

# VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 5A

CORE NO: LBVC - 50

COORDINATES: DATE: AUG 19 1995

WATER DEPTH: 36.0 Ft. NGVD

N = 1111498 START TIME: 1423

DRILLER: EXMAR

E = 241385 END TIME: 1432

CLIENT REP : M. D. ANDREWS

CORE DIAMETER: 2.5"

ELEV.  
(NGVD)

SAND  
DEPTH

LEGEND

DESCRIPTION

SAMP  
NO.

REMARKS

LENGTH OF BARREL: 12.0'

PENETRATION DEPTH: 7.2'

LENGTH RECOVERED: 5.8'

PERCENT RECOVERED: 81 %

LENGTH RETAINED : 5.8'

BIT SAMPLE CONTAINED ROCK FRAG.

SUPPORT VESSEL: EXMAR II

POSITIONING: DGPS

TRIMBLE GPS SYSTEM 4000SE LSII

TRIMBLE PRO BEACON USCG RECEIVER

WEATHER:

WIND:

DIR: NORTH  
SPEED: 0-5 Kt

WAVES:

DIR: NORTH  
HEIGHT 1-2 Ft

CURRENT:

DIR: NORTH  
SPEED: 1-2 Kt

ANALYSIS BY: MDA

ANALYSIS METHOD:  
VISUAL LOGGING  
MECHANICAL SIEVE



-36.0'

0.0

-38.0'

2.5

-41.3'

5.0

-42.8'

6.2

-43.2'

7.2

7.5

10.0

DARK GRAY (5Y 4/1), FINE TO  
MED. GRAINED SAND WITH  
SHELL HASH & ROCK GRAINS

DARK GRAY (5Y 4/1), FINE TO  
MED. GRAINED SAND WITH  
SHELL HASH & ROCK GRAINS

LIGHT GRAY (5Y 7/1), FINE  
GRAINED SAND

GRAY (5Y 6/1), FINE GRAINED  
SAND WITH SILT

ROCK FRAGMENT

ROCK

1

2.0'

2

5.3'

3

6.8'

0.66 Phi  
0.63 mm  
2.8 % SILT  
(SP)

2.80 Phi  
0.14 mm  
9.0 % SILT  
(SP - SM)

1.50 Phi  
0.35 mm  
22.0 % SILT  
(SS)

NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

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