

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Jacksonville District		Hole No. CB-1R-70 SHEET 1 OF 1 SHEETS	
1. PROJECT Indian River Co BEC				10. SIZE AND TYPE OF BIT MLW			
2. LOCATION (Coordinates or Station) X=708.539 Y=1,222.336				11. DATUM FOR ELEVATION SHOWN (TBM or MLL)			
3. DRILLING AGENCY Corps of Engineers				12. MANUFACTURER'S DESIGNATION OF DRILL Alpine Vibracore			
4. HOLE NO. (As shown on drawing title and file number) CB-1R-70				13. TOTAL NO. OF OVER- BURDEN SAMPLES TAKEN		DISTURBED UNDISTURBED	
5. NAME OF DRILLER G. Reynolds				14. TOTAL NUMBER CORE BOXES 2			
6. DIRECTION OF HOLE <input type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED _____ DEG. FROM VERT.				15. ELEVATION GROUND WATER Tidal			
7. THICKNESS OF OVERBURDEN				16. DATE HOLE STARTED 10/21/85 COMPLETED 10/21/85			
8. DEPTH DRILLED INTO ROCK				17. ELEVATION TOP OF HOLE -33.3 MLW			
9. TOTAL DEPTH OF HOLE 20.0'				18. TOTAL CORE RECOVERY FOR BORING 16.3'			
				19. SIGNATURE OF INSPECTOR GEOLOGIST Ross			
ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOVER- ERY e	SUMMER SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g	
-33.3	0.0					Bit or Barrel	
-33.8	0.5		SHELL SAND, fine sand to 1/2 in shell, gray (SW)			-33.3 CUT	
-35.6	2.3		SAND, fine quartz and carbonate, little silt, 3 minor shelly layers, dark gray (SM)			3 1/2 Inch I.D. Vibracore	
-36.1	2.8		SHELL SAND, mixture of fine quartz and fine to 1/2 in. shell fragments, little shell to 2 in., gray (SW)				
-38.6	5.3		2.3 to 2.8 ft., gravelly with shell and rock fragments to 3 in.			-38.2 CUT	
-41.2	7.9		5.3 to 7.9 ft., gravelly with 1/2 in., to 2 in. shell fragments and whole shell	100			
-43.1	9.8		9.8 to 12.0 ft (SP-SC)		1	-43.1 CUT	
-45.3	12.0		12.0 to 13.0 ft (SW-SC)		(9.0')		
-46.3	13.6		CLAY, firm, gray (CH)				
-47.0	13.7		SHELL SAND, mixture of fine quartz and fine to 1/2 in. shell, little shell to 2 in., clay balls to 1 in., 16.0 to 16.3 ft. is gravelly with shell fragments to 3 inches (SP)	100		-48.0 CUT	
-49.6	16.3					-49.6	
-53.3	20.0			0		NO RECOVERY	
			NOTE: MSL E1 +1.5' (estimated) = MLW E1			-53.3	
						Laboratory Classification Sample 1 "SW-SC"	

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W.O. No. 4606

Req. No. RM-CW-85-0111

