

DRILLING LOG		DIVISION: South Atlantic		INSTALLATION: Jacksonville District		SHEET 1 of 1	
1. PROJECT LIDO KEY FEASIBILITY STUDY (Coordinates or Station)				10. SIZE AND TYPE OF BIT 3 5/8"			
2. LOCATION X= 427500 Y= 1041910				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-00-16				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 = 0.03			
7. THICKNESS OF BURDEN 0.0 FT				16. DATE HOLE Started Completed 8/22/00 1200			
8. DEPTH DRILLED INTO ROCK N/A				17. ELEVATION TOP OF HOLE -42.4 ft			
9. TOTAL DEPTH OF HOLE 15.5 ft				18. TOTAL CORE RECOVERY FOR BORING 83%			
				19. SIGNATURE OF GEOLOGIST SYED KHALIL, CP&E INC.			

ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	CORE REC %	SAMPLE NUMBER	REMARKS
-42.4	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): 0.51, Phi Sorting: 0.89 Silt: 1.7% (SP)
-46.1	3					
	4				2	Sample #2, Depth = 4.5' Mean (mm): 0.22, Phi Sorting: 1.34 Silt: 19.5% (SM) Specific Gravity: 2.53
	5		SILTY SAND, fine grained, little shellhash/shell fragments, Light gray (5y-7/1) (SM)			
	6					
-50	7				3	Sample #3, Depth = 7.5' Mean (mm): 0.31, Phi Sorting: 1.76 Silt: 19.6% (SM)
	8		SAND, fine-grained, little silt, trace clay, some shell hash/shell fragments/whole shell - few about 1.5". Light gray (5Y-7/1) to Dark gray (5Y-4/1) (SP-SM)		4	Sample #4 = 8.5' Mean (mm): 0.59, Phi Sorting: 2.24 Silt: 12.2% (SP-SM)
-51.1	9					
	10		CARBONATE CLASTS, hard, clasts size range from cobbles to calcareous fines, Light gray (5Y-7/1) (GP)			
	11					
	12					
-55.3	13					
	14		NO RECOVERY			
-57.9	15					
	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 11.9002 N
	23		2) Rock in Drill Bit.			82 42.2086 W
	24					