

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 1

CORE NO: LBVC - 10

COORDINATES: DATE: AUG. 17, 1995

N = 1083387

START TIME: 1651

WATER DEPTH: 30.0 Ft. NGVD

DRILLER: EXMAR

E = 282652

END TIME: 1658

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:	6.5'						
LENGTH RECOVERED:	6.4'	-31.0'			DARK GRAY (SY 4/1), FINE TO MED. GRAINED SAND WITH SHELL HASH	1 1.0'	1.07 Phi 0.48 mm 4.0 % SILT (SP)
PERCENT RECOVERED:	98 %						
LENGTH RETAINED :	6.4'						
BIT SAMPLE CONTAINED ROCK FRAG.							
SUPPORT VESSEL: EXMAR II							
POSITIONING: DGPS			2.1				
TRIMBLE GPS SYSTEM 4000SE LSII			2.5				
TRIMBLE PRO BEACON USCG RECEIVER					GRAY (SY 6/1), FINE GRAINED SAND		
WEATHER:							
WIND:							
DIR : NW							
SPEED : 5-10 Kt							
WAVES:							
DIR : NW							
HEIGHT 1-2 Ft							
CURRENT:							
DIR : NORTH							
SPEED : 1-2 Kt							
ANALYSIS BY : MDA		-34.0'	5.0			2 4.0'	2.59 Phi 0.17 mm 8.9 % SILT (SP - SM)
ANALYSIS METHOD:							
VISUAL LOGGING							
MECHANICAL SIEVE							
		-36.2'					
		-36.5'	6.5	X X X X X	ROCK	3 6.2'	2.52 Phi 0.17 mm 14.6 % SILT (SS)
			7.5				
			10.0				

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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