

PROJECT NO.	8.2511001	ID.	B-3696	FED. NO.	BRZ-2579(1)	CO.	Rockingham	FIELD SUPERV.	D. Hardister					
SITE DESCRIPTION								GROUND WATER (ft)						
Bridge 84 over Jones Creek on SR 2579 (Brooks Road)								0 HR.	12.0					
BORING NO.	EB1-A	BORING LOCATION	17+46.8	OFFSET	11.8' LT	ALIGNMENT	-L-							
COLLAR ELEV.	596.2 ft	TOTAL DEPTH	23.5 ft	NORTHING	948118.47	EASTING	1820506.40	24 HR.	11.0					
DRILL MACHINE	CME 550x	DRILL METHOD	HSA	HAMMER TYPE	Automatic	FINAL CASING DEPTH	N/A							
DATE STARTED	8/19/03	COMPLETED	8/19/03	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	
596.2	0.00	Ground Surface Elev. 596.2 ft												
595	3.5	WOH	2	1						SS-1	30.8	596.2	0.00	Roadway Embankment Fill-Soft Orange-Brown Micaceous Fine Sandy Silty CLAY (A-6)
590	8.5	WOH	WOH	WOH						SAT		590.2	6.0	Alluvial-Very Soft Grey Micaceous Fine Sandy SILT (A-4)
585	13.5	WOH	WOH	WOH						ST-1	11.5	584.2	12.0	Alluvial-Very Soft Grey Fine Sandy SILT (A-4)
580	18.5	8	11	48						SS-2	M	578.2	18.0	Residual-Very Dense Grey-White Micaceous Silty Coarse to Fine SAND (A-1-b)
575	23.5	60/0								D		575.7	20.5	Weathered Rock-Grey-White Weathered Biotite Gneiss
		60/0								D		575.2	21.0	Crystalline Rock-Grey-White Biotite Gneiss
		60/0								D		572.7	23.5	Boring Terminated with Standard Penetration Test Refusal at Elev. 572.7ft in Crystalline Rock (Biotite Gneiss)

NCDOT_BORE11X17M GR030402.GPJ NCDOT2.GDT 8/29/03

PROJECT NO.	8.2511001	ID.	B-3696	FED. NO.	BRZ-2579(1)	CO.	Rockingham	FIELD SUPERV.	D. Hardister					
SITE DESCRIPTION								GROUND WATER (ft)						
Bridge 84 over Jones Creek on SR 2579 (Brooks Road)								0 HR.	13.0					
BORING NO.	EB1-B	BORING LOCATION	17+37.4	OFFSET	13.7' RT	ALIGNMENT	-L-							
COLLAR ELEV.	596.5 ft	TOTAL DEPTH	21.5 ft	NORTHING	948097.42	EASTING	1820489.28	24 HR.	10.0					
DRILL MACHINE	CME 550x	DRILL METHOD	HSA	HAMMER TYPE	Automatic	FINAL CASING DEPTH	N/A							
DATE STARTED	8/19/03	COMPLETED	8/19/03	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	
596.5	0.00	Ground Surface Elev. 596.5 ft												
595	3.5	1	1	2						W		596.5	0.00	Roadway Embankment Fill-Soft Orange-Brown Micaceous Fine Sandy Silty CLAY (A-6)
590	8.5	1	2	3						ST-2	6.0	590.5	6.0	Alluvial-Medium Stiff Brown Micaceous Fine Sandy SILT (A-4)
585	13.5	WOH	WOH	WOH						SS-3	8.0	584.5	12.0	Alluvial-Very Soft Grey Fine Sandy SILT (A-4)
580	18.5	12	22	59						SAT	50.7	578.5	18.0	Residual-Very Dense Grey-White Micaceous Silty Coarse to Fine SAND (A-1-b)
575	21.5	60/0								D		576.0	20.5	Weathered Rock-Grey-White Weathered Biotite Gneiss
		60/0								D		575.0	21.5	Boring Terminated with Standard Penetration Test Refusal at Elev. 575.0ft on Crystalline Rock (Biotite Gneiss)

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