

# SCDOT Soil Test Log

<b>Project ID:</b>	P027662	<b>County:</b>	Lexington/Richland	<b>Boring No.:</b>	B-59
<b>Site Description:</b>	Carolina Crossroads I-20/26/126 Corridor Improvement Project			<b>Route:</b>	Site 37
<b>Eng./Geo.:</b>	ELF/MFC	<b>Boring Location:</b>	206+15.30	<b>Offset:</b>	R:154.848
<b>Elev.:</b>	322.4 ft	<b>Latitude:</b>	34.039279	<b>Longitude:</b>	-81.092863
<b>Date Started:</b>	1/15/2018				
<b>Total Depth:</b>	119.6 ft	<b>Soil Depth:</b>	110 ft	<b>Core Depth:</b>	9.6 ft
<b>Date Completed:</b>	1/19/2018				
<b>Bore Hole Diameter (in):</b>	3.5	<b>Sampler Configuration</b>	<b>Liner Required:</b> Y (N)		<b>Liner Used:</b> Y (N)
<b>Drill Machine:</b>	CME 55	<b>Drill Method:</b>	RW	<b>Hammer Type:</b>	Automatic
<b>Energy Ratio:</b>	84.1%				
<b>Core Size:</b>	NQ	<b>Driller:</b>	T. Miller	<b>Groundwater:</b>	TOB N/A
<b>24HR</b>	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>
237.4		@ 83.5 feet - trace gravel-sized rock fragments.		83.5	SS-20	3250/5"	-			100	
232.4	88.5	<b>PIEDMONT RESIDUUM - SANDY SILT (ML)</b> - hard, moist, dark grayish-brown (10YR 4/2), mostly low plasticity fines, some fine to medium sands, trace gravel-sized rock fragments.		88.5	SS-21	33	37	40		77	
227.4	93.5	<b>PARTIALLY WEATHERED ROCK (PWR) - SANDY SILT (ML)</b> - very hard, moist, dark grayish-brown (10YR 4/2), mostly low plasticity fines, some fine to medium sands, trace gravel-sized rock fragments.		93.5	SS-22	19	49	50/2"		100	
				98.5	SS-23	50/2"	-			100	

## 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	