







VIBRACORE LOG						
PROJECT: <u>LONGBOAT KEY BORROW AREA LBK-7</u>				CORE NO: <u>LBVC-36</u>		
COORDINATES: N = 1124615 E = 235603		DATE: AUG 21 1995 START TIME: 1426 END TIME: 1430		WATER DEPTH: 35.0 Ft. NGVD DRILLER: EXMAR CLIENT REP : M. D. ANDREWS		
CORE DIAMETER: 2.5" LENGTH OF BARREL: 12.0' PENETRATION DEPTH: 8.4' LENGTH RECOVERED: 8.4' PERCENT RECOVERED: 100 % LENGTH RETAINED : 8.4'	ELEV. 35.0' 37.0' 40.0' 43.2' 43.4'	DEPTH 0.0 2.5 5.0 7.5 8.4 10.0	LEGEND <div style="border: 1px solid black; width: 100px; height: 100px; background-color: #d3d3d3; margin: 0 auto;"></div> X X X X X	DESCRIPTION LIGHT GRAY (5Y 7/1), FINE GRAINED SAND LIGHT GRAY (5Y 7/1), FINE GRAINED SAND LIGHT GRAY (5Y 7/1), FINE GRAINED SAND ROCK	SAMP NO. 1 2.0' 2 5.0' 3 8.2'	REMARKS 2.65 Phi 0.16 mm 3.5 % SILT (SP) 2.72 Phi 0.15 mm 7.7 % SILT (SP - SM) 2.85 Phi 0.14 mm 10.0 % SILT (SP - SM)
SUPPORT VESSEL: EXMAR II POSITIONING: DGPS TRIMBLE GPS SYSTEM 4000SE LSII TRIMBLE PRO BEACON USCG RECEIVER <u>WEATHER:</u> <u>WIND:</u> DIR: SE SPEED: 0-5 Kt <u>WAVES:</u> DIR: SE HEIGHT 1-2 Ft <u>CURRENT:</u> DIR: NORTH SPEED: 0-1 Kt						
ANALYSIS BY : MDA <u>ANALYSIS METHOD:</u> VISUAL LOGGING MECHANICAL SIEVE <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> SAND  </div> <div style="text-align: center;"> SHELLS FRAG.  </div> <div style="text-align: center;"> ROCK FRAG.  </div> <div style="text-align: center;"> SHELL HASH  </div> <div style="text-align: center;"> ROCK  </div> <div style="text-align: center;"> SILT  </div> </div>						

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD
 NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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