
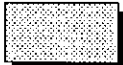

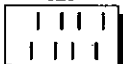
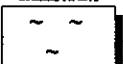


VIBRACORE LOG							
PROJECT: CAPTIVA / SANIBEL BORROW AREA IIIA				CORE NO: SB6			
<b>COORDINATES:</b>  N = 750704  E = 424172	<b>DATE:</b> JANUARY 24, 1994  <b>START TIME:</b> 1313  <b>END TIME:</b> 1327	<b>WATER DEPTH:</b> 32.6 Ft. NGVD  <b>DRILLER:</b> EXMAR (M. CLARKE)  <b>CLIENT RE P:</b> MDA					
<b>CORE DIAMETER:</b> 2.5"  <b>LENGTH OF BARREL:</b> 11.5'  <b>PENETRATION DEPTH:</b> 6.5'  <b>LENGTH RECOVERED:</b> 5.3'  <b>LENGTH RETAINED :</b> 5.2'	<b>SUPPORT VESSEL:</b> EXMAR I  <b>POSITIONING:</b> TRISponder	<b>ELEV.</b>  32.6'  33.6'  35.6'  37.5' 37.8'  39.1'	<b>DEPTH</b>  0.0  2.1 2.5  4.7 5.0 5.2  6.5 7.5  10.0	<b>LEGEND</b>  	<b>DESCRIPTION</b>  GRAY, FINE GRAIN SAND WITH SHELL HASH AND SHELLS  GRAY, FINE GRAIN SAND WITH SHELL HASH  LT GRAY, FINE GRAIN SAND WITH SHELL HASH, SHELLS AND SILT  <b>HARD SUBSTRATE</b>  NOTE: SHORT RECOVERY DUE LOST OF MATERIAL. ON RECOVERY A SECTION AT THE BOTTOM OF THE CORE (+1.0') WAS OBSERVED FALLING OUT. THE MATERIAL OBSERVED APPEARED TO HAVE THE SAME CHARACTERISTICS AS THE LOWEST RECOVERED MATERIAL.	<b>SAMP NO.</b>  1 2  3	<b>REMARKS</b>  0.81 Phi 0.57 mm 2.5 % SILT (SP)  1.61 Phi 0.33 mm 5.9 % SILT (SP-SM)  2.08 Phi 0.24 mm 12.9 % SILT (SM)  NOT RECOVERED
<b>WEATHER:</b>  <b>WIND:</b> DIR: N/NE SPEED: 10 TO 15 Kt  <b>WAVES</b> DIR: NORTH HEIGHT: 1 TO 2 Ft.							
<b>ANALYSIS BY:</b> MDA <b>DATE:</b> JAN. 30, 1994  <b>ANALYSIS METHOD:</b> VISUAL LOGGING MECHANICAL SIEVE  <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <b>SAND</b>   </div> <div style="text-align: center;"> <b>SHELLS</b>   </div> <div style="text-align: center;"> <b>SILT</b>   </div> <div style="text-align: center;"> <b>SHELL HASH</b>   </div> </div>							

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

**COASTAL PLANNING & ENGINEERING, INC**