

VIBRACORE LOG							
PROJECT: CAPTIVA/SANIBEL SHOAL BORROW AREA				CORE NO: SB19			
COORDINATES: N = 772707 E = 443688		DATE: JANUARY 21, 1994 START TIME: 0910 END TIME: 0915		WATER DEPTH: 15.0 Ft. NGVD DRILLER: EXMAR (M. CLARKE) CLIENT RE P: MDA			
CORE DIAMETER: 2.5" LENGTH OF BARREL: 11.5' PENETRATION DEPTH: 11.5' LENGTH RECOVERED: 6.0' LENGTH RETAINED : 6.0'	ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS	
	15.0'	0.0					
		0.8'		GRAY, VERY FINE GRAIN SAND WITH SILT			
		1.4'	^   ~   ~   ~   ^	GRAY, VERY FINE GRAIN SAND WITH SHELL AND SHELL HASH AND SILT			
SUPPORT VESSEL: EXMAR I	17.0'	2.5	^   ~   ~   ~   ^		1 2.0'	1.73 Phi 0.30 mm 34.9 % SILT (SM)	
POSITIONING: TRISPOUNDER			^   ~   ~   ~   ^	GRAY, VERY FINE GRAIN WITH SHELL AND AND SHELL HASH SILT		CUT	
WEATHER:			^   ~   ~   ~   ^				
WIND:			^   ~   ~   ~   ^				
DIR: N/NE			^   ~   ~   ~   ^				
SPEED: 10 TO 20 Kt			^   ~   ~   ~   ^				
WAVES			^   ~   ~   ~   ^				
DIR: NORTH	20.0'	5.0	^   ~   ~   ~   ^		2 5.0'	1.43 Phi 0.37 mm 34.1 % SILT (SM)	
HEIGHT: 1 TO 2 Ft.		5.2'	^   ~   ~   ~   ^	MUD			
			^   ~   ~   ~   ^	LT. GRAY, VERY FINE GRAIN SAND WITH SHELL AND SHELL HASH AND SILT			
ANALYSIS BY: MDA	21.0'	6.0'	^   ~   ~   ~   ^				
DATE: JAN. 30, 1994			^   ~   ~   ~   ^				
ANALYSIS METHOD:			^   ~   ~   ~   ^				
VISUAL LOGGING			^   ~   ~   ~   ^				
MECHANICAL SIEVE			^   ~   ~   ~   ^				
		7.5	^   ~   ~   ~   ^	NOTE: SHORT RECOVERY DUE TO COMPACTED MATERIAL IN CORE BARREL PUSHING THROUGH SOFTER LOWER LAYER. MISSING MATERIAL SIMILAR TO LOWEST RECOVERY MATERIAL		NOT RECOVERED	
		10.0	^   ~   ~   ~   ^				

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD

**COASTAL PLANNING & ENGINEERING, INC**