

DEPARTMENT OF THE ARMY DIVISION <u>Corps of Engineers</u> INSTALLATION <u>Jacksonville, Florida</u>				HOLE NO. <u>CB-JP-1</u>		PROJECT <u>BEACH EROSION STUDY</u>		SHEET <u>1</u> OF <u>1</u>	
DRILLING LOG				2- LOCATION (Coordinates or Station) <u>Jupiter Island</u>		3- DRILLING AGENCY <u>Corps of Engineers</u>			
4- HOLE NO. (as shown on drawing title and file no.) <u>CB-JP-1</u>				5- NAME OF DRILLER <u>F.S. Hayes</u>					
6- DIRECTION OF HOLE <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED <input type="checkbox"/> DEGREES WITH VERTICAL				7- THICKNESS OF OVERBURDEN		8- DEPTH DRILLED INTO ROCK		9- TOTAL DEPTH OF HOLE <u>39.3</u>	
10- SIZE AND TYPE OF BIT <u>see remarks</u>				11- DATUM FOR ELEVATION SHOWN (TBM or MSL) <u>MLW</u>		12- MANUFACTURER'S DESIGNATION OF DRILL <u>Sprague & Henwood 142</u>			
13- TOTAL NO. OF OVERBURDEN SAMPLES TAKEN <u>UNDISTURBED</u>				14- TOTAL NO. CORE <u>BOILS 1/2</u>		15- ELEV. GROUND WATER TIDAL		16- DATE MOLE <u>10/31/64</u>	
17- ELEV. TOP OF MOLE <u>-0.6</u>				18- TOTAL CORE RECOVERY FOR BORING (%) <u>65%</u>		19- SIGNATURE OF INSPECTOR <u>Geologist: K.P. Hess</u>			
ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	NO. CORE RECOVERY	SAMPLE NO.	REMARKS (drilling time, water loss, depth of weathering, etc., if significant)			
-0.6	0.0					Bit & Barrel	Bls/Ft.		
-1.7	1.1		SAND, silty, very fine (SM)	30	1	-0.6	2" I.D. Spoon	Settled	
			SAND, very fine quartz, very fine shell 10 to 15%, trace of fines (SP)	68	2	-3.6	"		
-9.1	8.5		SAND, very fine 15 to 25% calcareous silt 10 to 15% large to small shell fragments (SM)	75	3	-8.6	"		
-10.8	10.2		SAND, medium quartz, clean light brown (SP)	82	4	-13.6	"		
			very fine quartz from -32.8 to -39.6	90	5	-18.6	"		
				75	6	-23.6	"		
				43	7	-28.6	"		
				62	8	-33.6	"		
-39.6	38.0					-38.6	"		
-39.9	38.3		COQUINA, hard	0		-39.9	"		
			Location 300' South of C, Marker No. 57, 100' west of East Bank of IWW. Drilled in 1.8' of water at about midtide.					300# Hammer with 18" Drop used on 2" I.D. Spoon	

ENG FORM 1 MAR 61 1836

(EN 1110-1-1801)
TRANSLUCENT

PREVIOUS EDITION MAY BE USED
UNTIL EXHAUSTED.

PROJECT Beach Erosion Study
Jupiter Island

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