

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 1

CORE NO: LBVC - 12

COORDINATES: DATE: AUG. 17, 1995

N = 1084115

START TIME: 1622

WATER DEPTH: 31.0 Ft. NGVD

DRILLER: EXMAR

E = 282694

END TIME: 1629

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"	ELEV. (NGVD)	SAND DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS
LENGTH OF BARREL: 12.0'	-31.0'	0.0				
PENETRATION DEPTH: 5.0'						
LENGTH RECOVERED: 4.5'		0.5		GRAY (SY 6/1), FINE GRAINED SAND		
PERCENT RECOVERED: 90 %		1.1		DARK GRAY (SY 4/1), FINE GRAINED SAND W/ SHELL HASH		
LENGTH RETAINED : 4.5'						
BIT SAMPLE CONTAINED ROCK FRAG.	-32.4'			GRAY (SY 6/1), FINE GRAINED SAND	1	2.49 Phi 0.18 mm 3.0 % SILT (SP)
SUPPORT VESSEL: EXMAR II				SHELL HASH LAYER	1.4'	
POSITIONING: DGPS		2.5				
TRIMBLE GPS SYSTEM 4000SE LSII						
TRIMBLE PRO BEACON USCG RECEIVER						
WEATHER:						
WIND:						
DIR: NW						
SPEED: 5-10 Kt						
WAVES:	-35.2'			GRAY (SY 6/1), FINE GRAINED SAND	2	2.33 Phi 0.20 mm 11.5 % SILT (SP - SM)
DIR: NW					4.2'	
HEIGHT 1-2 Ft	-36.0'	5.0				
CURRENT:			X X X	ROCK		
DIR: NORTH			X X			
SPEED: 1-2 Kt						
ANALYSIS BY: MDA						
ANALYSIS METHOD:						
VISUAL LOGGING		7.5				
MECHANICAL SIEVE						
SAND						
SHELLS FRAG.						
ROCK FRAG.						
SHELL HASH						
ROCK		10.0				
SILT						

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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