

Drilling Log				10. Size and Type of Bit			
1. Project Martin County Shore Protection Project				11. Datum for Elevation Shown (TOM or MSL) NGVD *			
2. Location 775579.4E 1047179.3N				12. Manufacturer's Designation of Drill Vibracore			
3. Drilling Agency Alpine Ocean Seismic Survey, Inc.				13. Total No. of Overburden Samples Taken		Disturbed	
4. Hole No. (As shown on drawing 35e) ATM 6/6R2				14. Total No. of Core Boxes 2		Undisturbed	
5. Name of Driller Chris Moore				15. Elevation Ground Water Tidal		Completed	
6. Direction of Hole <input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Inclined _____ Degree from Vertical				16. Date Hole		Started 11/19/93	
7. Thickness of Overburden				17. Elevation Top of Hole -29.75		Completed 11/19/93	
8. Depth Drilled into Rock				18. Total Core Recovery for Boring		%	
9. Total Depth of Hole 14.9				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
-29.75	0	SP	Medium to coarse sand; very shelly (50% carbonate); shells highly fragmented; well-graded; distinct brown color		(1)	
-31.75	2				(2)	2 ft
-33.75	4	SP	Fine sand; poorly graded; olive gray; c5% carbonate shells		(3)	4 ft
	5	SW	Fine to coarse sand; very well-graded; olive to dark gray; 10% carbonate shells; shells mostly fragmented; 10% silt			
	6	SP	Very shelly (60% carbonate shells); medium to coarse, dark gray sand			
-35.75	7	GW	Shell lag (75% carbonate shells); increasingly silty; olive gray, fine sand matrix toward bottom		(4)	6 ft
	8	SP	Dark brownish gray, very shelly, medium to coarse sand (40% carbonate shells); scattered whole bivalve shells; mostly highly fragmented shells; some silt; well-graded			
-37.75	9	SP	Distinct brownish, very shelly, medium to coarse sand; very well-graded; scattered large whole to fragmented mollusk/echimid fragments		5	8 ft
-39.75	10	SP	50% shells below 8-9 ft (color change to dark gray)			

ENG FORM 1836

Project:

Hole No.

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

01000-K11

Drilling Log (Cont Sheet)		Elevation Top of Hole -29.75		Hole No. ATM 6/6R2		
Project ATM		Installation			Sheet of 2 Sheets	
Elevation a	Depth b	Legend c	Classification of Materials (Description) d	% Core Recovery e	Box or Sample No. f	Remarks (Drilling time, water loss, depth of weathering, if significant) g
-39.75	10	SW	Large bivalve shells (whole) from 10.7 ft to 13.0 ft; very shelly (75%) below 10.7 ft; almost a shell lag (gravel) toward bottom; brownish gray color; very well-graded		6	10 ft
-41.75	11					
	12	SW			7	12 ft
-42.75	13		Bottom ATM 6		8	13 ft
	13		Top ATM 6R2		9	13 ft
-43.0	14	SP	Olive gray, fine sand; poorly graded; scattered mollusk shell fragments (5%)			15 ft
-45.0	15	SW	Shelly, fine sand; very well-graded; shells highly fragmented		10	
-46.0	16		Bottom 16.0 ft			
	17					
	18					
	19					
	19.9					