

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. EB2-A		BORING LOCATION 16+82		OFFSET 14' LT		ALIGNMENT -L-		0 HR. 11.6					
COLLAR ELEV. 871.6 ft		TOTAL DEPTH 47.2 ft		NORTHING 625464.88		EASTING 1096257.97		24 HR. 11.5					
DRILL MACHINE CME 550x		DRILL METHOD HSA		HAMMER TYPE Automatic		FINAL CASING DEPTH N/A							
DATE STARTED 9/14/04		COMPLETED 9/14/04		DRILLING FLUID DENSITY N/A		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
871.6	0.00												Ground Surface Elev. 871.6 ft
870	3.0	3	3	3								M	Roadway Embankment Fill-Loose Orange-Brown Micaceous Silty Coarse to Fine SAND (A-2-4)
865	8.0	3	3	3								SAT	Alluvial-Loose Orange-Brown Silty Coarse to Fine SAND (A-2-4)
860	13.0	1	2	2								SAT	Alluvial-Loose Grey-Brown Silty Coarse to Fine SAND with Quartz Gravel (A-1-b)
855	18.0	3	2	3								SAT	Residual-Loose and Very Loose Tan-Grey, Orange-Brown, and Brown Micaceous Silty Coarse to Fine SAND (A-2-4)
850	23.0	WOH	WOH	2								SAT	
845	28.0	WOH	3	2								SAT	
840	33.0	2	4	7								SAT	Residual-Medium Dense Tan-Grey-White and Brown-White Micaceous Silty Coarse to Fine SAND (A-2-4)

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

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		0.5ft	0.5ft	0.5ft	0	20	40	60	80				100
	38.0	5	10	12								SAT	
	43.0	30	33	50								W	Residual-Very Dense Brown-White Micaceous Silty Coarse to Fine SAND (A-2-4)
	47.2	60/0										M	Weathered Rock-Grey-White Weathered Migmatitic Granitic Gneiss
													Crystalline Rock-Grey-White Migmatitic Granitic Gneiss Boring Terminated with Standard Penetration Test Refusal at Elev. 824.4ft in Crystalline Rock (Migmatitic Granitic Gneiss)

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