

VIBRACORE LOG

HOLE NO. A-5

PROJECT: POMPANO BEACH

LOCATION		DATE		STARTED	COMPLETED
X= 695450 Y= 803067				1/8/81	1/8/81
CORE DIAMETER: 2 5/8"			DATUM FOR ELEVATION: N.G.V.D.		
DEPTH OF PENETRATION: 18'			DEPTH OF WATER: 40'		
DEPTH DRILLED INTO ROCK: 0			DRILLER: M. CLARKE, EXMAR		
LENGTH RECOVERED: 12'5"			GEOLOGIST: HAROLD WANLESS		
ELEV.	DEPTH	LEGEND	DESCRIPTION OF MATERIAL	SAMP. NO.	REMARKS
	1.6'		Medium dark gray carbonate sand with approximately 30% quartz. Constant grain size throughout section	A-5 (0-48)	Rapid penetration to 17 feet, very slow to 18 feet, vibrated at 18+ without further penetration.
	4.7'		Shell fragments and coral rock concentration in greenish gray carbonate sand. Quartz approximately 10%.	A-5 (48-142)	
	11.8'		Yellow gray colored carbonate sand with approximately 10% quartz coarsening downward somewhat over the last 1.3' of the section. Downward color transition to cream. Coralline rock in last 1.3'.	A-5 (142-358)	
	12.4'		Coralline rock fragments and shells in carbonate sand with about 20% quartz peat at bottom of core.		
			Bit sample: Peat, rock fragments and approximately 15% sand. Quartz approximately 75%.		