

# VIBRACORE LOG

**Project:** Key Biscayne

**Core ID#:** B13

Coordinates: NAD27  
N= 484478.83  
E= 783739.94

Date: May 12, 1999  
Start Time: 12:40  
End Time: 12:55

Water Depth: 7.0'  
Datum: NGVD  
Driller: Industrial Divers  
Client Rep: DO

		ELEV. (- feet)	DEPTH (feet)	Legend	DESCRIPTION	Sample No.	Remarks
Core Diameter: 3" Length of Barrel: 10' Penetration Depth: 4.9 Length Recovered: 4.9 Percent Recovered: 100% Length Retained: 3.2 Percent Retained: 65%		7.0	0.0				
		7.6				1 (7-10")	1.64 $\phi$
			1				0.32 mm
					Gray (2.5Y 7/1) fine to		0.3% Silt
			2		medium sand with some		
		9.5			shell hash	2 (27-30")	1.92 $\phi$
		10.0	3		Dredge Depth (10.0')		0.26 mm
Support Vessel:  Positioning: Differential GPS			4				0.7% Silt
		11.9	5		Penetration to 4.9 ft.		
<b>WEATHER</b>  <b>Wind</b> Dir: SE Speed: 5-10 knots  <b>Waves</b> Dir: SE Height: 2 Period: 3 Sec			6				
			7				
			8				
			9				
			10				
			11				
			12				
			13				
			14				
			15				
Logged By: McNeill Geological Analysis By: Ardaman & Assoc. Date: 5/99 - 6/99  <b>Analysis Method:</b> Visual Logging Mechanical Sieve  <b>LEGEND</b> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">  Sand             </div> <div style="width: 50%;">  Shell Hash             </div> <div style="width: 50%;">  Shell Frag.             </div> <div style="width: 50%;">  Rubble             </div> <div style="width: 50%;">  Coral Frag.             </div> <div style="width: 50%;">  Rock             </div> <div style="width: 50%;">  Rock Frag.             </div> </div>			16				
			17				
			18				
			19				
			20				