

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 O</div> <div>LL X</div> </div> <div>▲ FINES CONTENT (%)</div> <div>0 10 20 30 40 50 60 70 80 90</div> </div>
293.6		@ 23.5 feet - loose, reddish-yellow (5YR 7/8), mostly fine to medium sands, little low plasticity fines, [LL=45, PL=23, PI=22, NMC=18.1%, %200=26], AASHTO = A-2-7 (0).		23.5	SS-8	3	3	4		7	● O X ▲ — X
288.6		@ 28.5 feet - yellow (10YR 8/8).		28.5	SS-9	3	3	3		6	●
283.6	33.5	SILTY SAND (SM) - very loose, moist, yellow (10YR 8/8), mostly fine to medium sands, little low plasticity fines, [LL=45, PL=27, PI=18, NMC=22.1%, %200=26], AASHTO = A-2-7 (0).		33.5	SS-10	2	1	2		3	● O X ▲ — X
		@ 38.5 feet - loose.		38.5	SS-11	2	3	3		6	●

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	