

DRILLING LOG		DIVISION: South Atlantic	INSTALLATION: Jacksonville District	SHEET 1 of 1
1. PROJECT		LIDO KEY FEASIBILITY STUDY		
(Coordinates or Station)				
2. LOCATION		X= 426481 Y= 1041997		
3. DRILLING AGENCY:		Alpine Ocean Seismic Survey Inc.		
4. HOLE NO.		(As shown on drawing title and file number)		
		LK-00-15		
5. NAME OF DRILLER		MAURIZIO ROSSI		
6. DIRECTION OF HOLE		VERTICAL		
7. THICKNESS OF BURDEN 0.0 FT				
8. DEPTH DRILLED INTO ROCK		N/A		
9. TOTAL DEPTH OF HOLE		15.9 ft		
10. SIZE AND TYPE OF BIT		3 5/8"		
11. DATUM FOR ELEVATION SHOWN		(TBM or MSL) NGVD		
12. MANUFACTURER'S DESIGNATION OF DRILL		ALPINE PNEUMATIC VIBRACORE		
13. TOT NO. OF OVERBURDEN SAMPLES TAKEN		Disturbed: 0.0 Undisturbed: 0.0		
14. TOTAL NO. OF CORE BOXES				
15. ELEVATION GROUND WATER		Tide = -0.15		
16. DATE HOLE		Started	Completed	
		8/22/00	1108	
17. ELEVATION TOP OF HOLE		-42.5 ft		
18. TOTAL CORE RECOVERY FOR BORING		100%		
19. SIGNATURE OF GEOLOGIST		SYED KHALIL , CP&E INC.		

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-42.5	0					
	1					
	2					
	3		SAND, fine to medium-grained, trace silt, some shell hash/shell fragments, Dark gray (5Y-4/1) (SP)		1	Sample #1, Depth = 3.0' Mean (mm): 0.46, Phi Sorting: 0.88 Silt: 2.7% (SP) Specific Gravity: 2.46
	4					
-47.8	5					
	6		fine grained, trace shellhash, trace coral fragments (<1") Light gray (5y-7/1) (SP)			
	7		fine to medium-grained, some shell hash/shell fragments, Dark gray (5Y-4/1) (SP)		2	Sample #2, Depth = 7.5' Mean (mm): 0.18, Phi Sorting: 1.83 Silt: 37.0% (SM)
	8		SILTY SAND, fine-grained, little shell hash/shell fragments, Light gray (5Y-7/1) (SM)			
-51.3	9				3	Sample #3, Depth = 9.0' Mean (mm): 0.17, Phi Sorting: 1.42 Silt: 38.0% (SM)
-51.9	10		fine-grained, trace shell hash/shell fragments, Gray (5Y-6/1) (SM)			
	11		SILT, fluidized, calcareous, Light gray (5Y-7/1) (ML)			
-53.3	12					
	13		CARBONATE CLASTS, hard, clasts size range from cobbles to calcareous fines, Light gray (5Y-7/1) (GP)			
	14					
	15					
-58.5	16		End of Boring			
	17					
	18					
	19					
	20					
	21		Note:			LAT - LONG
	22		1) Soils are classified in accordance with the Unified Soils Classification System.			27 11.9136 N
	23		2) Rock in Drill Bit.			82 42.3968 W
	24					