

SCDOT Soil Test Log

Project ID:	029208	County:	Lexington	Boring No.:	B-11
Site Description:	I-26 WIDENING PROJECT MM85-MM101			Route:	S-49
Eng./Geo.:	M. Bailey	Boring Location:	82+39.17	Offset:	13' RT
Elev.:	440.6 ft	Latitude:	34.1923745	Longitude:	-81.3490529
Date Started:	8/25/2017				
Total Depth:	83.5 ft	Soil Depth:	63.5 ft	Core Depth:	20 ft
Date Completed:	8/25/2017				
Bore Hole Diameter (in):	2.25	Sampler Configuration		Liner Required:	Y (N)
Liner Used:	Y (N)				
Drill Machine:	CME-550X	Drill Method:	2.25 HSA	Hammer Type:	Automatic
Energy Ratio:	80%				
Core Size:	NQ	Driller:	Soil Consultants	Groundwater:	TOB GNE
24HR:	GNE				

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>
81.9	81.9	METATUFF, black, closely fractured, very slight weathering, hard		81.9	NQ-5					REC=90%, RQD=79%, UCS=5731.7 psi
83.5	83.5	Boring terminated at 83.5 feet								
355.6										
350.6										
345.6										
340.6										
335.6										
330.6										
325.6										

LEGEND

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	