

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 1

CORE NO: LBVC - 9

COORDINATES: DATE: AUG. 17, 1995

N = 1082593 START TIME: 1711

E = 281930 END TIME: 1718

WATER DEPTH: 30.0 Ft. NGVD

DRILLER: EXMAR

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"	ELEV. (NGVD)	SAND DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS
LENGTH OF BARREL: 12.0'	-30.0'	0.0				
PENETRATION DEPTH: 6.9'						
LENGTH RECOVERED: 6.5'						
PERCENT RECOVERED: 94 %						
LENGTH RETAINED : 6.4'						
BIT SAMPLE CONTAINED ROCK FRAG.						
SUPPORT VESSEL: EXMAR II	-31.8'				1	131 Phi
POSITIONING: DGPS		2.5		DARK GRAY (SY 6/1), FINE TO MED. GRAINED SAND WITH SHELL HASH	1.8'	0.40 mm
TRIMBLE GPS SYSTEM 4000SE LSII						2.2 % SILT (SP)
TRIMBLE PRO BEACON USCG RECEIVER						
WEATHER:						
WIND:						
DIR: NW		3.7		DARK GRAY (SY 6/1), FINE TO MED. GRAINED SAND WITH SHELL HASH		
SPEED: 5-10 Kt						
WAVES:	-34.5'	5.0		GRAY (SY 6/1), FINE GRAINED SAND	2	2.73 Phi
DIR: NW					4.5'	0.15 mm
HEIGHT 1-2 Ft						12.9 % SILT (SS)
CURRENT:		5.4				
DIR: NORTH	-36.0'			GRAY (SY 6/1), FINE TO MED. GRAINED SAND WITH SHELL FRAGMENTS AND SILT	3	0.87 Phi
SPEED: 1-2 Kt					6.0'	0.55 mm
						12.3 % SILT (SS)
ANALYSIS BY: MDA	-36.9'	6.9				
ANALYSIS METHOD:		7.5	X X X	ROCK		
VISUAL LOGGING			X X			
MECHANICAL SIEVE						
		10.0				

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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