

Drilling Log				1 of 2 Sheets		
1. Project Martin County Shore Protection Project				10. Size and Type of Bit		
2. Location 776426.1E 1047923.2N				11. Datum for Elevation Shown (TDM or MSL) NGVD *		
3. Drilling Agency Alpine Ocean Seismic Survey, Inc.				12. Manufacturer's Designation of Drill Vibracore		
4. Hole No. (As shown on drawing side) ATM C				13. Total No. of Overburden Samples Taken		Undisturbed
5. Name of Driller Chris Moore				14. Total No. of Core Boxes 2		
				15. Elevation Ground Water Total		
6. Direction of Hole <input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Inclined _____ Degree from Vertical				16. Date Hole		Started 11/20/93 Completed 11/20/93
7. Thickness of Overburden				17. Elevation Top of Hole -33.3		
8. Depth Drilled into Rock				18. Total Core Recovery for Boring %		
9. Total Depth of Hole 15 ft				19. Signature of Inspector		
Elevation	Depth	Legend	Classification of Materials (Description)	% Core Recovery	Box or Sample No.	Remarks (Drilling time, water loss, depth of weathering, if significant)
a	b	c	d	e	f	g
-33.3	0	SP	Medium to coarse, very shelly sand; fragmented; brown color	Void	①	2 ft
-35.3	2					
-37.3	4	SP	Fine sand; poorly graded; mollusk shells rare (<10% carbonate shells); interbedded with medium to coarse shelly sand locally; gray color		3	4 ft
	5	SP				
-39.3	6		Increasing medium to coarse, shelly sand (dark gray) from 5.7 ft to 6.4 ft; interbeds		4	6 ft
	7	SP	Medium to coarse, very shelly sand; dark gray; carbonate shells			
-41.3	8	SP	Fine sand; poorly graded; interbedded medium sand; shell layer at 7.9 ft to 8.0 ft; interbedded coarse, shelly sand from 8.0 ft to 8.5 ft		5	
-43.3	9	SW	Fine to coarse, well-graded sand; gray; mollusk shells abundant (up to 60% carbonates); shells nearly whole; interbedded fine sand from 9.5 ft to 9.7 ft		6	10 ft
	10					

ENG FORM 1836

Project:

Hole No.

* Elevation shown is based on actual tide at Mayport and adjusted for Seminole Shores.

01000-K25

Drilling Log (Cont Sheet)		Elevation Top of Hole -33.3		Hole No. ATM C		
Project ATM		Installation			Sheet of 2 2	
Elevation	Depth	Legend	Classification of Materials (Description)	% Core Recovery	Box or Sample No.	Remarks (Drilling time, water loss, depth of weathering, if significant)
a	b	c	d	e	f	g
-43.3	10	SW	Fine sand; gray; poorly graded; <10% carbonate shells		6	10 ft
	11	SW	Coarse, shelly sand; carbonate shells; large, nearly whole mollusk shells; well-graded; gray color			
-45.3	12	SP	Fine sand; gray; scattered mollusk shells; fragmented; poorly graded; muddy gray		7	12 ft
	13	SP	Silty, fine sand; gray; poorly graded; scattered mollusk shells			
	14	SP	Large mollusk shells at 13.6 ft to 14.0 ft			
-47.3	14	GW	Shell hash/lag; shells decreasing to 40% at bottom; fine to coarse sand matrix; well-graded; brownish color		8	14 ft
-48.3	15		Bottom 15 ft			
	16					
	17					
	18					
	19					
	20					
	21					