXAMINED
ENGINEER OF BRIDGE DESIGN

PASSED
ENGINEER OF BRIDGES AND STRUCTURES

SOIL BORING LOG # 1 & 2
FOR RETAINING WALL
LA SALLE COUNTY,
SECTION 109 BR