

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=439584 Y=1046286		11. DATUM FOR ELEVATION SHOWN <sup>(TBM or MSL)</sup> 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-00-05				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= 0.42			
7. THICKNESS OF BURDEN 0.0 FT				16. DATE HOLE Started Completed 8/20/00 1014			
8. DEPTH DRILLED INTO ROCK N/A				17. ELEVATION TOP OF HOLE -33.9 ft			
9. TOTAL DEPTH OF HOLE 11.95 ft				18. TOTAL CORE RECOVERY FOR BORING 92%			
				19. SIGNATURE OF GEOLOGIST SYED KHALIL, CP&E INC.			

  

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-33.9	0					
	1					
	2		SAND, fine to medium-grained, some shell hash/shell fragments, Dark gray (5Y-4/1) (SP)		1	Sample #1, Depth = 2.0' Mean (mm): 0.36, Phi Sorting: 0.89 Silt: 1.8% (SP) Specific Gravity: 2.72
	3					
-38.2	4					
	5					
	6				2	Sample #2, Depth = 6.0' Mean (mm): 0.13, Phi Sorting: 0.91 Silt: 17.9% (SM)
	7		SILTY SAND, fine-grained, trace shell hash/shell fragments, whole shell (1") at 7.4', Gray (5Y-5/1) (SM)			
	8					
	9				3	Sample #3, Depth = 9.0' Mean (mm): 0.15, Phi Sorting: 1.07 Silt: 17.1% (SM)
-44.5	10					
-45.1	11		CARBONATE CLASTS, hard, clasts size range from cobble to calcareous/carbonate fines, White (5Y-8/1) (GP)			
-45.9	12		No Recovery			
	13		End of Boring			
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21		Note:			LAT - LONG
	22		1) Soils are classified in accordance with the Unified Soils Classification System.			27 12.6333 N
	23		2) Rock in Drill Bit.			82 39.9825 W
	24					