

## GAHAGAN &amp; BRYANT ASSOCIATES

## LOG OF BORING

PROJECT: JUPITER ISLAND

BORING LOCATION: X= 804,528

Y= 974,605

BORING NO.: 16

DATE: May 18, 1989

DRILLING CO.: Exmar

ELEVATION TOP OF HOLE: 58.8

DRILLING RIG: Ocean Explorer

DATUM: MLW

DRILL DESIGNATION: Vibracore

TOTAL DEPTH OF HOLE: 4.0

CORE DIAMETER: 3"

LENGTH RECOVERED: 3.7

INSPECTOR: C. Bryant

ELEVATION	DEPTH IN FEET	LEGEND	MATERIAL DESCRIPTION	SAMPLE NUMBER	REMARKS
58.8	0				
	1		SAND, gray, medium to coarse, shell sand with quartz. (SP)		70% crushed shell.
	2			16A	
62.5	3				Some shell fragments. (1"-1.5")
	4	I.C.I	SAND, tan, very shelly, silty.		Cemented sand and shell, friable.
	5				
	6				
	7				
	8				
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	10				
	11				
	12				
	13				
	14				
	15				
	16				
	17				
	18				
	19				
	20				

## GAHAGAN AND BRYANT ASSOCIATES, INC

## SIEVE ANALYSIS DATA

SAMPLE: 16A

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 16

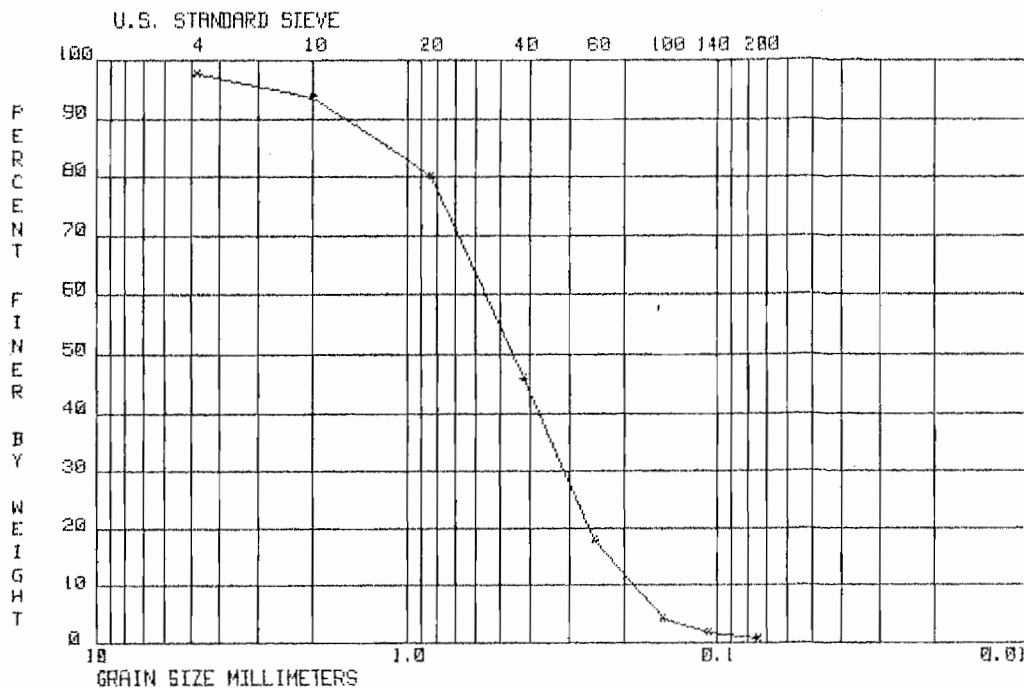
ANALYST: HAMBY

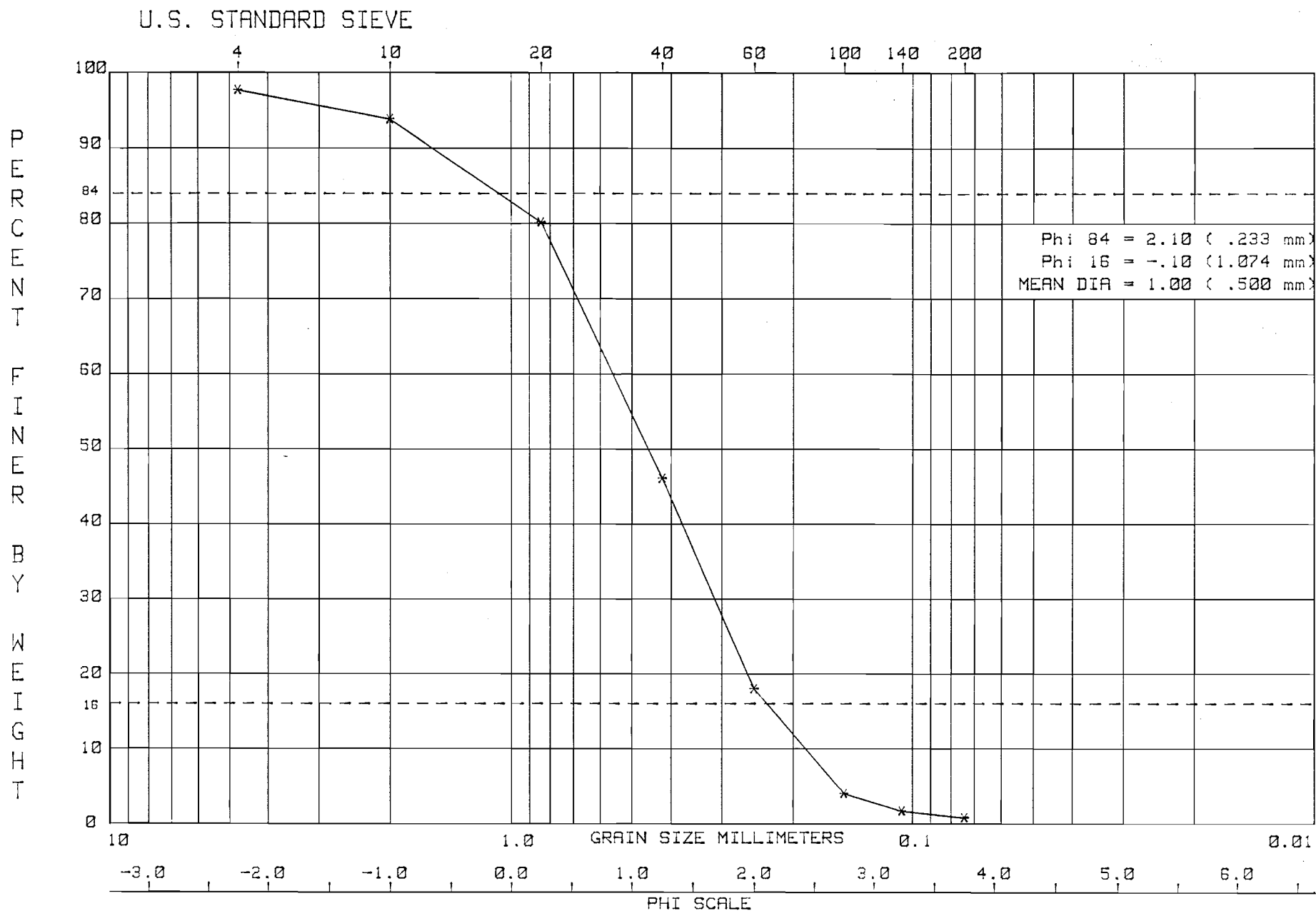
DEPTH (FT.): 0.0-3.7

ESTIMATED PERCENT OF SHELL: 70%

WEIGHT (grams) OF WHOLE SAMPLE (DRY): 200.30

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	4.70	2.35	2.35	97.65	SHELL FRAGS, GRAY
10	7.70	3.84	6.19	93.81	SHELL FRAGS, GRAY
20	27.40	13.68	19.87	80.13	SHELL, GRAY
40	68.30	34.10	53.97	46.03	SHELL/SAND, GRAY
60	56.30	28.11	82.08	17.92	SHELL/SAND, GRAY
100	27.90	13.93	96.01	3.99	SAND, GRAY
140	4.70	2.35	98.35	1.65	SAND, GRAY
200	1.80	.90	99.25	.75	SAND, GRAY
PAN	.70	.35	99.60		SILT, GRAY





JUPITER ISLAND, MAY 89  
SAMPLE: 16A

BORING NO. : 16  
DEPTH (FT): 0.0-3.7