

# VIBRACORE LOG

**Project:** Key Biscayne

**Core ID#:** A1

Coordinates: NAD27  
N= 483095.87  
E= 780398.12

Date: May 10, 1999  
Start Time: 10:00  
End Time: 10:20

Water Depth: 8.0'  
Datum: NGVD  
Driller: Industrial Divers  
Client Rep: DO

Core Diameter: 3"  
Length of Barrel: 10'  
Penetration Depth: 4'  
Length Recovered: 4'  
Percent Recovered: 100%  
Length Retained: 3.1  
Percent Retained: 77.5%

ELEV. (- feet)	DEPTH (feet)	Legend	DESCRIPTION	Sample No.	Remarks
8.0	0.0				
					1.24 φ
9.0	1	^ ^ ^ ^ ^	Shell fragments (12.0 - 20.0")	1 (4-7")	0.42 mm
9.5				2 (16-19")	0.5% Silt
10.0	2		Dredge Depth (10.0')		
			Gray (6/N) fine to		0.66 φ
11.1	3		medium sand with some		0.63 mm
			shell hash and fragments		1.3% Silt
12.0	4		Penetration to 4.0 ft.		
	5				
	6				
	7				
	8				
	9				
	10				
	11				
	12				
	13				
	14				
	15				
	16				
	17				
	18				
	19				
	20				

Support Vessel:

Positioning: Differential GPS

## WEATHER

### **Wind**

Dir: SE  
Speed: 5-10 knots

### **Waves**







Dir: SE  
Height: 2  
Period: 3 Sec

Logged By: McNeill Geological  
Analysis By: Ardaman & Assoc.  
Date: 5/99 - 6/99

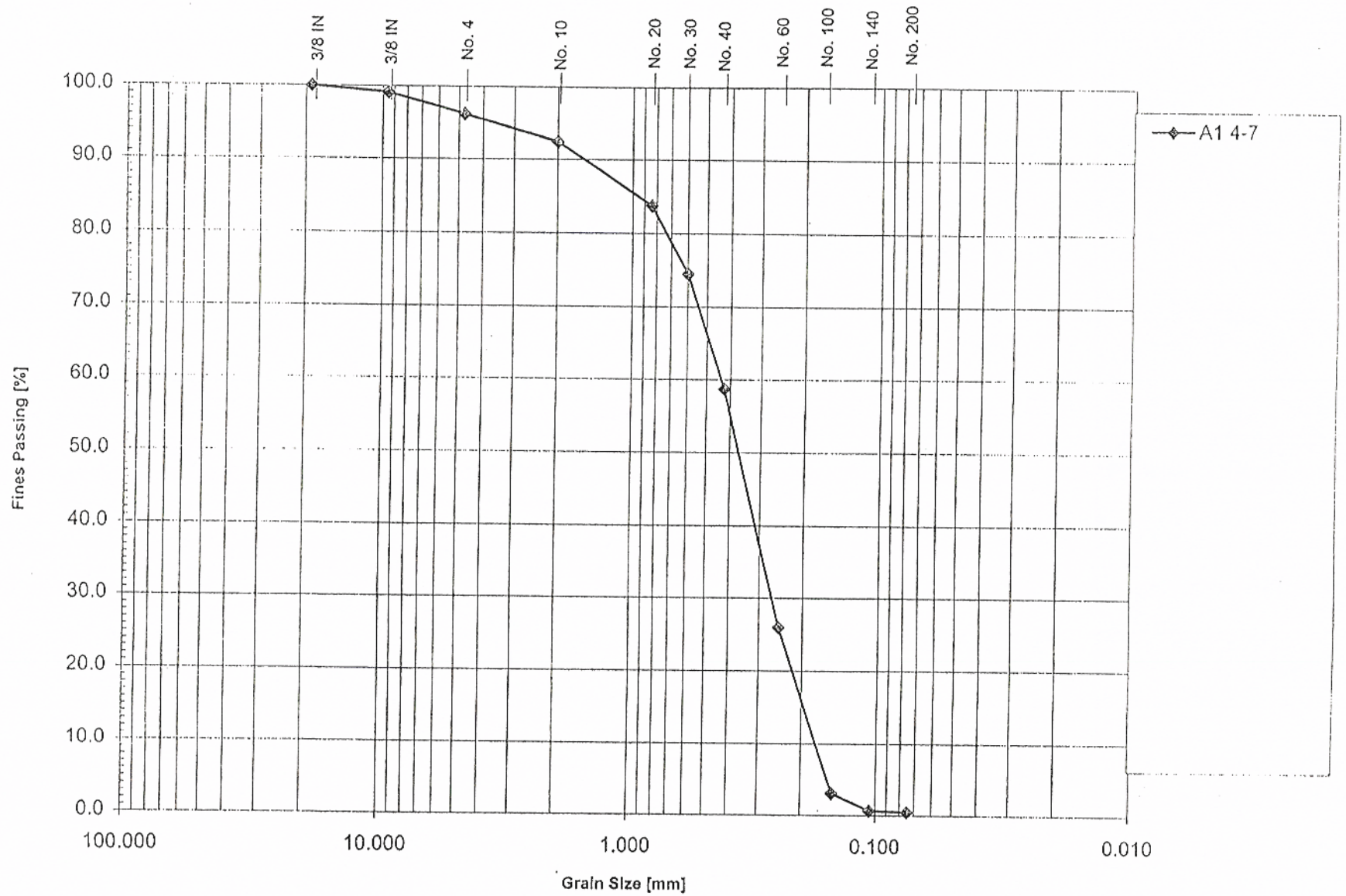
### Analysis Method:

Visual Logging  
Mechanical Sieve

### LEGEND

 Sand	 Shell Hash
 Shell Frag.	 Rubble
 Coral Frag.	 Rock
 Rock Frag.	

GRADATION TESTS  
Village of Key Biscayne Samples





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