



Illinois Department
of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 8/16/05

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 D E L U M
Station 316+75 P O S O I
BORING NO. 2 Southwest Abut. T W S T
Station 316+32 H S Qu T
Offset 15.00ft Rt.
Ground Surface Elev. 667.6 ft (ft) (/6") (tsf) (%)

Soil Description	Elev. (ft)	(ft) (/6")	(tsf)	(%)	D	B	U	M
Pavement								
	665.60							
Brown/Black Mottled Silty Clay Loam (Embankment)		2						
		3						
		-5	2					
	660.60	2	1	28				
Gray/Brown Mottled Sandy Clay Loam		3	B					
		1						
	657.60	-10	0.9	27				
Dark Gray Sandy Clay Loam with Trace Organics		2	B					
	655.60	1		42				
Dark Gray / Brown Sandy Clay Loam Till		5						
		6						
		9	7.4	10				
		-15	B					
Gray Dirty Very Coarse Sand with Angular Gravel with Traces of Sandy Clay Loam Till	652.10	10						
		16						
		26						
Gray Fine Sand to Silt	649.60	8						
		11						
		-20	10					

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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Soil Description	Elev. (ft)	(ft) (/6")	(tsf)	(%)	D	B	U	M
Gray Sandy Clay Loam Till (continued)								
	645.60							
Gray Moderately Sorted Coarse Sand with Trace of Gravel		10						
	643.10	11		32				
Brown Slightly Organic Silty Clay to Silt		-25	9					
	640.60	4						
Dark Gray to Brown Sand Loam Till		8	7	11				
		-30	11	S				
Gray Sandy Clay Loam Till	636.60	6						
		11		13				
		-35	14					
		-55						
		-60						

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BORING LOGS STRUCTURE NO. 070-2018

CEC Civil and Structural Engineering	Cummins Engineering Corporation	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 7 of 7	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	323	(142BY)BR	MOULTRIE	35	30
	CONTRACT NO. 74165				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					