

DRILLING LOG		DIVISION: South Atlantic	INSTALLATION: Jacksonville District	SHEET 1 of 1
1. PROJECT		CENTRAL BOCA SAND STUDY		
2. LOCATION		(Coordinates or Station) X=963106.90 Y=732423.24		
3. DRILLING AGENCY: Alpine Ocean Seismic Survey Inc.		10. SIZE AND TYPE OF BIT 3 5/8"		
4. HOLE NO. (As shown on drawing title and file number)		11. DATUM FOR ELEVATION SHOWN (TBM or MSL) MLW		
5. NAME OF DRILLER JAMES COLE		12. MANUFACTURER'S DESIGNATION OF DRILL ALPINE PNEUMATIC VIBRACORE		
6. DIRECTION OF HOLE VERTICAL		13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0 Undisturbed: 0		
7. THICKNESS OF BURDEN 0.0 FT		14. TOTAL NO. OF CORE BOXES		
8. DEPTH DRILLED INTO ROCK N/A		15. ELEVATION GROUND WATER		
9. TOTAL DEPTH OF HOLE 14.9 FT		16. DATE HOLE Started Completed 3/21/01 12:18		
		17. ELEVATION TOP OF HOLE -41.5 ft		
		18. TOTAL CORE RECOVERY FOR BORING 100%		
		19. SIGNATURE OF GEOLOGIST MW/ID		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-41.5	0		SAND, fine to medium grained, trace shell hash, gray (5Y-6/1), (SP).		4	Sample #4, Depth = 0.7' Mean (mm): 0.26, Phi Sorting: 0.76 Silt: 1.21% (SP)
-42.6	1					
	2					
	3					
	4		SAND, fine to medium grained, trace shell hash, gray (5Y-5/1), (SP). 1" shell @ 4.5'.		1	Sample #1, Depth = 4.0' Mean (mm): 0.37, Phi Sorting: 1.18 Silt: 1.24% (SW)
	5					
	6					
-48.5	7					
	8		SAND, fine to medium grained, trace shell hash, gray (5Y-5/1), (SP).		5	Sample #5, Depth = 8.0' Mean (mm): 0.25, Phi Sorting: 0.71 Silt: 1.24% (SP)
-50.6	9					
	10					
	11					
	12		fine to medium grained, trace shell hash, gray (5Y-5/1) to (5Y-6/1) (SP). 0.5" shell @ 10.9', 2" coral @ 14.7'.		2	Sample #2, Depth = 12.0' Mean (mm): 0.31, Phi Sorting: 0.87 Silt: 1.63% (SP)
	13					
	14					
-56.2	15					
	16		SAND, medium to fine grained, little shell hash, gray (5Y-6/1), (SP) from 14.7' to 16.5'. 1" shell @ 15.3', one 1.5" and two 1" coral fragments @ 15.5', 1.5" coral @ 15.9'.		3	Sample #3, Depth = 15.0' Mean (mm): 0.32, Phi Sorting: 1.13 Silt: 2.29% (SW)
-58	17					
	18		SAND, medium to fine grained, some carbonate clasts ranging from coarse sand size to 3", gray (5Y-6/1), (GP) from 16.5' to 18.3'.			
-59.8	19		End of Boring			
	20		Expansion from 14.8' to 18.3'.			
	21		Note:			Note:
	22		1) Soils are field visually classified in accordance with the Unified Soil Classification System.			1) This column contains laboratory data.
	23					2) Samples are taken from a 3" section of the core, centered on the sample depth.
	24					

PROJECT: Central Boca Sand Study

HOLE NUMBER: