

PROJECT NO.	8.2572301	ID.	B-3504	FED. NO.	BRZ-1331(4)	CO.	Randolph	FIELD SUPERV.	D. Hardister
SITE DESCRIPTION								GROUND WATER (ft)	
Bridge 363 over Caraway Creek on SR 1331								0 HR.	N/M
BORING NO.	B2-B	BORING LOCATION	18+95.7	OFFSET	8.4' RT	ALIGNMENT	-L-	24 HR.	5.9
COLLAR ELEV.	436.4 ft	TOTAL DEPTH	32.0 ft	NORTHING	716775.81	EASTING	1724423.97		
DRILL MACHINE	CME 550x	DRILL METHOD	HSA/HQ	HAMMER TYPE	Automatic	FINAL CASING DEPTH	8.7 ft		
DATE STARTED	12/19/03	COMPLETED	12/19/03	DRILLING FLUID DENSITY	Creek Water	SURFACE WATER DEPTH	N/A		
CORE SIZE	HQ	TOTAL RUN	24.8 ft	DRILLER	J.White				
ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min./ft)	REC. (%)	RQD (%)	SAMP. NO.	STRATA REC. (%)	STRATA RQD (%)	DESCRIPTION AND REMARKS
430.8									Begin Coring @ 430.80 ft
430.8	5.6	1.5	4:17	N/A	N/A				Alluvial-COBBLES with Medium Stiff Grey-Brown Fine Sandy SILT (A-4)
429.3	7.1	2.10/0.5				N=16			429.30 7.1
									(Advance casing 7.1-8.7ft)
									428.30 8.1
427.7	8.7	3.3	8:19	(3.2) 97%	(2.2) 87%		2.8 97%	2.2 76%	Crystalline Rock-Blue-Grey Slightly and Moderately Weathered Very Hard and Hard Meta-Argillite with Close and Moderately Close Fracture Spacing
			7:48						7 Jts @ 60-70° 3 Jts @ 20-30° 1 Jt @ 10-20° Other Jts Not Discernible
			3:31						424.80 11.6
424.4	12.0	1.25/0.3					20.3 100%	15.5 76%	Crystalline Rock-Blue-Grey Very Slightly and Slightly Weathered Very Hard Meta-Argillite with Close and Moderately Close Fracture Spacing
424.4	12.0	5.0	3:46	(5.0) 100%	(4.3) 86%				19 Jts @ 30-40° 16 Jts @ 10-20° 15 Jts @ 20-30° 4 Jts @ 40-50° 4 Jts @ 0-10° 3 Jts @ 60-70° 3 Jts @ 80-90°
			4:48						
			5:24						
			5:04						
			5:31						
419.4	17.0					RS-2			
419.4	17.0	5.0	4:48	(5.0) 100%	(3.5) 70%				
			4:36						
			4:56						
			4:43						
			4:29						
414.4	22.0								
414.4	22.0	5.0	3:29	(5.0) 100%	(4.1) 82%				
			3:15						
			4:05						
			4:12						
			4:07						
409.4	27.0					RS-3			
409.4	27.0	5.0	3:39	(4.9) 98%	(3.6) 72%				

NCDOT_CORE#3-11X17 GR030560.GPJ NCDOT2.GDT 1/15/04

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									Continued from previous page
			4:15						
			3:38						
			4:07						
			3:58						
404.4	32.0								404.40 32.0
									Coring Terminated at Elev. 404.4ft in Crystalline Rock (Meta-Argillite)

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