

SCDOT Soil Test Log

Project ID:	029208				County:	Lexington			Boring No.:	B-11			
Site Description:	I-26 WIDENING PROJECT MM85-MM101								Route:	S-49			
Eng./Geo.:	M. Bailey		Boring Location:			82+39.17		Offset:	13' RT		Alignment:	BRIDGE 7	
Elev.:	440.6 ft		Latitude:	34.1923745		Longitude:	-81.3490529		Date Started:		8/25/2017		
Total Depth:	83.5 ft		Soil Depth:	63.5 ft		Core Depth:	20 ft		Date Completed:		8/25/2017		
Bore Hole Diameter (in):			2.25		Sampler Configuration			Liner Required:	Y (N)		Liner Used:	Y (N)	
Drill Machine:	CME-550X		Drill Method:	2.25 HSA		Hammer Type:	Automatic			Energy Ratio:	80%		
Core Size:	NQ		Driller:	Soil Consultants		Groundwater:	TOB GNE		24HR		GNE		

Elevation (ft)	Depth (ft)	MATERIAL DESCRIPTION	Graphic Log	Sample Depth (ft)	Sample No./Type	1st 6"	2nd 6"	3rd 6"	N Value	<div> <div>● SPT N VALUE ●</div> <div> <div>PL X</div> <div>MC ○</div> <div>LL X</div> </div> <div>▲ FINES CONTENT (%)</div> </div>
	0.0	FILL								
	3.0	Very stiff, moist, reddish brown, Sandy SILT (ML) (A-5)		1.0	SS-1	12	11	13	24	
	5.5	RESIDUAL		3.5	SS-2	6	11	15	26	
435.6		Very stiff, moist, reddish brown, Sandy SILT (ML) (A-5)		6.0	SS-3	5	8	12	20	
		Very stiff to stiff, moist, reddish brown, Sandy SILT (ML) (A-5) with trace mica		8.5	SS-4	3	5	6	11	
430.6				13.5	SS-5	3	5	5	10	
425.6				18.5	SS-6	3	6	9	15	
420.6				23.5	SS-7	7	11	15	26	
415.6		LL=44, PL=39, PI=5, NMC=22.3, %200=89		28.5	SS-8	12	18	22	40	
	27.0	Hard to very stiff, moist, orangish tan to brown, Sandy SILT (ML) (A-4)		33.5	SS-9	11	16	18	34	
410.6				38.5	SS-10	12	14	15	29	
405.6										

LEGEND

Continued Next Page

SAMPLER TYPE		DRILLING METHOD	
SS - Split Spoon	NQ - Rock Core, 1-7/8"	HSA - Hollow Stem Auger	RW - Rotary Wash
UD - Undisturbed Sample	CU - Cuttings	CFA - Continuous Flight Augers	RC - Rock Core
AWG - Rock Core, 1-1/8"	CT - Continuous Tube	DC - Driving Casing	