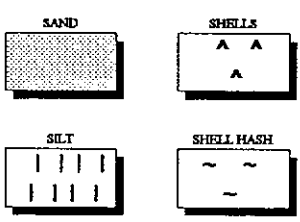


VIBRACORE LOG						
PROJECT: CAPTIVA / SANIBEL BORROW AREA III B CORE NO: SB10						
COORDINATES: N = 741625 E = 427461	DATE: JANUARY 25, 1994 START TIME: 1241 END TIME: 1248	WATER DEPTH: 32.0 Ft. NGVD DRILLER: EXMAR (M. CLARKE) CLIENT REP: MDA				
CORE DIAMETER: 2.5" LENGTH OF BARREL: 11.5' PENETRATION DEPTH: 8.0' LENGTH RECOVERED: 6.3' LENGTH RETAINED : 6.3'	ELEV. 32.0' 34.5' 36.6' 37.8' 38.3' 40.0'	DEPTH 0.0 2.5 4.1 5.0 6.3 7.5 8.0 10.0	LEGEND 	DESCRIPTION GRAY, FINE GRAIN SAND WITH SHELL HASH AND SHELLS GRAY, FINE GRAIN SAND WITH SHELL HASH GRAY, FINE GRAIN SAND WITH SHELL HASH AND SILT HARD SUBSTRATE	SAMP NO. 1 2 3	REMARKS 1.45 Phi 0.37 mm 3.9 % SILT (SP) 1.96 Phi 0.27 mm 5.3 % SILT (SP-SM) 2.71 Phi 0.15 mm 14.4 % SILT (SM) NOT RECOVERED NOTE: SHORT RECOVERY DUE TO COMPACTED MATERIAL IN CORE BARREL PUSHING THROUGH SOFTER LOWER LAYER. MISSING MATERIAL SIMILAR TO LOWEST RECOVERED MATERIAL.
SUPPORT VESSEL: EXMAR I POSITIONING: TRISPOUNDER						
WEATHER: WIND: DIR: EAST SPEED: 5 TO 10 KI WAVES DIR: NORTH HEIGHT: 0 TO 1 Ft.						
ANALYSIS BY: MDA DATE: JAN. 30, 1994 ANALYSIS METHOD: VISUAL LOGGING MECHANICAL SIEVE						

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

COASTAL PLANNING & ENGINEERING, INC