

DRILLING LOG		DIVISION: South Atlantic		INSTALLATION: Jacksonville District		SHEET 1 of 1	
1. PROJECT		CENTRAL BOCA SAND STUDY		10. SIZE AND TYPE OF BIT 3 5/8"			
(Coordinates or Station)				11. DATUM FOR ELEVATION SHOWN (TBM or MSL)			
2. LOCATION		X=961498.27 Y=728432.17		MLW			
3. DRILLING AGENCY: Alpine Ocean Seismic Survey Inc.				12. MANUFACTURER'S DESIGNATION OF DRILL		ALPINE PNEUMATIC VIBRACORE	
4. HOLE NO. (As shown on drawing title and file number)		CIVC-00-24		13. TOT NO. OF OVERBURDEN SAMPLES TAKEN		Disturbed: 0 Undisturbed: 0	
5. NAME OF DRILLER		JAMES COLE		14. TOTAL NO. OF CORE BOXES			
6. DIRECTION OF HOLE		VERTICAL		15. ELEVATION GROUND WATER			
7. THICKNESS OF BURDEN 0.0 FT				16. DATE HOLE Started Completed		3/23/01 11:00	
8. DEPTH DRILLED INTO ROCK N/A				17. ELEVATION TOP OF HOLE -17.9 ft			
9. TOTAL DEPTH OF HOLE 20.0 FT				18. TOTAL CORE RECOVERY FOR BORING 100%			
				19. SIGNATURE OF GEOLOGIST TT/MW			

  

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-17.9	0					
	1					
	2					
	3				1	Sample #1, Depth = 2.5' Mean (mm): 0.29, Phi Sorting: 0.75 Silt: 1.33% (SP)
	4		SAND, fine to medium grained, trace shell hash, gray (5Y-6/1), (SP).			
	5					
	6					
	7				2	Sample #2, Depth = 7.0' Mean (mm): 0.27, Phi Sorting: 0.75 Silt: 1.67% (SP)
	8					
-26.8	9					
	10					
	11		medium to fine grained, little shell hash, gray (5Y-5/1), (SP) from 8.9' to 15.2'. Coral fragments present in half of core, ranging in size from 0.5" to 2.5" from 9.2' to 9.4'. 1" coral fragment @ 10.3'.		3	Sample #3, Depth = 12.0' Mean (mm): 0.41, Phi Sorting: 0.76 Silt: 1.39% (SP)
	12					
	13					
	14					
-33.1	15					
	16		medium to fine grained, some shell hash, trace shell fragments, dark gray (5Y-4/1), (SP) from 15.2' to 18.1'. Trace of organic material from 16.9' to 17.3'. 1.5" shell @ 15.4', 1" shell @ 16.1', 2" coral @ 17.3'.		4	Sample #4, Depth = 16.0' Mean (mm): 0.53, Phi Sorting: 0.80 Silt: 1.31% (SP)
-36	17					
	18					
-37.3	19		medium to fine grained, little shell hash, dark gray (5Y-4/1), (SP) from 18.1' to 19.4'.		3	
	20		medium to fine grained, some shell hash, dark gray (5Y-4/1), (SP) from 19.4' to 20.4'. 2.5" rock @ 19.9', 2.5" rock @ 20.2'. Expansion from 20.0' to 20.4'.		4	
-38.3	21					
	22		End of Boring			Note: 1) This column contains laboratory data. 2) Samples are taken from a 3" section of the core, centered on the sample depth.
	23		Note: 1) Soils are field visually classified in accordance with the Unified Soil Classification System.			
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PROJECT: Central Boca Sand Study	HOLE NUMBER:
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