

SCDOT Soil Test Boring Log

File No.:	38.040308	Project No. (PIN):	BR38(019)	County:	Orangeburg	Eng./Geo.:	R. DeLost
Site Description:						Route:	US 301
Boring No.:	B-6	Boring Location:	5951+41	Offset:	8' Rt.	Alignment:	US 301
Elev.:	107.8 ft	Latitude:	33.4575	Longitude:	80.64796	Date Started:	4/6/2014
Total Depth:	35.2 ft	Soil Depth:	15.2 ft	Core Depth:	20 ft	Date Completed:	4/8/2014
Bore Hole Diameter (in):	4	Sampler Configuration		Liner Required:	Y (N)	Liner Used:	Y (N)
Drill Machine:	CME 45C	Drill Method:	RW/RC/DC	Hammer Type:	Automatic	Energy Ratio:	79%
Core Size:	NQ2	Driller:	M. Morgan	Groundwater:	TOB NA	24HR	NA

Elevation (ft)	Depth (ft)	MATERIAL DESCRIPTION	Graphic Log	Sample Depth (ft)	Sample No./Type	1st 6"	2nd 6"	3rd 6"	N Value	<div> <div>● SPT N VALUE ●</div> <div> <div>PL</div> <div>MC</div> <div>LL</div> </div> <div>▲ FINES CONTENT (%)</div> </div>
52.8		sandstone, fossiliferous (frags. & trc. mega shells). med. strong 25.6'-26.5'; 27+ 0° B, T-MW, No, PI-Ir, SR Boring Terminated @ 35.2' (Elev. 85.0). Bridge deck to mudline 12.4'.								<div>0 10 20 30 40 50 60 70 80 90</div>
47.8										
42.8										
37.8										
32.8										
27.8										
22.8										
17.8										
12.8										

LEGEND

SAMPLER TYPE		DRILLING METHOD	
SS - Split Spoon	NQ - Rock Core, 1-7/8"	HSA - Hollow Stem Auger	RW - Rotary Wash
ST - Shelby Tube	CU - Cuttings	CFA - Continuous Flight Augers	RC - Rock Core
AWG - Rock Core, 1-1/8"	CT - Continuous Tube	DC - Driving Casing	