

VIBRACORE LOG							
PROJECT: LONGBOAT KEY BORROW AREA LBK - 6A				CORE NO: LBVC - 18			
COORDINATES:		DATE: AUG 20 1995		WATER DEPTH: 35.5 Ft. NGVD			
N = 1122036		START TIME: 1453		DRILLER: EXMAR			
E = 246000		END TIME: 1500		CLIENT REP : M. D. ANDREWS			
CORE DIAMETER:	2.5"	ELEV.	DEPTH	LEGEND	DESCRIPTION	SAMP NO.	REMARKS
LENGTH OF BARREL:	12.0'	35.5'	0.0				
PENETRATION DEPTH:	5.4'						
LENGTH RECOVERED: 5.1' PERCENT RECOVERED: 94 % LENGTH RETAINED : 5.1' BIT SAMPLE CONTAINED ROCK FRAG.		36.5' _			GRAY (SY 6/1), FINE TO MED. GRAINED SAND WITH SILT SHELL HASH, ROCK GRAINS AND SHELL FRAGMENTS	_1 1.0'	0.53 Phi 0.69 mm 2.9 % SILT (SP)
SUPPORT VESSEL: EXMAR II			1.9				
POSITIONING: DGPS TRIMBLE GPS SYSTEM 4000SE LSII TRIMBLE PRO BEACON USCG RECEIVER			2.5				
WEATHER:		38.5' _			GRAY (SY 5/1), FINE TO MED. GRAINED SAND WITH SILT AND SHELL HASH	_2 3.0'	1.12 Phi 0.46 mm 13.0 % SILT (SS)
WIND: DIR : NW SPEED : 5 - 10 Kt			3.8				
WAVES: DIR : NW HEIGHT 0-1 Ft		40.0' _			GRAY (SY 6/1), FINE GRAINED SAND WITH SILT	_3 4.5'	2.43 Phi 0.19 mm 3.2 % SILT (SP)
CURRENT:			5.0		GRAY (SY 6/1), FINE TO MED. GRAINED SAND WITH SILT AND ROCK FRAGMENTS		
DIR : NORTH SPEED : 1-2 Kt		41.9' _	5.4		ROCK		
ANALYSIS BY : MDA							
ANALYSIS METHOD: VISUAL LOGGING MECHANICAL SIEVE			7.5				
			10.0				

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