Illinois Department of Transportation
Division of Highways
Reynolds Drilling Corporation

SOIL BORING LOG

Date 6/23/10

ROUTE CR0700E DESCRIPTION Bridge Replacement boring LOGGED BY AP/KFD

SECTION 09-04131-00-BR LOCATION SEC. 9, TWP. 15N, RNG. 5E

COUNTY Moultrie County DRILLING METHOD HSA HAMMER TYPE Hydraulic

STRUCT. NO.
Station

BORING NO. B-1
Station
Offset
Ground Surface Elev. 0.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter -20.5 ft
Upon Completion -47.5 ft
After 1.0 Hrs. -39.0 ft

Description	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
SILTY CLAY LOAM- A-6- Brown, moist, trace sand, little organic		1		
		1		22.5
		2		
		1		
	-5	1		24.1
	-5.50	1		
LOAM- A-4- Gray, very moist, clayey sand, trace gravel		1		
		1		16.6
	-8.00	1		
SILTY CLAY LOAM- A-6- Gray, moist, little sand, trace gravel		2		
	-10	3	6.8	11.6
		6		
		5		
		7		13.2
		7		
		4		
	-15	7	3.6	12.8
	-15.50	11		
SILT-A-4- Gray, moist		8		
		34		12.8
	-18.00	46		
SILTY CLAY LOAM- A-4- Gray, moist, little sand, trace gravel		10		
	-20	30		8.7
SILTY CLAY LOAM- A-4- Gray, moist, little sand, trace gravel (continued)		54		
		11		
		24	9.2	8.9
	-23.00	42		
SILTY CLAY LOAM- A-6- Gray, moist, little sand, trace gravel		8		
	-25	16	2.4	8.7
		19		
		7		
		12	12.1	10.8
		15		
		4		
	-30	7	3.4	15.8
		8		
		6		
	-35	12	6.8	11.8
	-35.50	19		
		8		
	-40	20		10.2

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)

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Description	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
SILTY CLAY LOAM- A-4- Gray, moist, little to some sand, trace gravel (continued)		27		
		29		
	-45	50	3.4	9.7
		100		
		68		
	-50		3.4	7.5
	-50.50			
End of Boring				
	-55			
	-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. from 137 (Rev. 8-99)

B-1

FILE NAME = 090171-sht-b-bdge.dgn	USER NAME =	DESIGNED - A.S.L.	REVISED -
HAMPTON, LENZINI AND RENWICK, INC.		CHECKED - S.W.M.	REVISED -
	PLOT SCALE =	DRAWN - D.A.B.	REVISED -
	PLOT DATE = 10/30/2012	CHECKED - S.W.M.	REVISED -

STATE OF ILLINOIS
MOULTRIE COUNTY HIGHWAY DEPARTMENT

BORINGS
STRUCTURE NO. 070-4443
SHEET NO. 9 OF 10 SHEETS

T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
19	09-04131-00-BR	MOULTRIE	25	24
LOVINGTON ROAD DISTRICT		CONTRACT NO. 95697		
		ILLINOIS FED. AID PROJECT		