

PROJECT NO. 8.2561301		ID. B-3875		COUNTY Moore		GEOLOGIST M. Lear								
SITE DESCRIPTION Bridge 78 over Old Ford Creek on SR 1456 (Mactec Project No. 30725-2-5443)							GROUND WATER (ft)							
BORING NO. EB2-A		BORING LOCATION 18+50		OFFSET 19ft LT		ALIGNMENT -L-								
COLLAR ELEV. 372.2 ft		NORTHING 632,900		EASTING 1,821,892		0 HR. C.I. @ 3.5								
TOTAL DEPTH 10.4 ft		DRILL MACHINE CME-550, ATV		DRILL METHOD HSA-2.25" I.D.		HAMMER TYPE 140 lb Manual								
DATE STARTED 1/2/03		COMPLETED 1/2/03		SURFACE WATER DEPTH N/A										
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80					100
372.2														Ground Surface
372.2	0.0	4	7	6							SS-6	14.8%		Residual: Brown, clayey, fine sandy, SILT (A-4) with roots
368.3	3.9													Weathered Rock: Greenish-gray, META-VOLCANIC
363.3	8.9	20	51	49/0.4ft										Crystalline Rock: META-VOLCANIC
361.9	10.3	100/0.2ft												Boring terminated with Standard Penetration Test refusal at 10.4 ft (ELEV: 361.8 ft) in Crystalline Rock: META-VOLCANIC
		100/0.1ft												*24 Hour water level likely influenced by run-off from heavy rainfall
														Bits Used: Hollow Stem Auger 2.25" I.D.

NCDOT BORE SINGLE OFC.GPJ NC\_DOT.GDT 4/1/03

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SITE DESCRIPTION Bridge 78 over Old Ford Creek on SR 1456 (Mactec Project No. 30725-2-5443)							GROUND WATER (ft)							
BORING NO. EB2-B		BORING LOCATION 18+50		OFFSET 13ft RT		ALIGNMENT -L-								
COLLAR ELEV. 373.1 ft		NORTHING 632,885		EASTING 1,821,920		0 HR. C.I. @ 3.2								
TOTAL DEPTH 10.6 ft		DRILL MACHINE CME-550, ATV		DRILL METHOD HSA-2.25" I.D.		HAMMER TYPE 140 lb Manual								
DATE STARTED 1/2/03		COMPLETED 1/2/03		SURFACE WATER DEPTH N/A										
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80					100
373.1														Ground Surface
373.1	0.0	6	9	8							SS-7	25.5%		Residual: Brown, tan, and orange, fine sandy CLAY (A-7-6) with roots, relict rock fabric, and rock fragments (META-VOLCANIC)
369.9	3.2													Weathered Rock: Tan and gray, META-VOLCANIC
364.6	8.5	11	40	33										Crystalline Rock: META-VOLCANIC
362.6	10.5	33	67/0.4ft											Boring terminated with Standard Penetration Test refusal at 10.6 ft (ELEV: 362.5 ft) in Crystalline Rock: META-VOLCANIC
		100/0.1ft												Bits Used: Hollow Stem Auger 2.25" I.D.

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