

SCDOT Soil Test Log

Project ID:	P027662	County:	Lexington/Richland	Boring No.:	B-59
Site Description:	Carolina Crossroads I-20/26/126 Corridor Improvement Project			Route:	Site 37
Eng./Geo.:	ELF/MFC	Boring Location:	206+15.30	Offset:	R:154.848
Elev.:	322.4 ft	Latitude:	34.039279	Longitude:	-81.092863
Date Started:	1/15/2018				
Total Depth:	119.6 ft	Soil Depth:	110 ft	Core Depth:	9.6 ft
Date Completed:	1/19/2018				
Bore Hole Diameter (in):	3.5	Sampler Configuration	Liner Required: Y (N)		Liner Used: Y (N)
Drill Machine:	CME 55	Drill Method:	RW	Hammer Type:	Automatic
Energy Ratio:	84.1%				
Core Size:	NQ	Driller:	T. Miller	Groundwater:	TOB N/A
24HR	10.2 ft				

Elevation (ft)	Depth (ft)	MATERIAL DESCRIPTION	Graphic Log	Sample Depth (ft)	Sample No./Type	1st 6"	2nd 6"	3rd 6"	4th 6"	N Value	<div> <div>● SPT N VALUE ●</div> <div> <div>PL</div> <div>MC</div> <div>LL</div> </div> <div>▲ FINES CONTENT (%)</div> </div>
277.4	43.5	@ 43.5 feet - no recovery.		43.5	SS-12	2	3	4		7	●
272.4	48.5	@ 48.5 feet - no recovery, stiff.		48.5	SS-13	3	4	7		11	●
267.4	53.5	LEAN CLAY (CL) - very stiff, moist, reddish-yellow (7.5YR 8/6), mostly low plasticity fines, few fine sands, [LL=31, PL=23, PI=8, NMC=27.2%, %200=90.3], AASHTO = A-4 (7).		53.5	SS-14	12	12	17		29	●
58.5	58.5	SANDY SILT (ML) - hard, moist, light gray (7.5YR 7/1), mostly low plasticity fines, some fine to medium sands.		58.5	SS-15	10	16	23		39	●

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	