







VIBRACORE LOG							
PROJECT: <u>LONGBOAT KEY BORROW AREA LBK - 7B</u>			CORE NO: <u>LBVC - 29</u>				
<u>COORDINATES:</u> N = 1127420 E = 236634	DATE: <u>AUG 21 1995</u> START TIME: <u>1040</u> END TIME: <u>1045</u>	WATER DEPTH: <u>35.5 Ft. NGVD</u> DRILLER: <u>EXMAR</u> CLIENT REP : <u>M. D. ANDREWS</u>					
CORE DIAMETER: <u>2.5"</u> LENGTH OF BARREL: <u>12.0'</u> PENETRATION DEPTH: <u>7.0'</u> LENGTH RECOVERED: <u>4.2'</u> PERCENT RECOVERED: <u>60 %</u> LENGTH RETAINED : <u>7.9'</u>		ELEV. 35.5' 36.5' 39.5' 42.5' 10.0'	DEPTH 0.0 2.5 4.2 5.0 7.0 7.5	LEGEND LIGHT GRAY (SY 7/1), FINE GRAINED SAND LIGHT GRAY (SY 7/1), FINE GRAINED SAND SEE LBVC-29A ROCK X X X X X X	DESCRIPTION LIGHT GRAY (SY 7/1), FINE GRAINED SAND LIGHT GRAY (SY 7/1), FINE GRAINED SAND SEE LBVC-29A ROCK	SAMP NO. 1 2	REMARKS 2.52 Phi 0.17 mm 2.5 % SILT (SP) 2.78 Phi 0.15 mm 6.1 % SILT (SP - SM)
SUPPORT VESSEL: <u>EXMAR II</u> POSITIONING: <u>DGPS</u> TRIMBLE GPS SYSTEM 4000SE LSII TRIMBLE PRO BEACON USCG RECEIVER							
<u>WEATHER:</u> <u>WIND:</u> DIR : <u>SE</u> SPEED : <u>0 - 5 Kt</u> <u>WAVES:</u> DIR : <u>SE</u> HEIGHT <u>1 - 2 Ft</u> <u>CURRENT:</u> DIR : <u>NORTH</u> SPEED : <u>0 - 1 Kt</u>							
ANALYSIS BY : <u>MDA</u> ANALYSIS METHOD: <u>VISUAL LOGGING</u> <u>MECHANICAL SIEVE</u>							
<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%; text-align: center;"> SAND  </div> <div style="width: 50%; text-align: center;"> SHELLS FRAG.  </div> <div style="width: 50%; text-align: center;"> ROCK FRAG.  </div> <div style="width: 50%; text-align: center;"> SHELL HASH  </div> <div style="width: 50%; text-align: center;"> ROCK  </div> <div style="width: 50%; 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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