

VIBRACORE LOG

HOLE NO. A-3

PROJECT: POMPANO BEACH

LOCATION

X= 697075

Y= 803030

DATE

STARTED

1/8/81

COMPLETED

1/8/81

CORE DIAMETER: 2 5/8"

DATUM FOR ELEVATION: N.G.V.D.

DEPTH OF PENETRATION: 20'

DEPTH OF WATER: 41.5'

DEPTH DRILLED INTO ROCK: 0

DRILLER: M. CLARKE, EXMAR

LENGTH RECOVERED: 16'1"

GEOLOGIST: HAROLD WANLESS

ELEV.	DEPTH	LEGEND	DESCRIPTION OF MATERIAL	SAMP. NO.	REMARKS
	0.7'		Dark gray carbonate sand. Quartz percentage decreases downward from 20% to 0%. Carbonate grains coarsen downward; quartz size stays essentially constant	A-3 (0-80)	Rapid penetration
	2.6'		Dark gray carbonate sand. Quartz 5%. Coral rock concentration from 8.7 - 12.6 in. Large coral and shell fragments (average 1.2 in. dia.) throughout section.		
			Yellow gray quartz & carbonate sand. Quartz percentage increases downward from 20% to 90%. Carbonate grains fine downward. Shells abundant throughout (average dia. 0.1 in.) Several large shells (0.8 in.)		
	14.6'				
	15.9'				
			Cream carbonate sand. Quartz 5%. Rock concentration from 14.8'.		