

Drilling Log		1 of 2 Sheets				
1. Project Martin County Shore Protection Project		10. Size and Type of Bit				
2. Location 774202.2E 1048363.4N		11. Datum for Elevation Shown (TOM 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 file) ATM 9		13. Total No. of Overburden Samples Taken				
5. Name of Driller Chris Moore		14. Total No. of Core Boxes 2				
6. Direction of Hole <input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Inclined _____ Degree from Vertical		15. Elevation Ground Water Total				
7. Thickness of Overburden		16. Date Hole				
8. Depth Drilled into Rock		17. Elevation Top of Hole 36.75				
9. Total Depth of Hole 19.2 ft		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
-36.75	0	SP	Medium to coarse sand; very shelly; distinct brown color until 0.7 ft; brownish gray below 0.7 ft; scattered large mollusk shells throughout		1	
-38.75	2	SP	Some interbedded silty, gray sand (local)		2	2 ft
	3	SP	Very shelly 3.4 ft to 3.6 ft			
-40.75	4		Very shelly 4.2 ft to 4.9 ft (70% carbonate shells); large bivalve shells (whole); dark gray color		3	4 ft
	5		Clay, inorganic, olive gray (4.9 ft to 5.1 ft)			
-42.75	6	SP	Very shelly; medium to coarse sand; well graded; large mollusk shells abundant (whole); increasingly fine olive gray sand below 6.6 ft		4	6 ft
	7	GW	Shell lag; significant fine, silty, olive gray matrix (30%); well-graded			
		SP	Very shelly, medium to coarse, dark gray sand (70% carbonate)			
-44.75	8	SP	Very fine, silty (20%) sand; white; mottled with black shell fragments		5	8 ft
		GW	Shell layers interbedded with olive gray clay toward bottom; well-graded			
	9	SW	Shelly, fine sand			
	10		Void	Void 0%		

Drilling Log (Cont Sheet)		Elevation Top of Hole 36.75		Hole No. ATM 9		
Project ATM		Installation			Sheet of 2 Sheets	
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
-46.75	10	Void		Void 0%		11 ft 12 ft 14 ft 16 ft 18 ft
-47.75	11	GW	Coarse mollusk shell lag (75%); interbeds of olive gray and white, silty, fine sand (matrix); very well-graded throughout; shells fragmented to whole		6	
-48.75	12				7	
	13	SP	Fine, white sand; slightly shelly; black fragments			
-50.75	14	Void		Void 0%	8	
	15	GW	Shell lag mixed with fine sand, shell fragments, and whole shells			
-52.75	16	SP	Shelly, fine, olive gray sand		9	
	17	SW	Cemented shell and fine, white sand shells; highly fragmented			
-54.75	18	SW			10	
-55.95	19		Bottom 19.2 ft			
	20					
	21					