

DRILLING LOG		DIVISION: South Atlantic		INSTALLATION: Jacksonville District		SHEET 1 of 1	
1. PROJECT		LIDO KEY FEASIBILITY STUDY		10. SIZE AND TYPE OF BIT 3 5/8"			
2. LOCATION		(Coordinates or Station) X= 466790 Y= 1081934		11. DATUM FOR ELEVATION SHOWN ^(TBM or MSL) NGVD			
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) LK-00-01		13. TOT NO. OF OVERBURDEN SAMPLES TAKEN Disturbed: 0.0 Undisturbed: 0.0			
5. NAME OF DRILLER		MAURIZIO ROSSI		14. TOTAL NO. OF CORE BOXES			
6. DIRECTION OF HOLE		VERTICAL		15. ELEVATION GROUND WATER TIDE = 1.04			
7. THICKNESS OF BURDEN 0.0 FT				16. DATE HOLE		Started Completed 8/19/00 1733	
8. DEPTH DRILLED INTO ROCK N/A				17. ELEVATION TOP OF HOLE -15.3 ft			
9. TOTAL DEPTH OF HOLE 13.8 FT				18. TOTAL CORE RECOVERY FOR BORING 88%			
				19. SIGNATURE OF GEOLOGIST SYED KHALIL, CP&E INC.			

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-15.3	0					
	1					
	2		SAND, fine-grained, trace shell hash/whole shell ("1"), gray (5Y-6/1) (SP)		1	Sample #1, Depth = 2.0' Mean (mm):0.13, Phi Sorting: 0.40 Silt: 3.4% (SP)
	3					
-19.1	4		SILTY CLAY, firm, trace shell hash, Gray (5Y-5/1), (ML-CL)			
-20.2	5		SAND, fine-grained, trace shell hash, silty clay pocket @ 4.4', Gray (5Y-6/1) (SP)			
-21	6		SAND, fine-grained, some silt/clay, little shell hash/shell & coral fragments(0.5"), Gray (5Y-6/1) (SP-SM)		2	Sample #2, Depth = 6.4' Mean (mm):0.16, Phi Sorting: 1.37 Silt: 11.3% (SP-SM)
	7		fine-grained, little silt/clay (calcareous), little shell hash/shell fragments (increases downward), light gray (5Y-7/1) (SP-SM)			
-22.8	8		fine-grained, little silt, little shell hash/shell fragments, White (5Y-8/1) (SP-SM)		3	Sample #3 = 8.5' Mean (mm):0.23, Phi Sorting: 1.55 Silt: 11.5% (SP-SM)
-24.3	9					
	10		CARBONATE CLASTS, hard, clasts size range from cobble to calcareous/carbonate fines, Gray (5Y-6/1) (GP)			
	11					
-27.3	12					
	13		No Recovery			
-29.1	14		End of Boring			
	15					
	16					
	17					
	18					
	19					
	20					
	21		Note:			LAT - LONG
	22		1) Soils are classified in accordance with the Unified Soils Classification System.			27 18.5391 N
	23		2) Rock in Drill Bit.			82 34.9909 W
	24					