

SCDOT Soil Test Log

Project ID: P027662				County: Lexington/Richland		Boring No.: W-29		
Site Description:		Carolina Crossroads I-20/26/126 Corridor Improvement Project					Route: I-20	
Eng./Geo.: AKS		Boring Location: 205+83.54		Offset: R:192.263		Alignment: Proposed		
Elev.: 284.2 ft	Latitude: 34.038238	Longitude: -81.095809	Date Started: 3/23/2018					
Total Depth: 59.9 ft	Soil Depth: 49.3 ft	Core Depth: 10.6 ft	Date Completed: 3/26/2018					
Bore Hole Diameter (in): 3.5		Sampler Configuration		Liner Required: Y (N)		Liner Used: Y (N)		
Drill Machine: D-50	Drill Method: RW	Hammer Type: Automatic		Energy Ratio: 86.5%				
Core Size: NQ	Driller: J. Millwood	Groundwater: TOB 10.1 ft		24HR: 6.8 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 X</div> <div>MC ○</div> <div>LL X</div> </div> <div>▲ FINES CONTENT (%)</div> <div>0 10 20 30 40 50 60 70 80 90</div> </div>
259.2	23.5	PIEDMONT RESIDUUM - LEAN CLAY WITH SAND (CL) - firm, moist, light yellowish-brown (10YR 6/3), mostly low plasticity fines, little fine sands, [LL=48, PL=27, PI=21, NMC=37.6%, %200=78.6], AASHTO = A-7-6 (18).		23.5	SS-8	3	3	4		7	<div> <div>●</div> <div>X ○ X</div> <div>▲</div> </div>
254.2	28.5	PARTIALLY WEATHERED ROCK (PWR) - SILTY SAND (SM) - very dense, moist, light yellowish-brown (10YR 6/3), subangular, mostly fine to medium sands, some low plasticity fines.		28.5	SS-9	21	47	50/4"		100	<div> <div>●</div> </div>
249.2	33.5			33.5	SS-10	30	50/5"	-		100	<div> <div>●</div> </div>
	38.5			38.5	SS-11	50/2"	-	-		100	<div> <div>●</div> </div>

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	