

Project ID: P043969				County: Oconee		Boring No.: B-4	
Site Description: US 76 over Chauga River			Route: US 76				
Eng./Geo.: C Piercy		Boring Location:		Offset:		Alignment: Existing CL	
Elev.: ft		Latitude:		Longitude:		Date Started: 10/19/2024	
Total Depth: 64.6 ft		Soil Depth: 0 ft		Core Depth: 20 ft		Date Completed: 10/19/2024	
Bore Hole Diameter (in): 6		Sampler Configuration		Liner Required: Y (N)		Liner Used: Y (N)	
Drill Machine: Diedrich D-50		Drill Method: RW		Hammer Type: Automatic		Energy Ratio: 95.5%	
Core Size: NQ		Driller: C. Odom		Groundwater: TOB NR		24HR: 51.9 ft	

[illegible]

## 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	

# SCDOT Soil Test Log

<b>Project ID:</b>	P043969	<b>County:</b>	Oconee	<b>Boring No.:</b>	B-4
<b>Site Description:</b>	US 76 over Chauga River			<b>Route:</b>	US 76
<b>Eng./Geo.:</b>	C Piercy	<b>Boring Location:</b>		<b>Offset:</b>	
<b>Elev.:</b>	ft	<b>Latitude:</b>		<b>Date Started:</b>	10/19/2024
<b>Total Depth:</b>	64.6 ft	<b>Soil Depth:</b>	0 ft	<b>Date Completed:</b>	10/19/2024
<b>Bore Hole Diameter (in):</b>	6	<b>Sampler Configuration</b>		<b>Liner Required:</b>	Y (N)
<b>Drill Machine:</b>	Diedrich D-50	<b>Drill Method:</b>	RW	<b>Hammer Type:</b>	Automatic
<b>Core Size:</b>	NQ	<b>Driller:</b>	C. Odom	<b>Energy Ratio:</b>	95.5%
		<b>Groundwater:</b>	TOB	NR	24HR
					51.9 ft

Elevation (ft)	Depth (ft)	MATERIAL DESCRIPTION	Graphic Log	Sample Depth (ft)	Sample No./Type	1st 6"	2nd 6"	3rd 6"	4th 6"	N Value	<div> ● SPT N VALUE ●  PL — MC — LL  X — X — X  ▲ FINES CONTENT (%)  ⊕ RQD (%) ■ REC (%) </div>
	44.6	<b>GNEISS</b> @NQ-1: Regular #8 Bit, %REC=99, %RQD=59, 4.8 min/ft  @NQ-2: Regular #8 Bit, %REC=91, %RQD=67, 4.8 min/ft  @NQ-3: Regular #8 Bit, %REC=95, %RQD=67, 3.0 min/ft  @NQ-4: Regular #8 Bit, %REC=100, %RQD=66, 5.2 min/ft		44.5 44.6	NQ-1	50/0"	50/0"				>>●
				49.6	NQ-2						
				54.6	NQ-3						
				59.6							

## LEGEND

Continued Next Page

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<b>Eng./Geo.:</b> C Piercy		<b>Boring Location:</b>		<b>Offset:</b>		<b>Alignment:</b> Existing CL	
<b>Elev.:</b> ft		<b>Latitude:</b>		<b>Longitude:</b>		<b>Date Started:</b> 10/19/2024	
<b>Total Depth:</b> 64.6 ft		<b>Soil Depth:</b> 0 ft		<b>Core Depth:</b> 20 ft		<b>Date Completed:</b> 10/19/2024	
<b>Bore Hole Diameter (in):</b> 6		<b>Sampler Configuration</b>		<b>Liner Required:</b> Y (N)		<b>Liner Used:</b> Y (N)	
<b>Drill Machine:</b> Diedrich D-50		<b>Drill Method:</b> RW		<b>Hammer Type:</b> Automatic		<b>Energy Ratio:</b> 95.5%	
<b>Core Size:</b> NQ		<b>Driller:</b> C. Odom		<b>Groundwater:</b> TOB NR		<b>24HR</b> 51.9 ft	

Elevation (ft)	Depth (ft)	MATERIAL DESCRIPTION	Graphic Log	Sample Depth (ft)	Sample No./Type	1st 6"	2nd 6"	3rd 6"	4th 6"	N Value	<div> <div> ● SPT N VALUE ● </div> <div> PL X      MC ○      LL X </div> <div> ▲ FINES CONTENT (%) </div> <div> ⊕ RQD (%)      ■ REC (%) </div> </div>
	64.6	Boring Terminated at 64.6 ft. Below Existing Bridge Surface.			NQ-4						<div> 0 10 20 30 40 50 60 70 80 90 </div>

## LEGEND

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