

VIBRACORE LOG

PROJECT: LONGBOAT KEY BORROW AREA LBK - 5A

CORE NO: LBVC - 52

COORDINATES: DATE: AUG 19 1995

WATER DEPTH: 36.0 Ft. NGVD

N = 1111958 START TIME: 1423

DRILLER: EXMAR

E = 240669 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'

-36.0'

0.0

PENETRATION DEPTH: 8.5'

LENGTH RECOVERED: 5.9'

PERCENT RECOVERED: 69 %

LENGTH RETAINED : 5.9'

SUPPORT VESSEL: EXMAR II

-38.0'

POSITIONING: DGPS

TRIMBLE GPS SYSTEM 4000SE LSI

TRIMBLE PRO BEACON USCG RECEIVER

WEATHER:

WIND:

DIR: VAR

SPEED: 0 - 5 Kt

WAVES:

DIR: NORTH

HEIGHT 1 - 2 Ft

CURRENT:

DIR: NORTH

SPEED: 1 - 2 Kt

-41.3'

4.9

SHELL FRAGMENT 2.0 cm

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

-41.3'

5.9

LIGHT GRAY (SY 7/1), FINE
GRAINED SAND

-44.5'

8.5

X X X
X X

ROCK

-44.5'

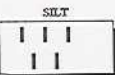
10.0

ANALYSIS BY : MDA

ANALYSIS METHOD:

VISUAL LOGGING

MECHANICAL SIEVE



NOTE: MEAN WAS CALCULATED USING MOMENT METHOD

NOTE: COORDINATE SYSTEM - FLORIDA STATE PLANE NAD 1927

COASTAL PLANNING & ENGINEERING, INC