

SCDOT Soil Test Log

Project ID:		P027662			County:		Lexington/Richland		Boring No.:		B-58					
Site Description:			Carolina Crossroads I-20/26/126 Corridor Improvement Project							Route:		Site 39				
Eng./Geo.:		AKS		Boring Location:			204+85.63		Offset:		L:130.273'		Alignment:		Proposed	
Elev.:		318.6 ft		Latitude:		34.039822		Longitude:		-81.093664		Date Started:		4/4/2018		
Total Depth:		102.4 ft		Soil Depth:		102.4 ft		Core Depth:		0 ft		Date Completed:		4/6/2018		
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:		N/A		Driller:		J. Millwood			Groundwater:		TOB 14.9 ft		24HR		32.5 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>
273.6		@ 43.5 feet - medium dense.		43.5	SS-12	5	7	7		14	●
268.6	48.5	PIEDMONT RESIDUUM - SILT WITH SAND (ML) - hard, moist, gray (10YR 6/1), yellow (10YR 8/8), and brown (10YR 4/3), mostly low plasticity fines, little fine sands, [LL=48, PL=30, PI=18, NMC=28.0%, %200=78], AASHTO = A-7-5 (15).		48.5	SS-13	10	14	20		34	○● X ▲
263.6		@ 53.5 feet - yellow (10YR 7/6).		53.5	SS-14	14	21	28		49	●
				58.5	SS-15	15	17	33		50	●

LEGEND

Continued Next Page

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	