

# SCDOT Soil Test Log

Project ID:		P027662			County:		Lexington/Richland		Boring No.:		B-56								
Site Description:			Carolina Crossroads I-20/26/126 Corridor Improvement Project							Route:		Site 38							
Eng./Geo.:			AKS		Boring Location:			201+60.83		Offset:		L:183.302'		Alignment:		Proposed			
Elev.:		305.8 ft		Latitude:		34.039615		Longitude:		-81.094676		Date Started:		3/16/2018					
Total Depth:		101.4 ft		Soil Depth:		80.8 ft		Core Depth:		20.6 ft		Date Completed:		3/20/2018					
Bore Hole Diameter (in):				7.5		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		12.9 ft		24HR		20.7 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>
260.8		@ 43.5 feet - very stiff.		43.5	SS-12	8	12	14		26	●
255.8	48.5	<b>PARTIALLY WEATHERED ROCK - SANDY SILT (ML)</b> - very hard, moist, yellowish brown (10YR 5/4), mostly low plasticity fines, some fine sands.		48.5	SS-13	20	50/5"	-		100	●
250.8		@ 53.5 feet - gray (10YR 5/1).		53.5	SS-14	46	45	50/4"		100	●
		@ 58.5 feet - yellowish brown (10YR 5/4).		58.5	SS-15	50/3"	-	-		100	●

## 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	