

SCDOT Soil Test Log

Project ID:	029208	County:	Lexington	Boring No.:	B-10
Site Description:	I-26 WIDENING PROJECT MM85-MM101			Route:	S-49
Eng./Geo.:	M. Bailey	Boring Location:	83+70.99	Offset:	3' LT
Elev.:	444.5 ft	Latitude:	34.1927211	Longitude:	-81.3491926
Date Started:	9/6/2017				
Total Depth:	98.6 ft	Soil Depth:	98.6 ft	Core Depth:	82 ft
Date Completed:	9/9/2017				
Bore Hole Diameter (in):	2.25	Sampler Configuration		Liner Required:	Y (N)
Liner Used:	Y (N)				
Drill Machine:	DIEDRICH D5	Drill Method:	2.25 HSA	Hammer Type:	Automatic
Energy Ratio:	84%				
Core Size:	NQ	Driller:	Patriot	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</div> <div>MC</div> <div>LL</div> </div> <div>▲ FINES CONTENT (%)</div> </div>
399.5	42.0	Hard, moist, tannish brown, Sandy SILT (ML) (A-4)		43.5	SS-11	28	35	30	65	●
394.5	47.0	PARTIALLY WEATHERED ROCK Very hard, moist, tannish brown to grayish tan, sampled as Sandy SILT (A-4)		48.5	SS-12	32	50/5		50/5	>>●
389.5				53.5	SS-13	43	50/5		50/5	>>●
384.5				58.5	SS-14	50/1			50/1	>>●
379.5				63.5	SS-15	50/3			50/3	>>●
374.5	67.0	Hard, moist, grayish tan to brown, Sandy SILT (ML) (A-4) with trace gravel-sized rock fragments		68.5	SS-16	57	20	31	51	●
369.5	71.5	METATUNITE, tan to red-brown, close to very close fractured, moderate weathering, moderately hard		71.5	NQ-1					REC=31%, RQD=0%, UCS=5740.8psi
	72.2	METATUNITE, tan to red-brown, close to very close fractured, moderate weathering, moderately hard		72.2	NQ-2					REC=100%, RQD=65.5%, UCS=2766.0psi
	77.0	METATUFF, tan to brown, highly fractured, highly weathered, soft		77.0						

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	