



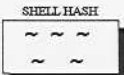
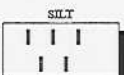


VIBRACORE LOG																																																												
PROJECT: <u>LONGBOAT KEY BORROW AREA LBK - 6A</u>				CORE NO: <u>LBVC - 22</u>																																																								
<u>COORDINATES:</u> N = 1122220 E = 245074	DATE: AUG 20 1995 START TIME: 1543 END TIME: 1548	WATER DEPTH: 34.0 Ft. NGVD DRILLER: EXMAR CLIENT REP : M. D. ANDREWS																																																										
CORE DIAMETER: 2.5" LENGTH OF BARREL: 12.0' PENETRATION DEPTH: 6.5' LENGTH RECOVERED: 6.1' PERCENT RECOVERED: 94 % LENGTH RETAINED : 6.0' BIT SAMPLE CONTAINED ROCK FRAG.	SUPPORT VESSEL: EXMAR II POSITIONING: DGPS TRIMBLE GPS SYSTEM 4000SE LSII TRIMBLE PRO BEACON USCG RECEIVER	<u>WEATHER:</u> WIND: DIR: NW SPEED: 5 - 10 Kt WAVES: DIR: NW HEIGHT 0 - 1 Ft CURRENT: DIR: NORTH SPEED: 1-2 Kt	ANALYSIS BY : MDA ANALYSIS METHOD: VISUAL LOGGING MECHANICAL SIEVE	SAND  ROCK FRAG.  ROCK 	SHELLS FRAG.  SHELL HASH  SILT 	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">ELEV.</th> <th style="width: 10%;">DEPTH</th> <th style="width: 10%;">LEGEND</th> <th style="width: 40%;">DESCRIPTION</th> <th style="width: 10%;">SAMP NO.</th> <th style="width: 20%;">REMARKS</th> </tr> </thead> <tbody> <tr> <td>34.0'</td> <td>0.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>35.5'</td> <td>~</td> <td>~</td> <td>DARK GRAY (5Y 4/1), FINE TO MED. GRAINED SAND W/ SHELL HASH &amp; ROCK GRAINS</td> <td>1</td> <td>0.88 Phi 0.54 mm 2.2 % SILT (SP)</td> </tr> <tr> <td>38.2'</td> <td>2.3 2.5</td> <td>~ A</td> <td>DARK GRAY (5Y 4/1), FINE TO MED. GRAINED SAND W/ SHELL HASH, ROCK GRAINS AND SHELL FRAGMENTS</td> <td>2</td> <td>1.36 Phi 0.39 mm 4.9 % SILT (SP)</td> </tr> <tr> <td>39.5'</td> <td>4.8 5.0</td> <td>~ ~</td> <td>DARK GRAY (5Y 4/1), FINE TO MED. GRAINED SAND W/ SHELL HASH LAYERS</td> <td>3</td> <td>2.21 Phi 0.22 mm 9.4 % SILT (SP - SM)</td> </tr> <tr> <td>41.6'</td> <td>5.7 6.1 6.5</td> <td>I @ I @ I I @ I @ I I @ I @ I</td> <td>WHITE (5Y 8/1), SILT AND ROCK FRAGMENTS</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>X X X X X</td> <td>ROCK</td> <td></td> <td></td> </tr> <tr> <td></td> <td>7.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>10.0</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS	34.0'	0.0					35.5'	~	~	DARK GRAY (5Y 4/1), FINE TO MED. GRAINED SAND W/ SHELL HASH & ROCK GRAINS	1	0.88 Phi 0.54 mm 2.2 % SILT (SP)	38.2'	2.3 2.5	~ A	DARK GRAY (5Y 4/1), FINE TO MED. GRAINED SAND W/ SHELL HASH, ROCK GRAINS AND SHELL FRAGMENTS	2	1.36 Phi 0.39 mm 4.9 % SILT (SP)	39.5'	4.8 5.0	~ ~	DARK GRAY (5Y 4/1), FINE TO MED. GRAINED SAND W/ SHELL HASH LAYERS	3	2.21 Phi 0.22 mm 9.4 % SILT (SP - SM)	41.6'	5.7 6.1 6.5	I @ I @ I I @ I @ I I @ I @ I	WHITE (5Y 8/1), SILT AND ROCK FRAGMENTS					X X X X X	ROCK				7.5						10.0				
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NOTE: MEAN WAS CALCULATED USING MOMENT METHOD  
 NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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