

VIBRACORE LOG						
PROJECT: <u>LONGBOAT KEY BORROW AREA LBK - 7A</u>			CORE NO: <u>LBVC - 39</u>			
<u>COORDINATES:</u>	DATE: <u>AUG 22 1995</u>	WATER DEPTH: <u>37.0 Ft. NGVD</u>				
N = <u>1123476</u>	START TIME: <u>0934</u>	DRILLER: <u>EXMAR</u>				
E = <u>234054</u>	END TIME: <u>0940</u>	CLIENT REP : <u>M. D. ANDREWS</u>				
CORE DIAMETER: <u>2.5"</u>	ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS
LENGTH OF BARREL: <u>12.0'</u>						
PENETRATION DEPTH: <u>8.0'</u>	<u>37.0'</u>	<u>0.0</u>				
LENGTH RECOVERED: <u>7.3'</u>			~			
PERCENT RECOVERED: <u>91 %</u>			~			
LENGTH RETAINED : <u>7.2'</u>			~			
BIT SAMPLE CONTAINED ROCK FRAG.			~			
SUPPORT VESSEL: <u>EXMAR II</u>	<u>38.4'</u>		~	DARK GRAY (5Y 4/1), FINE TO MED. GRAINED SAND W/ SHELL HASH & ROCK GRAINS	<u>1</u>	
POSITIONING: <u>DGPS</u>			~		<u>1.4'</u>	
TRIMBLE GPS SYSTEM 4000SE LSII		<u>2.5</u>	~			
TRIMBLE PRO BEACON USCG RECEIVER		<u>2.7</u>	~			
<u>WEATHER:</u>						
<u>WIND:</u>		<u>42.3'</u>				
DIR : <u>NE</u>				LIGHT GRAY (5Y 7/1), FINE GRAINED SAND	<u>2</u>	
SPEED : <u>0-5 Kt</u>					<u>3.3'</u>	
<u>WAVES:</u>						
DIR : <u>NE</u>						
HEIGHT <u>1-2 Ft</u>		<u>5.0</u>				
<u>CURRENT:</u>						
DIR : <u>NORTH</u>				LIGHT GRAY (5Y 7/1), FINE GRAINED SAND		
SPEED : <u>0-1 Kt</u>						
ANALYSIS BY : <u>MDA</u>		<u>6.6</u>				
		<u>6.8</u>		SILT LAYER		
<u>ANALYSIS METHOD:</u>			^			
VISUAL LOGGING		<u>7.5</u>	@ @	GRAY (5Y 5/1), FINE TO MED. GRAINED SAND W/ SILT AND SHELL & ROCK FRAGMENTS	<u>3</u>	
MECHANICAL SIEVE			@ @		<u>7.3'</u>	
		<u>8.0</u>	@ @			
			@ @			
			X X X	ROCK		
			X X			
		<u>10.0</u>				

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

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