
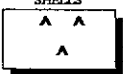
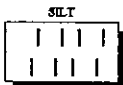



VIBRACORE LOG							
PROJECT: <u>CAPTIVA / SANIBEL BORROW AREA III A</u>				CORE NO: <u>SB3</u>			
COORDINATES:		DATE: JANUARY 25, 1994		WATER DEPTH: 30.9 Ft. NGVD			
N = 747953		START TIME: 0951		DRILLER: EXMAR (M. CLARKE)			
E = 426175		END TIME: 0956		CLIENT RE P: MDA			
CORE DIAMETER: 2.5"		ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS
LENGTH OF BARREL: 11.5'		30.9'	0.0				
PENETRATION DEPTH: 8.5'				~ ~			
LENGTH RECOVERED: 7.5'				~ ~			
LENGTH RETAINED : 7.5'		31.9'		~ ~	GRAY, FINE GRAIN SAND WITH SHELL HASH	1 1.0'	1.30 Phi 0.41 mm 2.0 % SILT (SP)
SUPPORT VESSEL: EXMAR I				~ ~			
POSITIONING: TRISPOUNDER			2.5	~ ~			
WEATHER:			3.2	~ ~			
WIND:			3.4		SILT		
DIR: N/NE				~ ~			
SPEED: 10 TO 15 Kt				~ ~	GRAY, FINE GRAIN SAND WITH SHELL HASH		CUT
WAVES		35.6'	5.0	~ ~		2 4.7'	1.12 Phi 0.46 mm 3.1 % SILT (SP)
DIR: NORTH			5.2	~ ~			
HEIGHT: 1 TO 2 Ft		36.3'		~ ~	LT. GRAY, FINE GRAIN SAND WITH SHELL HASH	3 5.4'	2.03 Phi 0.24 mm 6.1 % SILT (SP-SM)
ANALYSIS BY: MDA			6.6	~ ~			
DATE: JAN. 30, 1994				~ ~ ~	LT. GRAY, FINE GRAIN SAND WITH SHELL HASH	4 7.0'	1.60 Phi 0.33 mm 19.2 % SILT (SM)
ANALYSIS METHOD:		37.9'		~ ~ ~			
VISUAL LOGGING		38.4'	7.5	~ ~ ~			
MECHANICAL SIEVE							
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>SAND</p>  </div> <div style="text-align: center;"> <p>SHELLS</p>  </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"> <p>SILT</p>  </div> <div style="text-align: center;"> <p>SHELL HASH</p>  </div> </div>		39.4'	8.5		HARD SUBSTRATE		NOT RECOVERED
			10.0		NOTE: SHORT RECOVERY DUE TO COMPACTED MATERIAL IN CORE BARREL PUSHING THROUGH SOFTER LOWER LAYER. MISSING MATERIAL SIMILAR TO LOWEST RECOVERED MATERIAL.		

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

COASTAL PLANNING & ENGINEERING, INC