

PROJECT NO.		ID.		FED. NO.		CO.		FIELD SUPERV.	
SITE DESCRIPTION									
BORING NO.		BORING LOCATION		OFFSET		ALIGNMENT		GROUND WATER (ft)	
COLLAR ELEV.		TOTAL DEPTH		NORTHING		EASTING		24 HR.	
DRILL MACHINE		DRILL METHOD		HAMMER TYPE		FINAL CASING DEPTH		58.3 ft	
DATE STARTED		COMPLETED		DRILLING FLUID DENSITY		SURFACE WATER DEPTH		1 ft	
CORE SIZE		HQ		TOTAL RUN		DRILLER		D. Harris	
ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min./ft)	RUN		SAMP. NO.	STRATA		DESCRIPTION AND REMARKS
				REC. (%)	RQD (%)		REC. (%)	RQD (%)	
751.1									Begin Coring @ 751.08 ft
751.1	58.6	3.2	0.42/0.2	(3.0) 94%	(1.1) 34%		3.0 94%	1.1 34%	Crystalline Rock-Tan-Brown Moderately to Moderate Severely Weathered Moderately Hard Metamorphosed Granite with Close and Very Close Fracture Spacing 6 jts @ 0-10° 3 jts @ 70-90°
747.9	61.8	5.0	1.59						-747.9
747.9	61.8	5.0	1.56						61.8
747.9	61.8	5.0	1.41						
747.9	61.8	5.0	1.01	(1.7) 34%	(1.0) 20%		0.0 0%	0.0 0%	Weathered Rock-Tan-Brown Severely Weathered Metamorphosed Granite N/A
747.9	61.8	5.0	1.26						
747.9	61.8	5.0	2.46						
747.9	61.8	5.0	2.21				6.6 94%	3.6 51%	Crystalline Rock-Tan-Brown Moderately Weathered Moderately Hard Metamorphosed Granite with Close and Very Close Fracture Spacing 6 jts @ 0-10° 4 jts @ 10-20° 1 jt @ 20-30° 1 jt @ 40-50° 3 jts @ 50-60°
742.9	66.8	5.0	2.23						-744.9
742.9	66.8	5.0	3.47	(5.0) 100%	(3.2) 64%				64.8
742.9	66.8	5.0	2.25						
742.9	66.8	5.0	2.18						
742.9	66.8	5.0	1.44						
742.9	66.8	5.0	1.51						
737.9	71.8	5.0	1.51						-737.9
737.9	71.8	5.0	4.40	(4.8) 96%	(3.0) 60%		9.6 96%	6.3 63%	Crystalline Rock-Tan-Brown-Grey Moderately to Slightly Weathered Moderately Hard Metamorphosed Granite and Biotite Gneiss with Close Fracture Spacing 8 jts @ 0-10° 5 jts @ 10-20° 3 jts @ 20-30° 5 jts @ 30-40° 2 jts @ 50-60° 1 jt @ 60-70°
737.9	71.8	5.0	2.04						
737.9	71.8	5.0	1.40						
737.9	71.8	5.0	1.29						
737.9	71.8	5.0	1.12						
732.9	76.8	5.0	1.45	(4.9) 98%	(3.3) 66%				71.8
732.9	76.8	5.0	2.07						
732.9	76.8	5.0	1.55						
732.9	76.8	5.0	2.20						

NCDOT_CORE#3-11X17 GR050162.GPJ NCDOT2.GDT 7/15/05

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COLLAR ELEV.		TOTAL DEPTH		NORTHING		EASTING		24 HR.	
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DATE STARTED		COMPLETED		DRILLING FLUID DENSITY		SURFACE WATER DEPTH		1 ft	
CORE SIZE		HQ		TOTAL RUN		DRILLER		D. Harris	
ELEV. (ft)	DEPTH (ft)	RUN (ft)	DRILL RATE (Min./ft)	RUN		SAMP. NO.	STRATA		DESCRIPTION AND REMARKS
				REC. (%)	RQD (%)		REC. (%)	RQD (%)	
									Continued from previous page
727.9	81.8		2:11						-727.9
									81.8
									Coring Terminated at Elevation 727.9 ft. in Crystalline Rock (Biotite Gneiss and Metamorphosed Granite)

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