
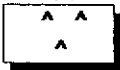




VIBRACORE LOG									
PROJECT: <u>CAPTIVA / SANIBEL BORROW AREA III B</u> CORE NO: <u>SB16</u>									
COORDINATES: N = 741920 E = 425992		DATE: JANUARY 25, 1994 START TIME: 1202 END TIME: 1210		WATER DEPTH: 33.8 Ft. NGVD DRILLER: EXMAR (M. CLARKE) CLIENT REP: MDA					
CORE DIAMETER: 2.5" LENGTH OF BARREL: 11.5' PENETRATION DEPTH: 7.0' LENGTH RECOVERED: 6.2' LENGTH RETAINED : 6.2'		ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS		
		33.8'	0.0						
SUPPORT VESSEL: EXMAR I POSITIONING: TRISPONDER WEATHER: <u>WIND:</u> DIR: EAST SPEED: 5 TO 10 Kt <u>WAVES</u> DIR: NORTH HEIGHT: 0 TO 1 Ft.				~ ~ ~	GRAY, FINE GRAIN SAND WITH SHELL HASH	1 2.5'	1.25 Phi 0.42 mm 3.1 % SILT (SP)		
				~ ~ ~					
				~ ~ ~					
				~ ~ ~					
				~ ~ ~					
		36.3'	2.5						
				~ ~ ~	LT. GRAY, FINE GRAIN SAND WITH SHELL HASH	2 4.5'	1.75 Phi 0.30 mm 5.9 % SILT (SP-SM)		
		38.3'	4.1	~ ~ ~					
		39.3'	5.0	~ ~ ~					
ANALYSIS BY: MDA DATE: JAN. 30, 1994 ANALYSIS METHOD: VISUAL LOGGING MECHANICAL SIEVE <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> <div style="text-align: center;"> SAND  </div> <div style="text-align: center;"> SHELLS  </div> <div style="text-align: center;"> SILT  </div> <div style="text-align: center;"> SHELL HASH  </div> </div>				~ ~ ~	LT. GRAY, FINE GRAIN SAND WITH SHELL HASH AND SILT	3 5.5'	2.48 Phi 0.18 mm 13.8 % SILT (SM)		
				40.0'				6.2	~ ~ ~
				40.8'				7.0	~ ~ ~
							HARD SUBSTRATE		NOT RECOVERED
				7.5					
			10.0		NOTE: SHORT RECOVERY DUE TO COMPACTED MATERIAL IN CORE BARREL PUSHING THROUGH SOFTER LOWER LAYER. MISSING MATERIAL SIMILAR TO LOWEST RECOVERED MATERIAL				

NOTE: MEAN WAS CALCULATED USING MOMENT MEASURE METHOD (BALSILLE 1994)

COASTAL PLANNING & ENGINEERING, INC