

# 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						
Alignment:		Proposed															
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> ● SPT N VALUE ● </div> <div> PL X MC O LL X </div> <div> ▲ FINES CONTENT (%) </div>
257.4	63.5	<b>PARTIALLY WEATHERED ROCK (PWR)</b> <b>- SANDY SILT (ML)</b> - very hard, moist, light gray (7.5YR 7/1), mostly low plasticity fines, some fine to medium sands.		63.5	SS-16	23	29	50	4"	100	
252.4	68.5	<b>PIEDMONT RESIDUUM - SILTY SAND (SM)</b> - very dense, moist, very pale brown (10YR 7/4), mostly fine sands, some low plasticity fines.		68.5	SS-17	14	26	34		60	
247.4	73.5	<b>PARTIALLY WEATHERED ROCK (PWR)</b> <b>- SANDY SILT (ML)</b> - hard, wet, very pale brown (10YR 7/4), mostly low plasticity fines, some fine to medium sands.		73.5	SS-18	50	5"	-		100	
		@ 78.5 feet - brown (10YR 5/3).		78.5	SS-19	26	50	3"	-	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	

SC\_DOT\_1461-16-047\_ALL BORINGS - HGM 7-16-18.GPJ SCDOT DATA TEMPLATE\_01\_30\_2015.GDT 10/11/18