

# 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> ● SPT N VALUE ● </div> <div> PL MC LL </div> <div> ▲ FINES CONTENT (%) </div>
240.8		@ 63.5 feet - light gray (10YR 7/1).		63.5	SS-16 50/3"-	-	-	-	-	100	
235.8		@ 68.5 feet - yellowish brown (10YR 5/4).		68.5	SS-17 50/1"	-	-	-	-	100	
230.8				73.5	SS-18 50/3"-	-	-	-	-	100	
78.5		<b>SILTY SAND (SM)</b> - very dense, moist, yellowish brown (10YR 5/4), subangular, mostly fine to coarse sands, some low plasticity fines, trace weathered rock		78.5	SS-19 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	