

# SCDOT Soil Test Boring Log

<b>File No.:</b>	38.040308	<b>Project No. (PIN):</b>	BR38(019)	<b>County:</b>	Orangeburg	<b>Eng./Geo.:</b>	R. DeLost
<b>Site Description:</b>	Bridge Replacement over Four Hole Swamp					<b>Route:</b>	US 301
<b>Boring No.:</b>	B-8	<b>Boring Location:</b>	5952+17	<b>Offset:</b>	8' Rt.	<b>Alignment:</b>	US 301
<b>Elev.:</b>	120.0 ft	<b>Latitude:</b>	33.45747	<b>Longitude:</b>	80.64821	<b>Date Started:</b>	4/8/2014
<b>Total Depth:</b>	101.4 ft	<b>Soil Depth:</b>	80.5 ft	<b>Core Depth:</b>	20.9 ft	<b>Date Completed:</b>	4/9/2014
<b>Bore Hole Diameter (in):</b>	4	<b>Sampler Configuration</b>		<b>Liner Required:</b>	Y (N)	<b>Liner Used:</b>	Y (N)
<b>Drill Machine:</b>	CME 45C	<b>Drill Method:</b>	RW/RC/DC	<b>Hammer Type:</b>	Automatic	<b>Energy Ratio:</b>	79%
<b>Core Size:</b>	NQ2	<b>Driller:</b>	M. Morgan	<b>Groundwater:</b>	TOB	12 ft.	24HR 10.4 ft.

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 X</div> <div>MC ○</div> <div>LL X</div> </div> <div>▲ FINES CONTENT (%)</div> <div>0 10 20 30 40 50 60 70 80 90</div> </div>
101.4	101.4	No Casing Refusal & Boring Terminated @ 101.4' (Elev. 18.6).			SS-20	25	31	50/0.48	1/0.9	>>●
15.0		Could not obtain sample at 15.0' due to bore backfilling w/wash rotary, switched to mud rotary drilling. Bulk Sample #2 taken at 1' to 5' deep as per boring plan.								
10.0										
5.0										
0.0										
-5.0										
-10.0										
-15.0										
-20.0										
-25.0										

## 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	