

VIBRACORE LOG							
PROJECT: CAPTIVA / SANIBEL BORROW AREA III A				CORE NO: SB1			
<u>COORDINATES:</u>		DATE: JANUARY 21, 1994		WATER DEPTH: 31.4 FL. NGVD			
N = 748984		START TIME: 1106		DRILLER: EXMAR (M. CLARKE)			
E = 425884		END TIME: 1117		CLIENT RE P: MDA			
CORE DIAMETER: 2.5"		ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS
LENGTH OF BARREL: 11.5'		31.4'	0.0				
PENETRATION DEPTH: 7.0'							
LENGTH RECOVERED: 5.8'							
LENGTH RETAINED : 5.8'							
SUPPORT VESSEL: EXMAR I		33.1'			GRAY, FINE GRAIN SAND WITH SHELL HASH	1	0.80 Phi 0.57 mm 2.7 % SILT (SP)
POSITIONING: TRISPOUNDER			2.5			1.7'	CUT
WEATHER:							
WIND:							
DIR: N/NE							
SPEED: 10 TO 15 Kt							
WAVES		35.9'				2	1.75 Phi 0.30 mm 5.7 % SILT (SP-SM)
DIR: NORTH			5.0		GRAY, FINE GRAIN SAND WITH SHELL HASH	4.5'	
HEIGHT: 1 TO 2 FL.							
ANALYSIS BY: MDA		37.2'	5.8				
DATE: JAN. 30, 1994							
ANALYSIS METHOD:		38.4'	7.0				
VISUAL LOGGING			7.5		HARD SUBSTRATE		NOT RECOVERED
MECHANICAL SIEVE							
SAND							
SHELLS							
SILT							
SHELL HASH							
			10.0				
					NOTE: SHORT RECOVERY DUE TO COMPACTED MATERIAL IN CORE BARREL PUSHING THROUGH SOFTER LOWER LAYER.		

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

COASTAL PLANNING & ENGINEERING, INC