

GAHAGAN & BRYANT ASSOCIATES

LOG OF BORING

PROJECT: JUPITER ISLAND

BORING LOCATION: X= 807,385

Y= 975,519

BORING NO.: 2

DATE: May 16, 1989

DRILLING CO.: Exmar

ELEVATION TOP OF HOLE: 53.9

DRILLING RIG: Ocean Explorer

DATUM: MLW

DRILL DESIGNATION: Vibracore

TOTAL DEPTH OF HOLE: 19.5

CORE DIAMETER: 3"

LENGTH RECOVERED: 16.1

INSPECTOR: C. Bryant

ELEVATION	DEPTH IN FEET	LEGEND	MATERIAL DESCRIPTION	SAMPLE NUMBER	REMARKS
53.9	0				
	1		SAND, gray, medium, shell sand with quartz. (SP)	2A	60% crushed shell.
55.7	2		SAND, lt. gray, medium to coarse shell. (SP)		60% crushed shell.
	3				
	4				
	5				
	6				
	7			2B	Some large shell fragments. (1"-1.5")
	8				
	9				
	10				
	11				
65.9	12				
	13		SAND, lt. gray, very fine to coarse, fine to medium quartz, coarse shell. (SP)	2C	60% crushed shell.
	14				
	15				
70.0	16				
	17				
	18				
	19				
	20				

GAHAGAN AND BRYANT ASSOCIATES, INC

SIEVE ANALYSIS DATA

SAMPLE: ZA

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 2

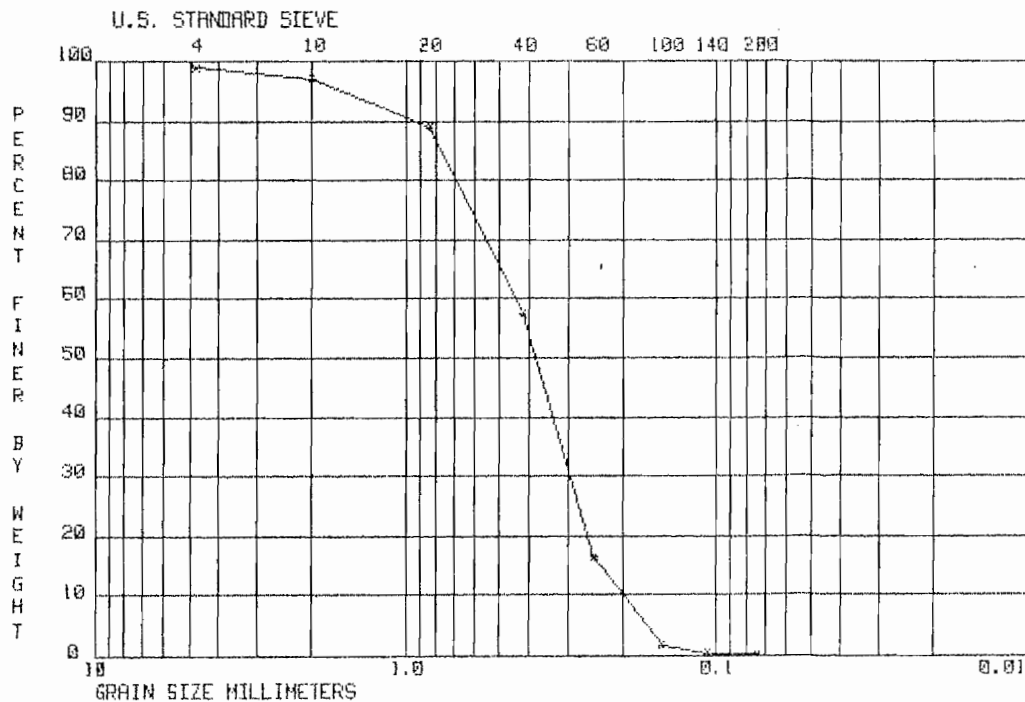
ANALYST: HAMBY

DEPTH (FT.): 0.0-1.8

ESTIMATED PERCENT OF SHELL: 60%

WEIGHT (grams) OF WHOLE SAMPLE (DRY): 200.00

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	2.20	1.10	1.10	98.90	SHELL FRAGS, WHITE-GRAY
10	3.80	1.90	3.00	97.00	SHELL FRAGS, WHITE-GRAY
20	16.30	8.15	11.15	88.85	SHELL, GRAY
40	62.90	31.45	42.60	57.40	SHELL/SAND, GRAY
60	82.00	41.00	83.60	16.40	SAND/SHELL
100	29.40	14.70	98.30	1.70	SAND, GRAY
140	2.80	1.40	99.70	.30	SAND, GRAY
200	.30	.15	99.85	.15	SAND, GRAY
PAN	.20	.10	99.95		SILT, GRAY



GAHAGAN AND BRYANT ASSOCIATES, INC

SIEVE ANALYSIS DATA

SAMPLE: 2B

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 2

ANALYST: HAMBY

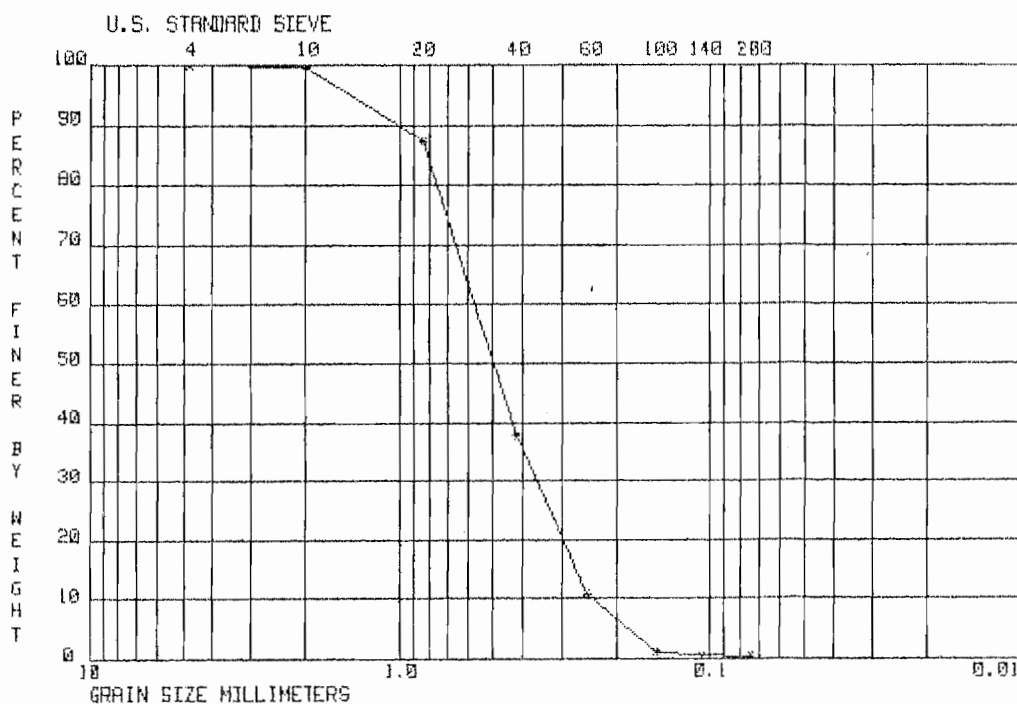
DEPTH (FT.): 1.8-12.0

ESTIMATED PERCENT OF SHELL: 60%

WEIGHT (grams) OF WHOLE SAMPLE (DRY): 200.40

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
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4	0.00	0.00	0.00	100.00	
10	.40	.20	.20	99.80	SHELL FRAGS, LT. GRAY
20	25.20	12.57	12.77	87.23	SHELL FRAGS, LT. GRAY
40	99.20	49.50	62.28	37.72	SHELL/SAND, GRAY
60	54.00	26.95	89.22	10.78	SAND/SHELL, GRAY
100	19.40	9.68	98.90	1.10	SAND, GRAY
140	1.20	.60	99.50	.50	SAND, GRAY
200	.50	.25	99.75	.25	SAND, GRAY
PAN	.20	.10	99.85		SILT, GRAY



GAHAGAN AND BRYANT ASSOCIATES, INC

SIEVE ANALYSIS DATA

SAMPLE: 2C

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 2

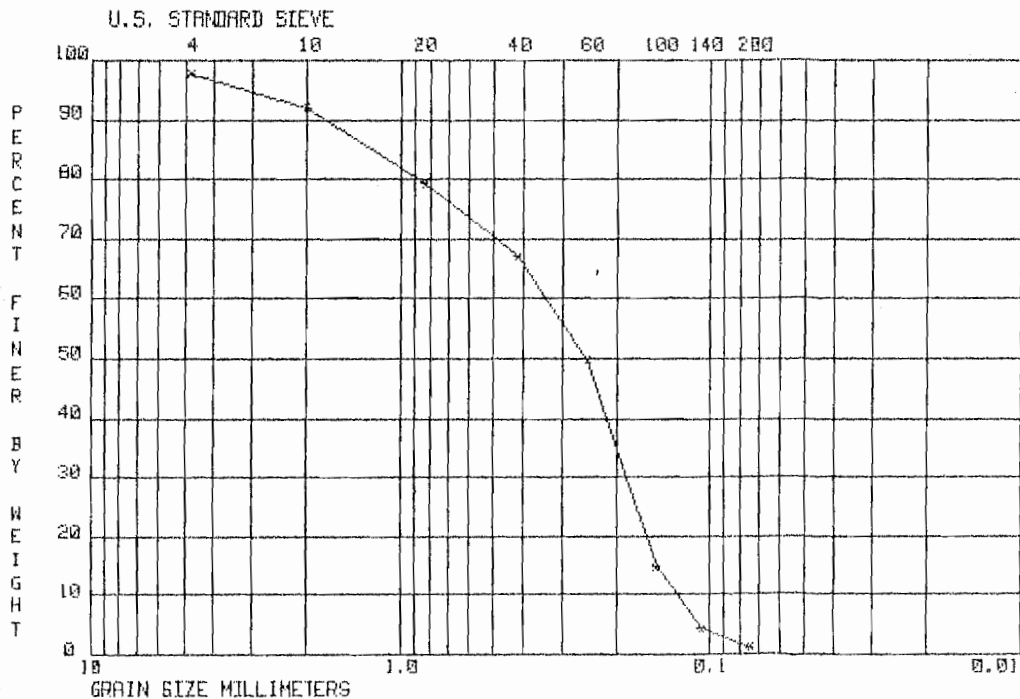
ANALYST: HAMBY

DEPTH (FT.): 12.0-16.1

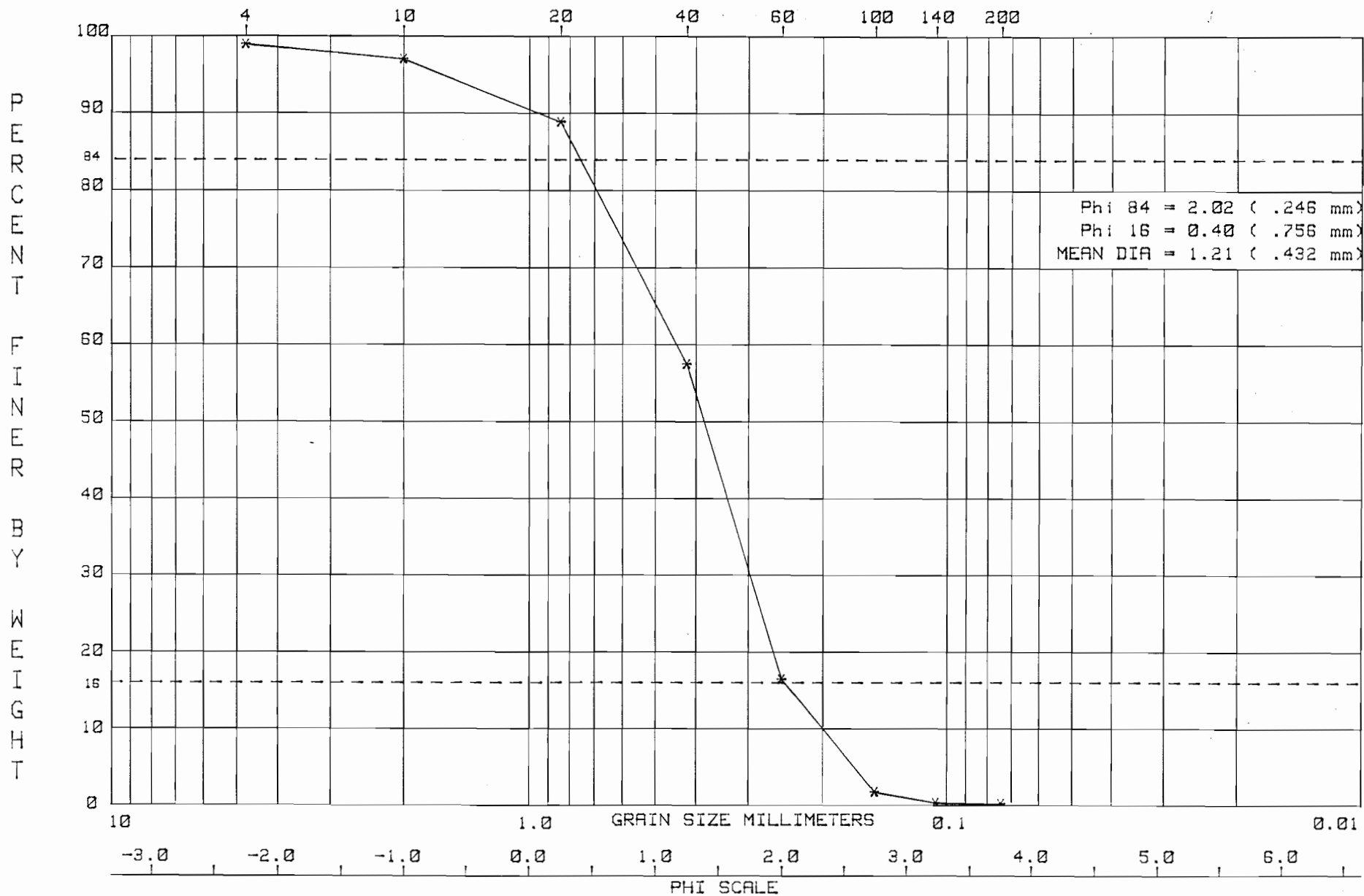
ESTIMATED PERCENT OF SHELL: 60%

WEIGHT (grams) OF WHOLE SAMPLE (DRY): 200.40

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	4.60	2.30	2.30	97.70	SHELL FRAGS, WHITE-GRAY
10	11.40	5.69	7.98	92.02	SHELL FRAGS, LT. GRAY
20	25.50	12.72	20.71	79.29	SHELL, GRAY
40	24.40	12.18	32.88	67.12	SHELL/SAND, GRAY
60	34.70	17.32	50.20	49.80	SAND/SHELL, GRAY
100	70.30	35.08	85.28	14.72	SAND, GRAY
140	21.10	10.53	95.81	4.19	SAND, GRAY
200	6.30	3.14	98.95	1.05	SAND, GRAY
PAN	1.50	.75	99.70		SILT, GRAY



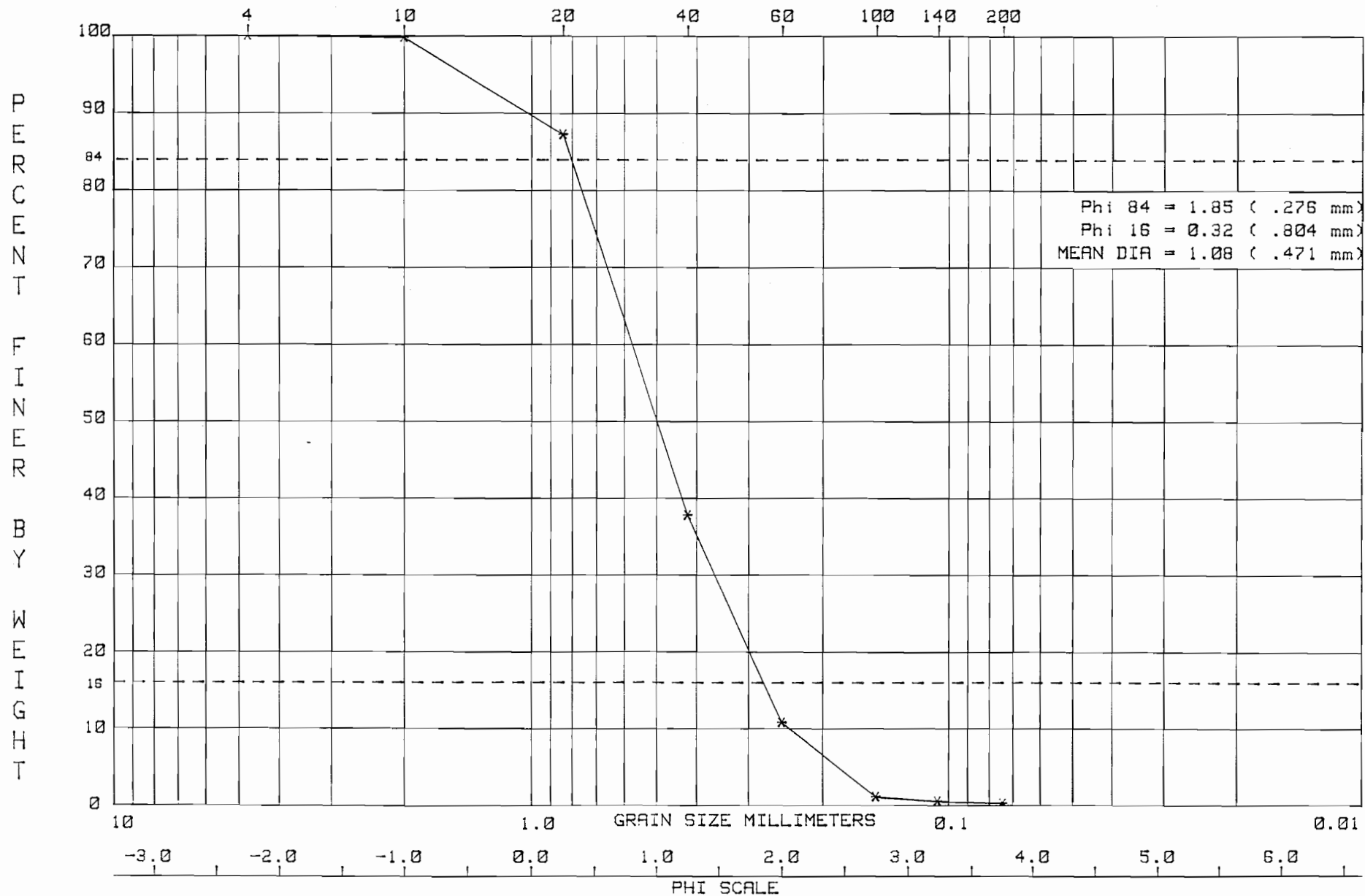
U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89
 SAMPLE: 2A

BORING NO. : 2
 DEPTH (FT): 0.0-1.8

U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89
SAMPLE: 2B

BORING NO. : 2
DEPTH (FT): 1.8-12.0

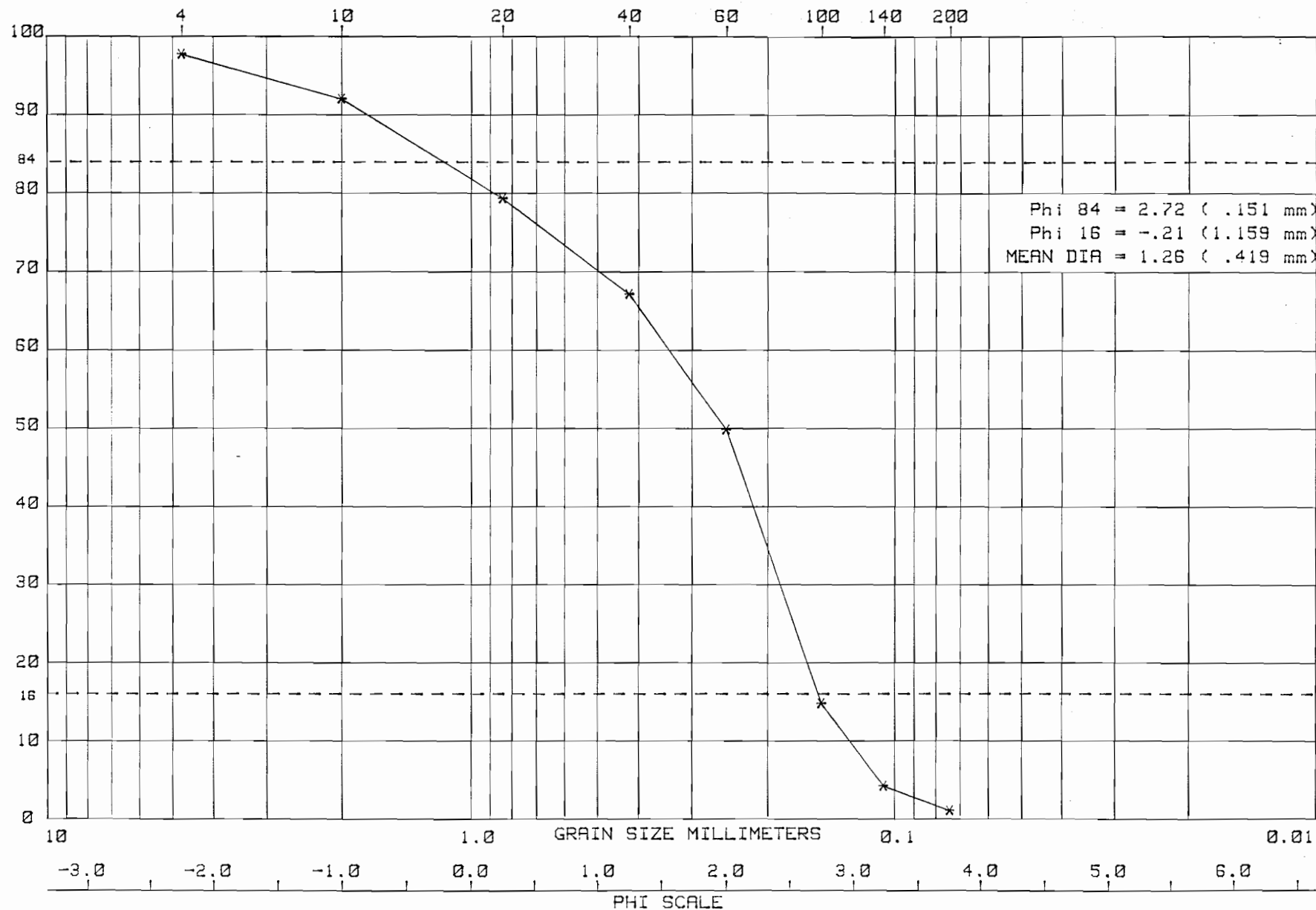
U.S. STANDARD SIEVE

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JUPITER ISLAND, MAY 89
 SAMPLE: 2C

BORING NO. : 2
 DEPTH (FT): 12.0-16.1