Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Date 8/11/05

ROUTE FAP 323 (US 36) DESCRIPTION 2 Miles West of Hammond Over Drainage Ditch #4 LOGGED BY CNA

SECTION (142BY)BR LOCATION NE, SEC. 3, TWP. 15N, RNG. 5E, PM

COUNTY Moultrie DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 070-0009
Station 316+75

BORING NO. 1 Northeast Abut.
Station 317+16
Offset 15.00ft Lt.
Ground Surface Elev. 667.5 ft

Surface Water Elev. 655.3 ft
Stream Bed Elev. 655.1 ft

Groundwater Elev.:
First Encounter 640.0 ft
Upon Completion Wash Bored ft
After ____ Hrs. ____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Pavement	667.50				
Dark Gray/Black Mottled Silty Clay Loam (Embankment)	665.50		2		
			1	1.2	23
		-5	2	B	
			1		
Dark Gray Sandy Clay Loam Till	660.50		2	1.4	25
			3	B	
Gray/Brown Mottled Sandy Clay Loam Till (Trace of Free Water)	659.00		1		
			1	1	20
		-10	2	B	
			2		
Gray Sandy Clay Loam Till	655.50		6	4.3	13
			7	B	
			8		
			13		
(No Sample Obtained)		-15	17		
Dark Gray to Gray Sandy Clay Loam Till	651.50		6		
			10	9.9	10
			17	B	
			3		
			11	10.3	9
		-20	17	S	
Dark Gray to Gray Sandy Clay Loam Till (continued)			28		
			39		
		-25	36		
Dark Gray to Gray Sand Loam Till (Large Angular Gravel - Drilled Rough)	642.50				
Gray Medium Sand	640.00				
Dark Brown Clay to Clay Loam	638.50		12		
			17	4.8	21
		-30	20	S	
Brown Dirty Very Coarse Sand & Gravel with Traces of Sandy Clay Loam Till (Drilled Rough)	636.50				
			11		
			17		
		-35	19		
Brown Well Sorted Coarse Sand	630.50				
			6		
			6		
		-40	6		

Latitude , Longitude , Map Datum

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
Illinois Department of Transportation

SOIL BORING LOG

Date 8/11/05

ROUTE FAP 323 (US 36) DESCRIPTION 2 Miles West of Hammond Over Drainage Ditch #4 LOGGED BY CNA

SECTION (142BY)BR LOCATION NE, SEC. 3, TWP. 15N, RNG. 5E, PM

COUNTY Moultrie DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 070-0009
Station 316+75

BORING NO. 1 Northeast Abut.
Station 317+16
Offset 15.00ft Lt.
Ground Surface Elev. 667.5 ft

Surface Water Elev. 655.3 ft
Stream Bed Elev. 655.1 ft

Groundwater Elev.:
First Encounter 640.0 ft
Upon Completion Wash Bored ft
After ____ Hrs. ____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Well Sorted Coarse Sand (continued)	624.50				
Gray Sandy Clay Loam Till			36		
			50-4"		6
		-45			
(Pulled Augers/Re-drilled Hole - 6' of Blow In)					
			48		
			50-3"		6
(Auger Refusal)	617.50	-50			
		-55			
		-60			

Latitude , Longitude , Map Datum

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)

BORING LOGS
STRUCTURE NO. 070-2018

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2223.1	DESIGNED	A.A.N. & T.S.H.
FILE = 22231borings.dgn	CHECKED	M.D.C.
DATE = 4/29/2009	DRAWN	T.S.H.
	CHECKED	M.D.C.

Sheet 6 of 7

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
323	(142BY)BR	MOULTRIE	35	29
		CONTRACT NO. 74165		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		