



Illinois Department of Transportation
Division of Highways
Reynolds Drilling Corp.

SOIL BORING LOG

Page 1 of 2

Date 4/18/08

ROUTE CR 14.00 E DESCRIPTION Soils Boring for Bridge Replacement LOGGED BY CE Jolly

SECTION 08-05125-00-BR LOCATION Lowe, SEC. 20, TWP. 15N, RNG. 6E, 3rd PM

COUNTY Moultrie DRILLING METHOD Hollow Stem Auger HAMMER TYPE Hydraulic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	E	L	C	O	ft	E	L	C	O
	P	O	S	I	Stream Bed Elev.	P	O	S	I
	T	W	Qu	T	ft	H	S	Qu	T
BORING NO.	H	S			Groundwater Elev.:				
Station					First Encounter				
Offset					Upon Completion				
Ground Surface Elev.	(ft)	(/ft)	(tsf)	(%)	After	Hrs.	(ft)	(/ft)	(tsf)
Oil & Chip road and subgrade.	678.00				Gray, moist SILTY LOAM, trace sand, trace gravel. (A-4)		3		16.6
Brown, moist SILTY CLAY LOAM. (A-7-6)				16.3	(continued)		8		
							9		
							13	7.8	11.3
							21	B	
							8		
							16		
							21		
Gray, moist CLAY LOAM. (A-5)	672.00						6		
							9	5.3	11.7
							15	B	
Gray, moist CLAY LOAM. (A-5)	669.50				Brown, moist PEAT. (A-8)		6		
							8	2.0	59.9
							10	P	
							6		
							7	1.0	19.0
							7	B	
Gray, moist SILTY LOAM, trace sand, trace gravel. (A-4)	667.00				Gray, moist SILTY LOAM, trace sand, trace gravel. (A-6)		8		
							10	1.0	19.3
							13	B	
							6		
							6	1.0	19.0
							7	B	
							5		
							5		18.1
							5		
							3		

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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STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	E	L	C	O	ft	E	L	C	O
	P	O	S	I	Stream Bed Elev.	P	O	S	I
	T	W	Qu	T	ft	H	S	Qu	T
BORING NO.	H	S			Groundwater Elev.:				
Station					First Encounter				
Offset					Upon Completion				
Ground Surface Elev.	(ft)	(/ft)	(tsf)	(%)	After	Hrs.	(ft)	(/ft)	(tsf)
Gray, saturated, fine to coarse SAND, with fine gravel. (A-1-a)				16.7			5		
(continued)							8		
							9		
							8		28.0
							7		
							8		
							8		26.8
							8		
Brown, moist PEAT. (A-8)	631.30						7		
							4	2.0	45.7
							7	P	
							6		
							8		19.8
							12		
End of Boring									

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	S.M.S.
CHECKED	S.W.M.
DRAWN	D.A.B.
CHECKED	D.T.M.

BORING

BORING
STRUCTURE NO. 070-4535

HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS LAND SURVEYORS 3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400	SHEET NO. 8 8 SHEETS	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		146	08-05125-00-BR	MOULTRIE	15	15
PROJECT NUMBER: 08.0094.130 DATE: 10/20/06		LOWE ROAD DISTRICT		CONTRACT NO. 95565		
		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		