

1 of 2 Sheets

Drilling Log Project <b>Martin County Shore Protection Project</b> Location <b>775467.0E 1049908.0N</b> Drilling Agency <b>Alpine Ocean Seismic Survey, Inc.</b> Hole No. (As shown on drawing 15e) <b>ATM A</b> Name of Order <b>Chris Moore</b> Direction of Hole <input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Inclined _____ Degree from Vertical Thickness of Overburden _____ Depth Drilled into Rock _____ Total Depth of Hole <b>15.3 ft</b>				10. Size and Type of Bit _____ 11. Datum for Elevation Shown (TDM or MSL) <b>NGVD *</b> 12. Manufacturer's Designation of Drill <b>Vibracore</b> 13. Total No. of Overburden Samples Taken _____ Disturbed _____ Undisturbed _____ 14. Total No. of Core Boxes <b>2</b> 15. Elevation Ground Water _____ Total _____ 16. Date Hole _____ Started <b>11/20/93</b> Completed <b>11/20/93</b> 17. Elevation Top of Hole <b>34.55</b> 18. Total Core Recovery for Boring _____ % 19. Signature of Inspector _____			
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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
-34.55	0	SP	Medium to coarse sand; very shelly; shells highly fragmented; brown color		(1)	
-35.55	1				(2)	1.3 ft
-36.55	2				3	2 ft
	3	GW	Shell hash; whole to broken shell fragments; some coarse sand; well graded			
-38.55	4	SP	Medium to fine, gray sand; layers of coarse shelly sand		4	4 ft
	5	SP	Medium to coarse shelly sand			
-40.55	6				5	6 ft
-41.55	7	GW	Shell hash; large, whole to fragmented mollusk shells; well-graded (80% carbonates); some coarse sand; dark gray		6	7 ft
-42.55	8	SP	Fine sand; poorly graded; scattered mollusk shells; some interbeds of coarse shelly sand; gray color		7	8 ft
	9					
-44.55	10	SW	Coarse, shelly sand; dark gray; becomes very shelly at 9.9 ft; well graded		8	10 ft

ENG FORM 1836

Project

Hole No.

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

01000-K21

Drilling Log (Cont Sheet)		Elevation Top of Hole -34.55		Hole No. ATMA		
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
-44.55	10	SW	Coarse, shelly sand; dark gray; well graded; poorly graded, gray sand layer at 10.8 ft to 11.0 ft		8	10 ft
-46.55	12	SP	Poorly graded; scattered bivalve shells; large shells at 12.8 ft; some interbedded coarse, shelly sand from 12 ft to 12.5 ft; dark gray		9	12 ft
-48.55	14	SW	Solidified, fine shelly sand; silty (30%); 30% carbonate shells; well-graded; interbedded with coarse, shelly hash; color change to white at 14.6 ft		10	14 ft
-50.55	16	SW	Hard, white, calcareous, shelly, fine sand (marl?); 50% carbonate at bottom		11	16 ft
-50.85	17		Bottom 16.3 ft			
	18					
	19					
	20					
	21					