

### **Summary of Vibracore 39**

This short vibracore sampled a sedimentary section rich in corals, coral fragments, and coralline algal nodules. The corals are most abundant in the upper 2 feet of the core. Large biogenic fragments (coral, coralline alga, molluscs, etc.) are floating in a matrix of primarily carbonate sediment that ranges from coarse sand to clay size. In general, the grain size decreases down-core. Characteristics of the upper half of this vibracore describe a modern coral/algal reef or hardground assemblage.

# LITHOLOGIC LOG

Vibracore 39 00 #1

DEPTH  
FEET

0

1

2

3

4

5

6

7

8

GRAVEL

COARSE SAND

MEDIUM SAND

FINE SAND

SILT

CLAY

LIME  
MUD  
PRESENT

CROSS BED.

RIPPLE-BED.

PARALLEL BED.

INCLINED BED.

MASSIVE BED.

DISTORTED BED.

BURROWING

SHELL

ORGANICS

DIAGENETIC INCL.

NORMAL GRAD.

REVERSE GRAD.

CORAL/ALGAL

RADIOGRAPH

CORE SECTION

sec  
1

sec  
2

COMPACTION = 22 inches