

DRILLING LOG		HUMISTON & MOORE ENGINEERS		INSTALLATION		SHEET 12 OF 12 SHEETS	
1. PROJECT KNIGHT ISLAND BEACH NOURISHMENT				10. SIZE AND TYPE OF BIT 2.5 INCHES			
2. LOCATION CHARLOTTE COUNTY, FLORIDA				11. DATUM FOR ELEVATION SHOWN NGVD			
3. DRILLING AGENCY EXMAR				12. MANUFACTURERS DESIGNATION OF DRILL VIBRACORE			
4. HOLE NO. 9B				13. TOTAL NO. OF OVERBURDEN SAMPLES TAKEN		DISTURBED NA	UNDISTURBED NA
5. NAME OF DRILLER MIKE CLARK				14. TOTAL NUMBER OF CORE BOXES (SECTIONS) 2			
6. DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED _____ DEG. FROM VERT.				15. ELEVATION OF GROUND WATER TIDAL			
7. THICKNESS OF OVERBURDEN NA				16. DATE HOLE		STARTED 9/20/93	FINISHED 9/20/93
8. DEPTH DRILLED INTO ROCK NONE				17. ELEVATION TOP OF HOLE -6.9 FEET NGVD			
9. TOTAL DEPTH OF HOLE 11 FEET				18. TOTAL CORE RECOVERY FOR BORING 6.5 FEET			
				19. SIGNATURE OF INSPECTOR			
ELEVATION (Feet) a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOV- ERY e	BOX OR SAMPLE NO. f	REMARKS g	
	1						
	2						
	3						
	4						
-11.4						JETTED TO -11.4	
-12.0	5	3 3 3	GRAY SHELLY SAND, (SW)				
		3 3 3	GRAY SANDY SILT				
-13.0	6	3 3 3	SHELLY SAND, (SW)				
-13.4		3 3 3	SANDY SHELL, (SW)		9B-1	EL. = -13.4	
	7						
	8						
	9						
	10						
	11						
-18			FINE QUARTZ SAND, (SP), GRAY, SOME SHELL, TRACE SILT		9B-2	EL. = -17.4	
	12						
	13						
	14						
	15						
	16						
	17						
	18						
	19						

LAW ENGINEERING  
3627 PROGRESS AVENUE  
NAPLES, FLORIDA 33942  
(813) 643-4747

REPORT OF GRAINSIZE ANALYSIS WITH WASH 200 AND WATER CONTENT

CLIENT: Humiston, Moore Engineers

DATE: October 22, 1993

PROJECT: Knight Island Beach Restoration Project

TECHNICIAN: SC

OB NUMBER: 76-611005-01

BORING NUMBER: 9B

SAMPLE NUMBER: 1

Sample Description: Gray slightly silty fine SAND

SIEVE NO.	WEIGHT RETAINED	% RETAINED	% PASSING
1 in.	0.0	0.0	100.0
3/4 in.	0.0	0.0	100.0
1/2 in.	0.0	0.0	100.0
3/8 in.	0.0	0.0	100.0
4	1.7	0.7	99.3
10	4.8	1.9	98.1
20	8.2	3.3	96.7
40	11.8	4.7	95.3
60	16.2	6.4	93.6
80	24.5	9.8	90.2
100	58.0	23.1	76.9
140	212.9	84.8	15.2
200	234.9	93.5	6.5



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CLIENT: Humiston, Moore Engineers

DATE: October 22, 1993

PROJECT: Knight Island Beach Restoration Project

TECHNICIAN: SC

JOB NUMBER: 76-611005-01

BORING NUMBER: 9B

SAMPLE NUMBER: 2

Sample Description: Gray slightly silty fine SAND

SIEVE NO.	WEIGHT RETAINED	% RETAINED	% PASSING
1 in.	0.0	0.0	100.0
3/4 in.	0.0	0.0	100.0
1/2 in.	0.0	0.0	100.0
3/8 in.	0.0	0.0	100.0
4	0.0	0.0	100.0
10	3.5	1.3	98.7
20	5.2	2.0	98.0
40	6.7	2.5	97.5
60	11.3	4.3	95.7
80	17.6	6.7	93.3
100	30.6	11.6	88.4
140	203.8	77.2	22.8
200	242.1	91.7	8.3

