

SCDOT Soil Test Boring Log

File No.:	38.040308	Project No. (PIN):	BR38(019)	County:	Orangeburg	Eng./Geo.:	R. DeLost	
Site Description:						Bridge Replacement over Four Hole Swamp	Route:	US 301
Boring No.:	B-5	Boring Location:		5950+98	Offset:	8' Lt.	Alignment:	US 301
Elev.:	105.5 ft	Latitude:	33.45747	Longitude:	80.64781	Date Started:		4/12/2014
Total Depth:	101.3 ft	Soil Depth:	80.3 ft	Core Depth:	21 ft	Date Completed:		4/13/2014
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
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>
101.3		No Casing Refusal & Boring Terminated @ 101.3' (Elev. 19.0).			SS-20	15	42	50/0.3	32/0.8	>>●
0.5		Bridge deck to mudline 14.8'.								
-4.5										
-9.5										
-14.5										
-19.5										
-24.5										
-29.5										
-34.5										
-39.5										

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	