

PROJECT NO. 33602.1.1		ID. B-4260		FED. NO. BRZ-1352(5)		CO. Rutherford		FIELD SUPERV. D. Hardister					
SITE DESCRIPTION Bridge No. 350 over West Branch Mountain Creek on SR 1352								GROUND WATER (ft)					
BORING NO. B2-B		BORING LOCATION 16+42		OFFSET 10' RT		ALIGNMENT -L-		0 HR. N/M					
COLLAR ELEV. 864.9 ft		TOTAL DEPTH 41.7 ft		NORTHING 625418.48		EASTING 1096268.39		24 HR. 5.3					
DRILL MACHINE CME 550x		DRILL METHOD HSA/HQ		HAMMER TYPE Automatic		FINAL CASING DEPTH 36.2 ft							
DATE STARTED 9/20/04		COMPLETED 9/21/04		DRILLING FLUID DENSITY Creek Water		SURFACE WATER DEPTH N/A							
ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
864.9	0.00												Ground Surface Elev. 864.9 ft
	3.0	WOH	WOH	1								W	Alluvial-Very Loose Orange-Brown Silty Coarse to Fine SAND (A-2-4)
	8.0	WOH	WOH	6								SAT	Alluvial-Loose Grey Silty Coarse to Fine SAND with Quartz Gravel (A-1-b)
	13.0	2	5	6								SAT	Residual-Medium Dense and Loose Brown, Orange-Brown, and Brown-White Micaceous Silty Coarse to Fine SAND (A-2-4)
	18.0	4	4	5								SAT	
	23.0	6	12	13								W	
	28.0	7	7	10								W	
	33.0	100/0.4										W	
	36.2	60/0										M	Weathered Rock-Brown-White Weathered Migmatitic Granitic Gneiss
													829.0 35.9 828.7 36.2 828.2 36.7

NCDOT_BORE11X17 GR040315.GPJ NCDOT2.GDT 10/1/04

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ELEV. (ft)	DEPTH (ft)	BLOW COUNT			BLOWS PER FOOT					SAMP. NO.	LOG	SOIL AND ROCK DESCRIPTION	
		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
													827.4 Crystalline Rock-Grey-Black Slightly Weathered Very Hard Migmatitic Granitic Gneiss with Close Fracture Spacing 37.5
													826.4 Crystalline Rock-Brown-White Moderately Severely Weathered Moderately Hard Migmatitic Granitic Gneiss with Close Fracture Spacing 38.5
	825												Weathered Rock-Brown-White Severely Weathered Soft Migmatitic Granitic Gneiss with Very Close Fracture Spacing 41.7
													823.2 Crystalline Rock-Grey-Black-White Slightly Weathered Very Hard Migmatitic Granitic Gneiss with Close and Moderately Close Fracture Spacing Coring Terminated at Elev. 823.2ft in Crystalline Rock (Migmatitic Granitic Gneiss)

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