

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"			
(Coordinates or Station)				11. DATUM FOR ELEVATION SHOW (TBM or MSL)			
2. LOCATION		X= 429980 Y= 1046368		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-00-07		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 = 0.75			
7. THICKNESS OF BURDEN 0.0 FT				16. DATE HOLE Started Completed		8/20/00 1141	
8. DEPTH DRILLED INTO ROCK N/A				17. ELEVATION TOP OF HOLE -39.5 ft			
9. TOTAL DEPTH OF HOLE 10.2 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
-39.5	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): 0.46, Phi Sorting: 0.97 Silt: 1.6% (SP)
	3					
	4					
-44.4	5				2	Sample #2, Depth = 4.5' Mean (mm): 0.26, Phi Sorting: 0.93 Silt: 4.6% (SP) Specific Gravity: 2.64
	6		SILTY SAND, fine grained, calcareous, trace shell hash/shell fragments, Light gray (5Y-7/1) (SM)			
	7				3	Sample #3, Depth = 6.3' Mean (mm): 0.18, Phi Sorting: 1.30 Silt: 17.6% (SM)
-46.8	8		fine-grained, calcareous, trace shell hash/shell fragments, Light gray (5Y-7/1) (SM)			
-47.3	9				4	Sample #4, Depth = 7.6' Mean (mm): 0.19, Phi Sorting: 1.15 Silt: 17.0% (SM)
-48.5	10		CARBONATE CLASTS, hard, clasts size from cobble to calcareous/carbonate fines, Light gray (5Y-7/1) (GP)			
-49.7	11		NO RECOVERY			
	12		End of Boring			
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	15					
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Note:

1) Soils are classified in accordance with the Unified Soils Classification System.

2) Rock in Drill Bit.

LAT - LONG

27 12.6383 N

82 41.7554 W