

VIBRACORE LOG							
<div style="display: flex; justify-content: space-between;"> <span>PROJECT: <u>CAPTIVA / SANIBEL BORROW AREA IIIA</u></span> <span>CORE NO: <u>SB5</u></span> </div>							
<b>COORDINATES:</b>  N = 749910  E = 425353	<b>DATE:</b> JANUARY 24, 1994  <b>START TIME:</b> 1501  <b>END TIME:</b> 1506	<b>WATER DEPTH:</b> 31.8 FL 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> 6.3'  <b>LENGTH RECOVERED:</b> 5.3'  <b>LENGTH RETAINED :</b> 5.3'	ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS	
	31.8'	0.0	~ ~		1		
	32.8'	2.4	~ ~ A ~ ~ A ~ ~	GRAY, FINE GRAIN SAND WITH SHELL HASH AND SHELLS	1.0'	0.78 Phi 0.58 mm 2.3 % SILT (SP)	
<b>SUPPORT VESSEL:</b> EXMAR I  <b>POSITIONING:</b> TRISPOUNDER	34.8'	4.4	~ ~ A ~ ~ A ~ ~	GRAY, FINE GRAIN SAND WITH SHELL HASH AND SHELLS	2	1.49 Phi 0.36 mm 3.1 % SILT (SP)	
<b>WEATHER:</b>  <b>WIND:</b> DIR: N/NE SPEED: 10 TO 15 Kt  <b>WAVES</b> DIR: NORTH HEIGHT: 1 TO 2 FL.	36.8'	5.0	~   ~   ~	LT. GRAY, FINE GRAIN SAND WITH SHELL HASH, SHELLS AND SILT	3	2.03 Phi 0.24 mm 21.0 % SILT (SM)	
	37.1'	5.3	~   ~   ~		5.0'	NOT RECOVERED	
<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; font-size: small;"> <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>	38.1'	6.3		<b>HARD SUBSTRATE</b>			
		7.5		NOTE: SHORT RECOVERY DUE TO COMPACTED MATERIAL IN CORE BARREL PUSHING THROUGH SOFTER, LOWER LAYER.  MISSING MATERIAL SIMILAR TO LOWEST RECOVERED MATERIAL.			
		10.0					

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

COASTAL PLANNING & ENGINEERING, INC