

Drilling Log			
1. Project		Martin County Shore Protection Project	
2. Location		773440.7E 1047757.1N	
3. Drilling Agency		Alpine Ocean Seismic Survey, Inc.	
4. Hole No. (As shown on drawing title)		ATM 4/4R2	
5. Name of Driller		Chris Moore	
6. Direction of Hole		<input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Inclined _____ Degree from Vertical	
7. Thickness of Overburden			
8. Depth Drilled Into Rock			
9. Total Depth of Hole		14.7 ft	
10. Size and Type of Bit			
11. Datum for Elevation Shown (TDM or MSL)		NGVD	
12. Manufacturer's Designation of Drill		Vibracore	
13. Total No. of Overburden Samples Taken		Disturbed	Undisturbed
14. Total No. of Core Boxes		2	
15. Elevation Ground Water		Tidal	
16. Date Hole		Started	Completed
		11/19/93	11/19/93
17. Elevation Top of Hole		-36.85	
18. Total Core Recovery for Boring		%	
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
-36.85	0	SP	Medium to coarse sand; very shelly (60% carbonate shells); large whole mollusk shells scattered; well-graded		1	
-38.85	2	SP	Medium to coarse, shelly sand; large mollusk shells common throughout; dark gray color		2	2 ft
-40.85	4	SP	Fine sand; shell fragments		3	4 ft
	5	Void		Void 0%		
	6	GW	Shell lag; fine sand			
-42.85	7	SW	Interbedded fine, gray sand and coarse, shelly sand (shells up to 60%); well-graded; olive gray to dark gray; large mollusk shells		4	6 ft
-44.85	8				5	8 ft
	9	GW	Shell lag and silty gray-olive sand			
	10	SW	Very shelly, medium to fine, gray sand			

Drilling Log (Cont Sheet)		Elevation Top of Hole -36.85		Hole No. ATM 4/4R2		
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
-46.85	10	SW	Gray to white, fine sand and shell; partially cemented below 10.8 ft; most of sediment cemented; fine, silty (20%), white sand; shelly from 13.0 ft to 13.4 ft and from 13.7 ft to 13.9 ft		6	Pleistocene "bedrock"
-48.85	12	SW			7	12 ft
-50.85	14		Bottom ATM 4		8	14 ft
	15		Top ATM 4R2			
-50.55	14	GW	Semi-solidified shell lag; large bivalve fragments; well-graded; silty, white, fine sand matrix		9	14 ft
-52.55	16	SW	Cemented, fine to medium white/tan, silty sand; shells up to 50%; less shelly from 15.9 ft to 16.3 ft; well-graded throughout		10	16 ft
-53.55	17	SP	Silty, fine, white sand; poorly graded; only slightly shelly (<10%); not solidified		11	17 ft
	18	SW	Cemented, shelly, silty, fine, white sand (shells 20%); well-graded			
-54.85	19		Bottom 18.3 ft			