

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-B		BORING LOCATION 16+66		OFFSET 12' RT		ALIGNMENT -L-		0 HR.	12.0					
COLLAR ELEV. 871.5 ft		TOTAL DEPTH 47.7 ft		NORTHING 625441.17		EASTING 1096277.36		24 HR.	11.8					
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	
871.5	0.00	Ground Surface Elev. 871.5 ft										871.5	0.00	
870	3.0	WOH	1	1								W	Roadway Embankment Fill-Very Loose Orange-Brown Micaceous Silty Coarse to Fine SAND (A-2-4)	
865	8.0	1	1	2							SS-5	SAT	Alluvial-Very Loose Orange-Brown Silty Coarse to Fine SAND (A-2-4)	
860	13.0	WOH	WOH	2								SAT	Alluvial-Very Loose Grey Silty Coarse to Fine SAND with Quartz Gravel (A-1-b)	
855	18.0	2	2	3								W	Residual-Loose Orange-Brown, Grey-Orange, and Brown-White Micaceous Silty Coarse to Fine SAND (A-2-4)	
850	23.0	5	4	5								W		
845	28.0	1	2	3								W		
840	33.0	2	3	6								W		
835														

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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
	38.0	1	4	6								W	
830	43.0	14	22	31								W	Residual-Very Dense Brown-White Micaceous Silty Coarse to Fine SAND (A-2-4)
	47.7	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. 823.8ft in Crystalline Rock (Migmatitic Granitic Gneiss)

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