



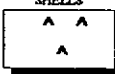




VIBRACORE LOG							
PROJECT: CAPTIVA / SANIBEL BORROW AREA III B				CORE NO: SB13			
COORDINATES:		DATE: JANUARY 25, 1994		WATER DEPTH: 34.2 FL NGVD			
N = 741326		START TIME: 1310		DRILLER: EXMAR (M. CLARKE)			
E = 426955		END TIME: 1318		CLIENT RE P: MDA			
CORE DIAMETER: 2.5"		ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS
LENGTH OF BARREL: 11.5'		34.2'	0.0				
PENETRATION DEPTH: 6.2'						GRAY, FINE GRAIN SAND WITH SHELL HASH	
LENGTH RECOVERED: 4.6'							
LENGTH RETAINED : 4.5'							
SUPPORT VESSEL: EXMAR I							
POSITIONING: TRISPOUNDER							
WEATHER:		36.2'	2.5			1 2.0'	
WIND:		38.2'	3.3				
DIR: EAST		38.7'	4.5				
SPEED: 5 TO 10 Kt		5.0				2 4.0'	
WAVES		6.2					
DIR: NORTH		7.5		HARD SUBSTRATE NOTE: SHORT RECOVERY DUE TO COMPACTED MATERIAL IN CORE BARREL PUSHING THROUGH SOFTER LOWER LAYER. MISSING MATERIAL SIMILAR TO LOWEST RECOVERED MATERIAL		2.50 Phi 0.18 mm 12.2 % SILT (SM)	
HEIGHT: 0 TO 1 Ft.		10.0					
ANALYSIS BY: MDA		40.4'				NOT RECOVERED	
DATE: JAN. 30, 1994							
ANALYSIS METHOD:						1.52 Phi 0.35 mm 3.5 % SILT (SP)	
VISUAL LOGGING							
MECHANICAL SIEVE						2.50 Phi 0.18 mm 12.2 % SILT (SM)	
						1.52 Phi 0.35 mm 3.5 % SILT (SP)	

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

COASTAL PLANNING & ENGINEERING, INC