

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. B1-B		BORING LOCATION 15+91		OFFSET 12' RT		ALIGNMENT -L-		0 HR. N/M				
COLLAR ELEV. 866.4 ft		TOTAL DEPTH 41.2 ft		NORTHING 625369.69		EASTING 1096253.76		24 HR. 6.3				
DRILL MACHINE CME 550x		DRILL METHOD HSA/HQ		HAMMER TYPE Automatic		FINAL CASING DEPTH 33.9 ft						
DATE STARTED 9/20/04		COMPLETED 9/20/04		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			
866.4	0.00	Ground Surface Elev. 866.4 ft										
865	3.0	2	WOH	1							W	Alluvial-Very Loose Brown Silty Coarse to Fine SAND (A-2-4)
860	8.0	4	4	5						5.0 ST-1	W	
855	13.0	4	2	2						7.0 SS-3	SAT	Alluvial-Loose Tan Silty Coarse to Fine SAND with Quartz Gravel (A-1-b)
850	18.0	59	21	12							SAT	Residual-Loose Brown-White Micaceous Silty Coarse to Fine SAND (A-2-4)
845	23.0	15	20	19							SAT	Residual-Very Dense Grey-Brown Micaceous Silty Coarse to Fine SAND with Rock Fragments (A-2-4)
840	28.0	10	13	18							SAT	Residual-Dense Brown-White Micaceous Silty Coarse to Fine SAND (A-2-4)
835	33.0	100/0.4									W	Weathered Rock-Grey-White Weathered Migmatitic Granitic Gneiss
830	33.9	60/0									W	Crystalline Rock-Grey-Black-White Migmatitic Granitic Gneiss
											W	Crystalline Rock-Grey-Black-White Slightly Weathered Very Hard Migmatitic Granitic Gneiss with Moderately Close to Wide Fracture Spacing

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

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. B1-B		BORING LOCATION 15+91		OFFSET 12' RT		ALIGNMENT -L-		0 HR. N/M				
COLLAR ELEV. 866.4 ft		TOTAL DEPTH 41.2 ft		NORTHING 625369.69		EASTING 1096253.76		24 HR. 6.3				
DRILL MACHINE CME 550x		DRILL METHOD HSA/HQ		HAMMER TYPE Automatic		FINAL CASING DEPTH 33.9 ft						
DATE STARTED 9/20/04		COMPLETED 9/20/04		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			
825	41.2	Coring Terminated at Elev. 825.2ft in Crystalline Rock (Migmatitic Granitic Gneiss)										

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