

VIBRACORE LOG							
PROJECT: <u>LONGBOAT KEY BORROW AREA L BK - 6B</u>				CORE NO: <u>LBVC-27</u>			
<u>COORDINATES:</u>		DATE: AUG 20 1995		WATER DEPTH: 36.0 Ft. NGVD			
N = 1118197		START TIME: 1300		DRILLER: EXMAR			
E = 244467		END TIME: 1305		CLIENT REP : M. D. ANDREWS			
CORE DIAMETER: 2.5"		ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS
LENGTH OF BARREL: 12.0'		36.0'	0.0				
PENETRATION DEPTH: 8.0'							
LENGTH RECOVERED: 7.2'							
PERCENT RECOVERED: 90 %							
LENGTH RETAINED : 7.1'							
SUPPORT VESSEL: EXMAR II		37.5' _		~ ~ ~	DARK GRAY (SY 4/1), FINE TO MED. GRAINED SAND W/ SHELL HASH & ROCK GRAINS	_1_ 1.5'	0.80 Phi 0.57 mm 2.2 % SILT (SP)
POSITIONING: DGPS							
TRIMBLE GPS SYSTEM 4000SE LSII			2.5	~ ~ ~			
WEATHER:							
<u>WIND :</u>							
DIR : NW							
SPEED : 5 - 10 Kt							
<u>WAVES :</u>		40.4' _	4.6	~ ~ ~	DARK GRAY (SY 4/1), FINE TO MED. GRAINED SAND W/ SHELL HASH & ROCK GRAINS	_2_ 4.4'	1.11 Phi 0.46 mm 5.4 % SILT (SF-SM)
DIR : NW			5.0	~ ~ ~	GRAY (SY 7/1), FINE TO MED. GRAINED SAND WITH SHELL HASH		
HEIGHT 0 - 1 Ft							
<u>CURRENT :</u>		41.5' _		~ ~ ~		_3_ 5.5'	2.63 Phi 0.16 mm 22.1 % SILT (SS)
DIR : NORTH			6.0	I I I	LIGHT GRAY (SY 6/1), FINE GRAINED SAND WITH SILT		
SPEED : 1-2 Kt							
ANALYSIS BY : MDA		42.9' _		I I I		_4_ 6.9'	2.63 Phi 0.16 mm 26.3 % SILT (SS)
<u>ANALYSIS METHOD:</u>			7.5	I I I			
VISUAL LOGGING							
MECHANICAL SIEVE		44.0' _	8.0	X X X X X	ROCK		
			10.0				

SAND SHELLS FRAG.

ROCK FRAG. SHELL HASH

ROCK SILT

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

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