

Project ID:	P039718	County:	Richland	Boring No.:	G-088
Site Description:	Carolina Crossroads Phase 1 - Bridge 36			Route:	Ramp D
Eng./Geo.:	CM	Boring Location:	201+90	Offset:	54 LT
Elev.:	244.1 ft	Latitude:	34.0214151	Longitude:	-81.09388636
Total Depth:	60 ft	Soil Depth:	60 ft	Date Started:	2/9/2022
Core Depth:	NA ft	Date Completed:	2/9/2022		
Bore Hole Diameter (in):	2.25	Sampler Configuration		Liner Required:	Y (N)
Liner Used:	Y (N)				
Drill Machine:	D-50 #0435	Drill Method:	HSA	Hammer Type:	Automatic
Energy Ratio:	84%				
Core Size:	NA	Driller:	M. Morgan	Groundwater:	TOB 42.2 ft
24HR:	FIAD				

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 (%) + RQD (%) ■ REC (%)
	0.0										0 10 20 30 40 50 60 70 80 90
	0.4	Asphalt		0.4							
	2.0	Roadway Embankment Orange, Moist, Loose, Silty Sand		2.0	SS-92	7	4	5		9	●
		Orange and Pink, Moist, Stiff, Sandy Silt		4.0	SS-93	3	4	7	7	11	●
239.1	6.1			6.0		3	4	6	9	10	●
		Orange, Red, and Pink, Moist, Very Loose to Loose, Silty Sand (SM)		8.0	SS-94	3	2	3	6	5	●
234.1		SS-95: NM=18.1% LL=41 PL=26 PI=15 #200=47.5% (A-7-6)			SS-95	1	2	1	3	3	● ○ × ▲
				13.5							
229.1	16.5					3	2	3		5	●
		Coastal Plain									
		Red, Orange, and Brown, Moist, Firm to Stiff, Sandy Clay		18.5	SS-96	2	2	3		5	●
224.1				23.5							
219.1	27.0				SS-97	2	4	8		12	●
		Residual									
		Orange, Red, Tan, and White, Moist to Wet, Loose to Medium Dense, Saprolitic, Silty Sand (SM)		28.5	SS-98	5	6	7		13	●
214.1		SS-100: NM=26.8% LL=37 PL=35 PI=2 #200=39.3% (A-4)		33.5							
209.1					SS-99	2	3	4		7	●
				38.5		2	3	4		7	●
204.1				43.5							
					SS-100	1	3	5		8	● ○ × ▲

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	