

DRILLING LOG		DIVISION Corps of Engineers		INSTALLATION Jacksonville, Fla.		Hole No. 12-12-4 SHEET 1 OF 1 SHEETS 1	
1 PROJECT Beach Erosion Study, Jupiter Island				10 SIZE AND TYPE OF BIT see remarks			
2 LOCATION (Coordinates or Station)				11 DATUM FOR ELEVATION SHOWN (TBM or MSL) M.L.W.			
3 DRILLING AGENCY Corps of Engineers				12 MANUFACTURER'S DESIGNATION OF DRILL Sprague & Henwood 40C			
4 HOLE NO. (As shown on drawing title and file number) CB-JP-4				13 TOTAL NO. OF OVERBURDEN SAMPLES TAKEN DISTURBED UNDISTURBED			
5 NAME OF DRILLER E. S. Hayes				14 TOTAL NUMBER CORE BOXES 1/2			
6 DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED DRO. FROM VERT.				15 ELEVATION GROUND WATER tidal			
7 THICKNESS OF OVERBURDEN				16 DATE HOLE STARTED 11/3/64 COMPLETED 11/3/64			
8 DEPTH DRILLED INTO ROCK				17 ELEVATION TOP OF HOLE -3.7			
9 TOTAL DEPTH OF HOLE 43.3'				18 TOTAL CORE RECOVERY FOR BORING 81 %			
				19 SIGNATURE OF DRILLER Geologist: K. P. Hess			
ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	% CORE RECOVERY	SAMPLE NO.	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant)	
-3.7	0.0					Bit & Barrel Els/ft. -3.7	
			SAND, medium, quartz, brown, (SP)	100	1	2" I.D. Spoon Jetted -7.0	
				100	2	" " 3 3 3 5 4 -12.0	
				60	3	" " Settled 1 1/2 1/2 -17.0	
-18.2	14.5		COQUINA, 70 to 80% consolidated, medium hard.			" " 1 18	
-19.1	15.4			79	4	15 16 14 21 26 25 30 28 26 70 31 22 20 24 52 33 10 7 5 1 7 28 9 10 6 43 53 10 -47.0	
-20.4	16.7		SAND, medium, quartz 30 to 40% coquina fragments, white (SP)			-22.0	
-23.1	19.4		COQUINA, 70 to 80% consolidated medium hard	100	5	" " 21 26 25 30 28 26 70 31 22 20 24 52 33 10 7 5 1 7 28 9 10 6 43 53 10 -47.0	
			SAND, fine quartz 15 to 35% sandstone fragments, silty, (SM) sandstone layer from -28.2 to -28.5	100	5	-27.0	
				75	6	" " 26 70 31 22 20 24 52 33 10 7 5 1 7 28 9 10 6 43 53 10 -47.0	
33.4	29.7					-32.0	
			COQUINA, medium hard, light gray	60		" " 24 52 33 10 7 5 1 7 28 9 10 6 43 53 10 -47.0	
-40.8	37.1			95		-37.0	
-43.2	39.5		SAND, fine quartz, thin lenses of coquina (SP)			" " 5 1 7 28 9 10 6 43 53 10 -47.0	
			COQUINA, medium hard, gray	68		-42.0	
-47.0	43.3					" " 6 43 53 10 -47.0	
						300# hammer with 18" drop used on 2" I.D. spoon	

ENG FORM 1836
1 APR 63

PREVIOUS EDITIONS MAY BE USED (EM 1110-1-1801)
GPO 1963 OF-712-275

PROJECT BEACH EROSION STUDY
JUPITER ISLAND

HOLE NO.
CB-JP-4