

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: PROPOSED	
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> ● SPT N VALUE ● </div> <div> PL X MC O LL X </div> <div> ▲ FINES CONTENT (%) </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

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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	