

SCDOT Soil Test Log

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	<div> <div>● SPT N VALUE ●</div> <div> <div>PL X</div> <div>MC ○</div> <div>LL X</div> </div> <div>▲ FINES CONTENT (%)</div> </div>
173.6				43.5	SS-12	9	12	16		28	●
168.6				48.5	SS-13	3	1	14		15	●
163.6	53.5	PARTIALLY WEATHERED ROCK (PWR) - SILTY SAND (SM) - very dense, moist, pale brown (10YR 6/3), white (10YR 8/1), and brown (10YR 4/3), mostly medium to coarse sands, little low plasticity fines, weathered rock fragments.		53.5	SS-14	30 50/3" -				100	●
				58.5	SS-15	40 50/4" -				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	