

Project ID:	P027662	County:	Lexington/Richland	Boring No.:	B-42
Site Description:	Carolina Crossroads I-20/26/126 Corridor Improvement Project			Route:	Site 42
Eng./Geo.:	NGS	Boring Location:	15+14.99	Offset:	L:70.78'
Elev.:	218.6 ft	Latitude:	34.021612	Longitude:	-81.094321
Total Depth:	87 ft	Soil Depth:	66.5 ft	Core Depth:	20.5 ft
Date Started:	3/1/2018				
Date Completed:	3/2/2018				
Bore Hole Diameter (in):	3.5	Sampler Configuration	Liner Required: Y (N)		Liner Used: Y (N)
Drill Machine:	CME 55	Drill Method:	RW	Hammer Type:	Automatic
Energy Ratio:	84.1%				
Core Size:	NQ	Driller:	T. Miller	Groundwater:	TOB 5 ft
24HR	21 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	● SPT N VALUE ● PL — MC — LL ▲ FINES CONTENT (%) 0 10 20 30 40 50 60 70 80 90
193.6		▼ @ 23.5 feet - moist to wet.		23.5	SS-8	3	6	8		14	●
188.6				28.5	SS-9	3	5	7		12	●
183.6		@ 33.5 feet - [LL=32, PL=29, PI=3, NMC=25.7%, % _{#200} =41.1], AASHTO = A-4 (0).		33.5	SS-10	4	6	7		13	● ○× ▲
				38.5	SS-11	5	4	9		13	●

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	