

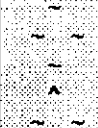







VIBRACORE LOG							
PROJECT: <u>CAPTIVA / SANIBEL BORROW AREA III B</u>				CORE NO: <u>SB11</u>			
COORDINATES: N = 741735 E = 428453		DATE: JANUARY 24, 1994 START TIME: 1532 END TIME: 1545		WATER DEPTH: 34.0 FL. NGVD DRILLER: EXMAR (M. CLARKE) CLIENT REP: MDA			
CORE DIAMETER: 2.5" LENGTH OF BARREL: 11.5' PENETRATION DEPTH: 5.5' LENGTH RECOVERED: 4.6' LENGTH RETAINED : 3.4'	ELEV. 34.0' 35.0' 36.7' 38.0' 38.6' 39.5'	DEPTH 0.0 2.2 2.5 3.3 4.6 5.0 5.5 7.5 10.0	LEGEND    	DESCRIPTION GRAY, FINE GRAIN SAND WITH SHELL HASH LT. GRAY, FINE SAND WITH SHELL HASH GRAY, FINE GRAIN SAND WITH SHELL HASH AND SHELLS HARD SUBSTRATE	SAMP NO. 1 2 3	REMARKS 0.99 Phi 0.50 mm 1.1 % SILT (SP) 1.83 Phi 0.28 mm 7.5 % SILT (SP-SM) 0.66 Phi 0.63 mm 9.8 % SILT (SW-SM) NOT RECOVERED	
SUPPORT VESSEL: EXMAR I POSITIONING: TRISPOUNDER							
WEATHER: <u>WIND:</u> DIR: EAST SPEED: 5 TO 10 KI <u>WAVES</u> DIR: NORTH HEIGHT: 0 TO 1 FT.							
ANALYSIS BY: MDA DATE: JAN. 30, 1994 ANALYSIS METHOD: VISUAL LOGGING MECHANICAL SIEVE							
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  SAND </div> <div style="text-align: center;">  SHELLS </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">  SILT </div> <div style="text-align: center;">  SHELL HASH </div> </div>							
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