

# SCDOT Soil Test Log

<b>Project ID:</b>	029208	<b>County:</b>	Lexington	<b>Boring No.:</b>	B-11
<b>Site Description:</b>	I-26 WIDENING PROJECT MM85-MM101			<b>Route:</b>	S-49
<b>Eng./Geo.:</b>	M. Bailey	<b>Boring Location:</b>	82+39.17	<b>Offset:</b>	13' RT
<b>Elev.:</b>	440.6 ft	<b>Latitude:</b>	34.1923745	<b>Longitude:</b>	-81.3490529
<b>Date Started:</b>	8/25/2017				
<b>Total Depth:</b>	83.5 ft	<b>Soil Depth:</b>	63.5 ft	<b>Core Depth:</b>	20 ft
<b>Date Completed:</b>	8/25/2017				
<b>Bore Hole Diameter (in):</b>	2.25	<b>Sampler Configuration</b>	<b>Liner Required:</b> Y (N)		<b>Liner Used:</b> Y (N)
<b>Drill Machine:</b>	CME-550X	<b>Drill Method:</b>	2.25 HSA	<b>Hammer Type:</b>	Automatic
<b>Energy Ratio:</b>	80%				
<b>Core Size:</b>	NQ	<b>Driller:</b>	Soil Consultants	<b>Groundwater:</b>	TOB GNE
<b>24HR:</b>	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 O</div> <div>LL X</div> </div> <div>▲ FINES CONTENT (%)</div> <div>0 10 20 30 40 50 60 70 80 90</div> </div>
395.6	42.0	<b>PARTIALLY WEATHERED ROCK</b> Very hard, moist, tannish brown, sampled as Sandy SILT (A-4)		43.5	SS-11	30	40	50/5	50/5	>>●
390.6	47.0	Hard, moist, tannish brown, Sandy SILT (ML) (A-4)		48.5	SS-12	20	32	48	80	●
385.6	52.0	<b>PARTIALLY WEATHERED ROCK</b> Very hard, moist, orangish tan, sampled as Sandy SILT (A-4)		53.5	SS-13	50/3			50/3	>>●
380.6	57.0	<b>PARTIALLY WEATHERED ROCK</b> Extremely dense, moist, orangish brown, sampled as Silty SAND (A-2-4)		58.5	SS-14	50/5			50/5	>>●
375.6	63.5	Auger refusal at 63.5 feet. Started rock coring.		63.5	SS-15	50/0			50/0	>>●
		METAMUDSTONE, black, closely fractured, very slight weathering, hard			NQ-1					REC=25%, RQD=0%
370.6	67.9	METAMUDSTONE, black, closely fractured, very slight weathering, hard		67.9	NQ-2					REC=84%, RQD=0%
365.6	71.9	METAMUDSTONE, black, closely fractured, very slight weathering, hard		71.9	NQ-3					REC=42%, RQD=0%
	76.9	METATUFF, black, closely fractured, very slight weathering, hard		76.9	NQ-4					REC=92%, RQD=20%

## LEGEND

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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	

SC\_DOT\_ECS\_DATA\_SCDOT-TRAPPHARRISFORMAT(10-9-17).GPJ SCDOT DATA TEMPLATE\_12\_30\_2014.GDT 12/7/17