

<b>Driller:</b> MDOT	<b>Elevation (ft.):</b> 52.8	<b>Auger ID/OD:</b> 4 inches SSA
<b>Operator:</b> C. Mann	<b>Datum:</b> MSL	<b>Sampler:</b> SPT
<b>Logged By:</b> G. Lidstone	<b>Rig Type:</b> Skidmore #30	<b>Hammer Wt./Fall:</b> 140#/30"
<b>Date Start/Finish:</b> 12-11-2000/12-13-2000	<b>Drilling Method:</b> Wash	<b>Core Barrel:</b> 1.5#
<b>Boring Location:</b> See sketch	<b>Casing ID/OD:</b> 3/3.5 inches	<b>Water Level*:</b> 9.6 feet

Definitions: D = Split Spoon Sample MD = Unsuccessful Split Spoon Sample attempt U = Thin Wall Tube Sample R = Rock Core Sample V = Insitu Vane Shear Test SSA = Solid Stem Auger	Definitions: S <sub>u</sub> = Insitu Field Vane Shear Strength (psf) T <sub>v</sub> = Pocket Torvane Shear Strength (psf) q <sub>p</sub> = Unconfined Compressive Strength (ksf) S <sub>u(lab)</sub> = Lab Vane Shear Strength (psf) WOH = weight of 140lb. hammer WOR = weight of rods	Definitions: WC = water content, percent LL = Liquid Limit PL = Plastic Limit PI = Plasticity Index G = Grain Size Analysis C = Consolidation Test
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Depth (ft.)	Sample Information							Elevation (ft.)	Graphic Log	Visual Description and Remarks	Laboratory Testing Results/AASHTO and Unified Class.
	Sample No.	Pen./Rec. (in.)	Sample Depth (ft.)	Blows (6 in.) Shear Strength (psf) or RQD (%)	N-value	Casing Blows					
0							52.6		Pavement Brown silty sandy gravel (fill)		
							49.3				Brown moist sandy SILT, trace of coarse sand, cobbles (fill)
15	1D	13/4	5.0 - 5.1	5/30/50	80	HSA			Med. stiff, brown gray mottled clayey SILT, trace of organic fibers		
							44.8				Gray fine sandy SILT, some organics
30	2D	24/18	10.0 - 10.2	2/3/3/6	6	5			Dense, brown silty fine to coarse SAND, trace small gravel (till)		
							40.8				
45									100mm weathered bedrock Bedrock Hard, slightly weathered to fresh PHYLLITE, some quartzite veining. Foliation @ 45 deg, undulating, slick. Schist zone w/ weathering in to 14"		
							35.2				
60	3D	24/9	15.0 - 15.2	23/13/17/20 2800	30	69			Core Times 17.7-18.7 10 min 18.7-19.7 14 min 19.7-20.7 16 min 20.7-21.7 20 min		
							30.8				
75	1R	48/44	17.7 - 18.2	NQ CORE RQD = 52%		115					
90											

**Remarks:**

- Reference elevation determined from Bridge Deck 40.1
- Static water levels were not achieved during the investigation. The water level indicated is based on an interpretation from soil moisture in samples recovered and open borehole measurements after completion.