

## GAHAGAN AND BRYANT ASSOCIATES, INC

## SIEVE ANALYSIS DATA

SAMPLE: 18A

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 18

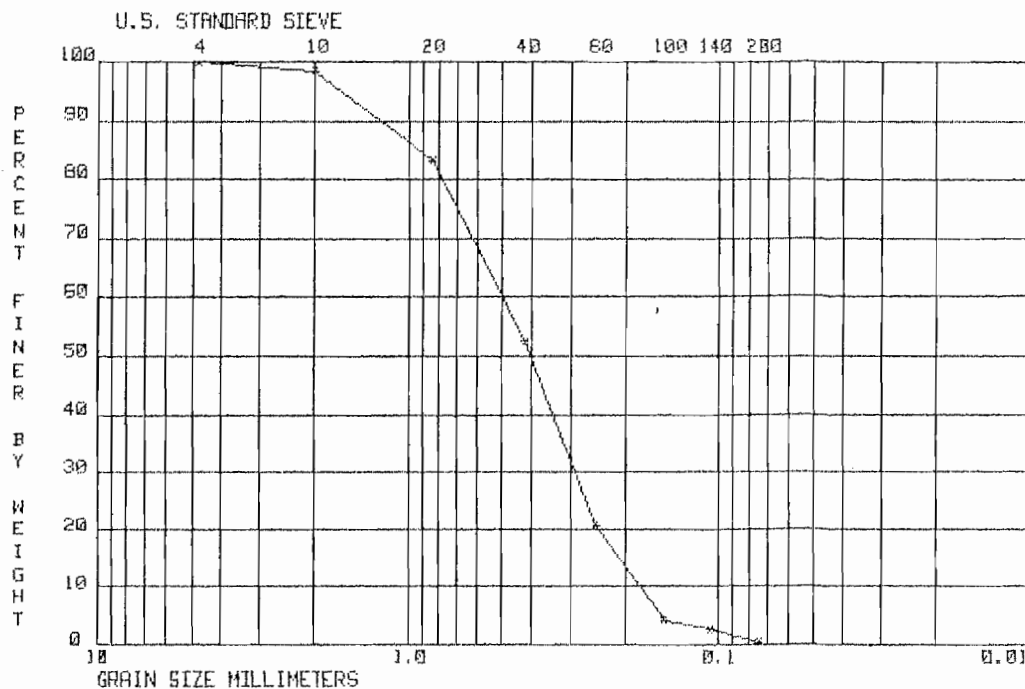
ANALYST: HAMBY

DEPTH (FT.): 0.0-2.9

ESTIMATED PERCENT OF SHELL: 85%

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

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	.10	.05	.05	99.95	SHELL
10	3.20	1.60	1.65	98.35	SHELL, GRAY
20	30.30	15.13	16.77	83.23	SHELL, GRAY
40	61.50	30.70	47.48	52.52	SHELL, GRAY
60	63.80	31.85	79.33	20.67	SHELL, GRAY
100	33.40	16.67	96.01	3.99	SAND/SHELL, GRAY
140	3.00	1.50	97.50	2.50	SAND, GRAY
200	4.30	2.15	99.65	.35	SAND, GRAY
PAN	.60	.30	99.95		SILT, GRAY



## GAHAGAN AND BRYANT ASSOCIATES, INC

## SIEVE ANALYSIS DATA

SAMPLE: 18B

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 18

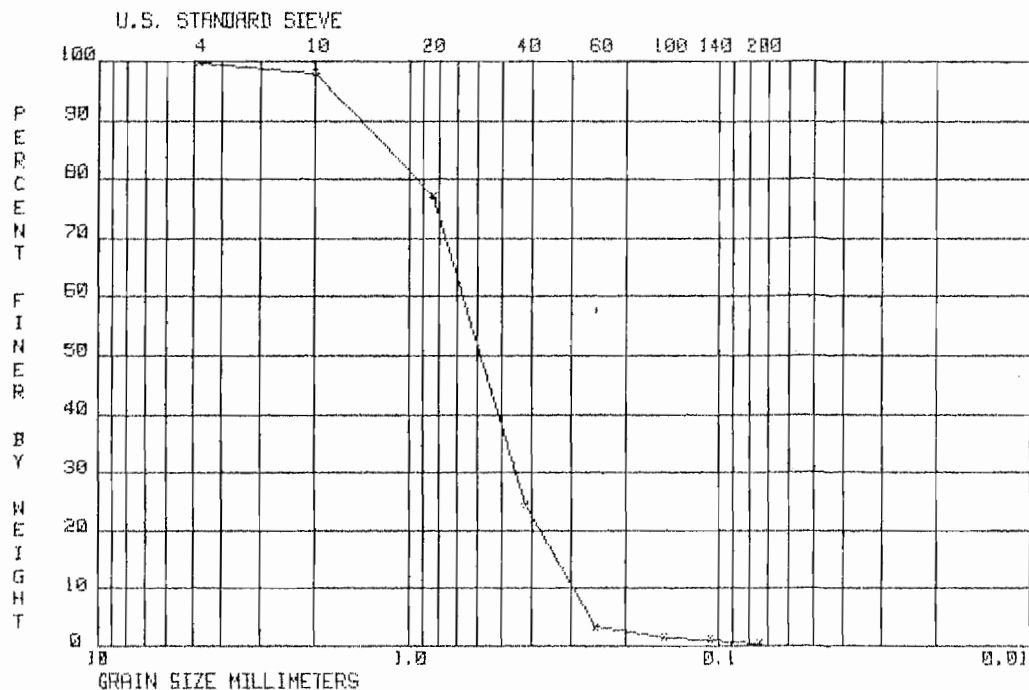
ANALYST: HAMBY

DEPTH (FT.): 2.9-6.5

ESTIMATED PERCENT OF SHELL: 90%

WEIGHT (grams) OF WHOLE SAMPLE (DRY): 200.20

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	.20	.10	.10	99.90	SHELL FRAGS, TAN
10	3.80	1.90	2.00	98.00	SHELL FRAGS, TAN
20	42.00	20.98	22.98	77.02	SHELL, TAN
40	105.30	52.60	75.57	24.43	SHELL, TAN
60	42.50	21.23	96.80	3.20	SHELL, TAN
100	3.80	1.90	98.70	1.30	SAND GRAY/TAN
140	.70	.35	99.05	.95	SAND GRAY
200	1.30	.65	99.70	.30	SAND, GRAY
PAN	.50	.25	99.95		SILT, GRAY



## GAHAGAN AND BRYANT ASSOCIATES, INC

## SIEVE ANALYSIS DATA

SAMPLE: 18C

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 18

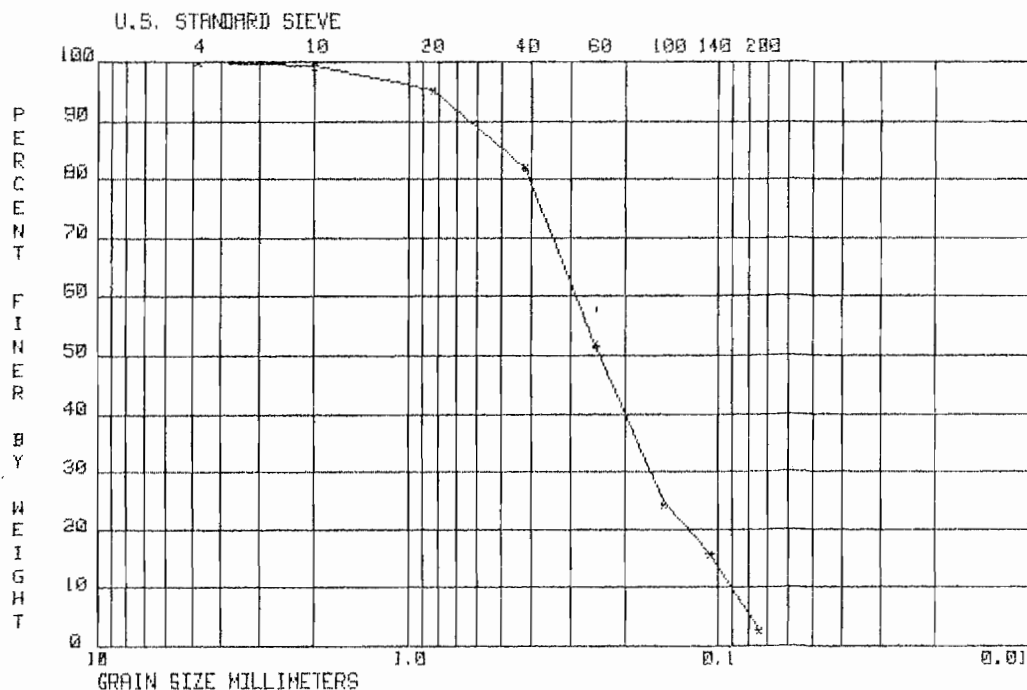
ANALYST: HAMBY

DEPTH (FT.): 6.5-12.5

ESTIMATED PERCENT OF SHELL: 60%

WEIGHT (grams) OF WHOLE SAMPLE (DRY): 200.50

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	0.00	0.00	0.00	100.00	
10	1.40	.70	.70	99.30	SHELL, GRAY
20	8.20	4.09	4.79	95.21	SHELL, GRAY
40	27.00	13.47	18.25	81.75	SHELL GRAY
60	60.30	30.07	48.33	51.67	SHELL/SAND, GRAY
100	55.10	27.48	75.81	24.19	SAND, GRAY
140	17.00	8.48	84.29	15.71	SAND, GRAY
200	26.40	13.17	97.46	2.54	SAND, GRAY
PAN	5.00	2.49	99.95		SILT, GRAY



## GAHAGAN AND BRYANT ASSOCIATES, INC

## SIEVE ANALYSIS DATA

SAMPLE: 180

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 18

ANALYST: HAMBY

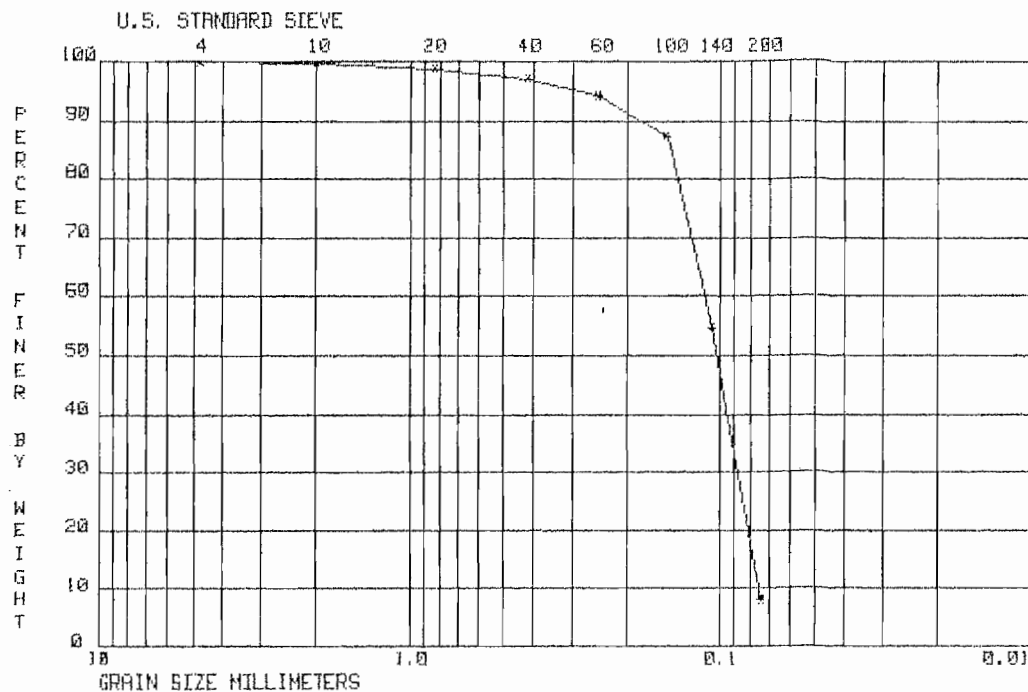
DEPTH (FT.): 12.5-16.7

ESTIMATED PERCENT OF SHELL: 2 %

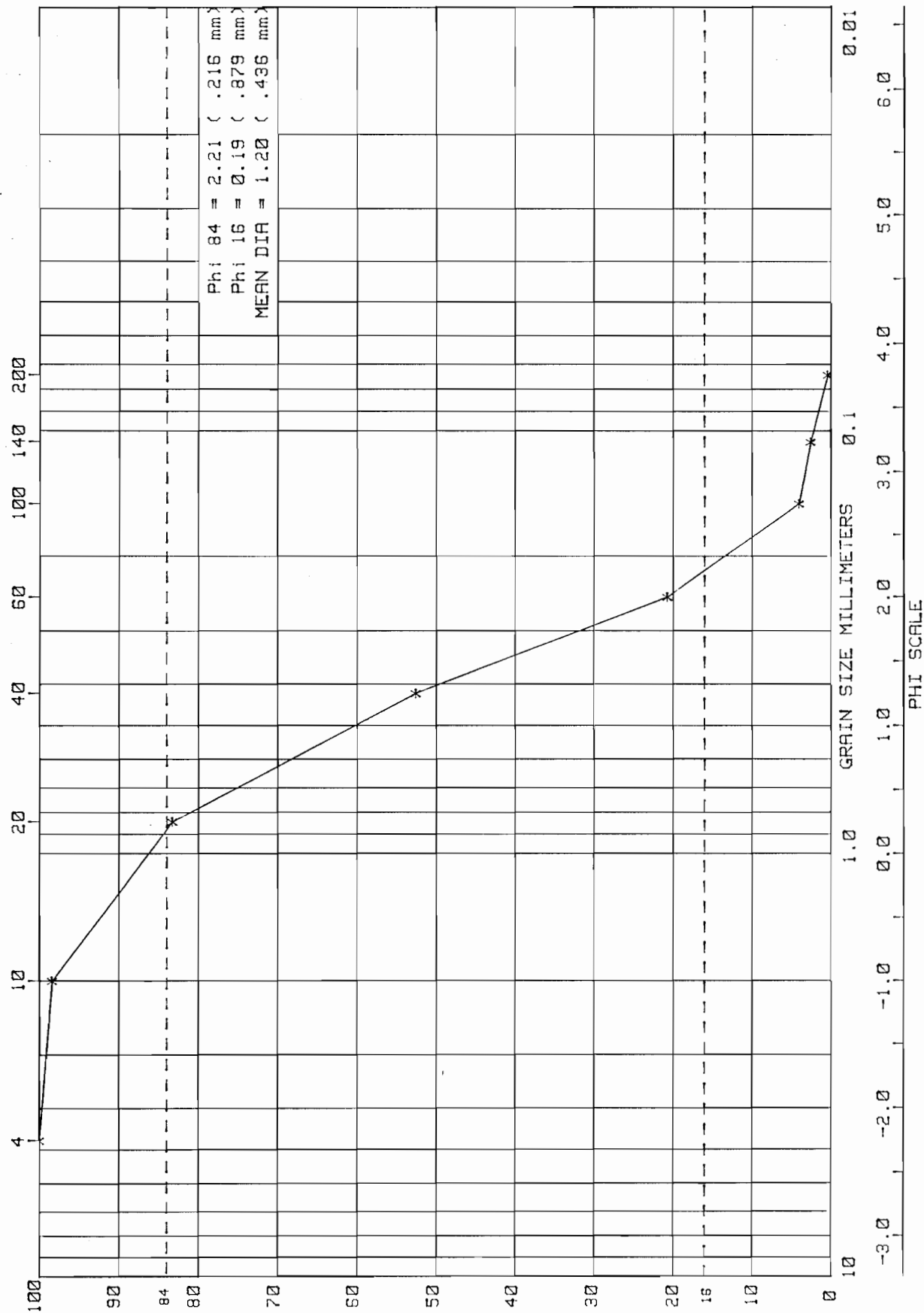
WEIGHT (grams) OF WHOLE SAMPLE (DRY): 200.10

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	.20	.10	.10	99.90	GRAVEL
20	2.20	1.10	1.20	98.80	SHELL, GRAY
40	3.50	1.75	2.95	97.05	SAND, GRAY
60	5.60	2.80	5.75	94.25	SAND, GRAY
100	14.10	7.05	12.79	87.21	SAND, GRAY
140	65.00	32.48	45.28	54.72	SAND, GRAY
200	93.50	46.73	92.00	8.00	SAND, GRAY
PAN	15.60	7.80	99.80		SILT, GRAY



# U.S. STANDARD SIEVE

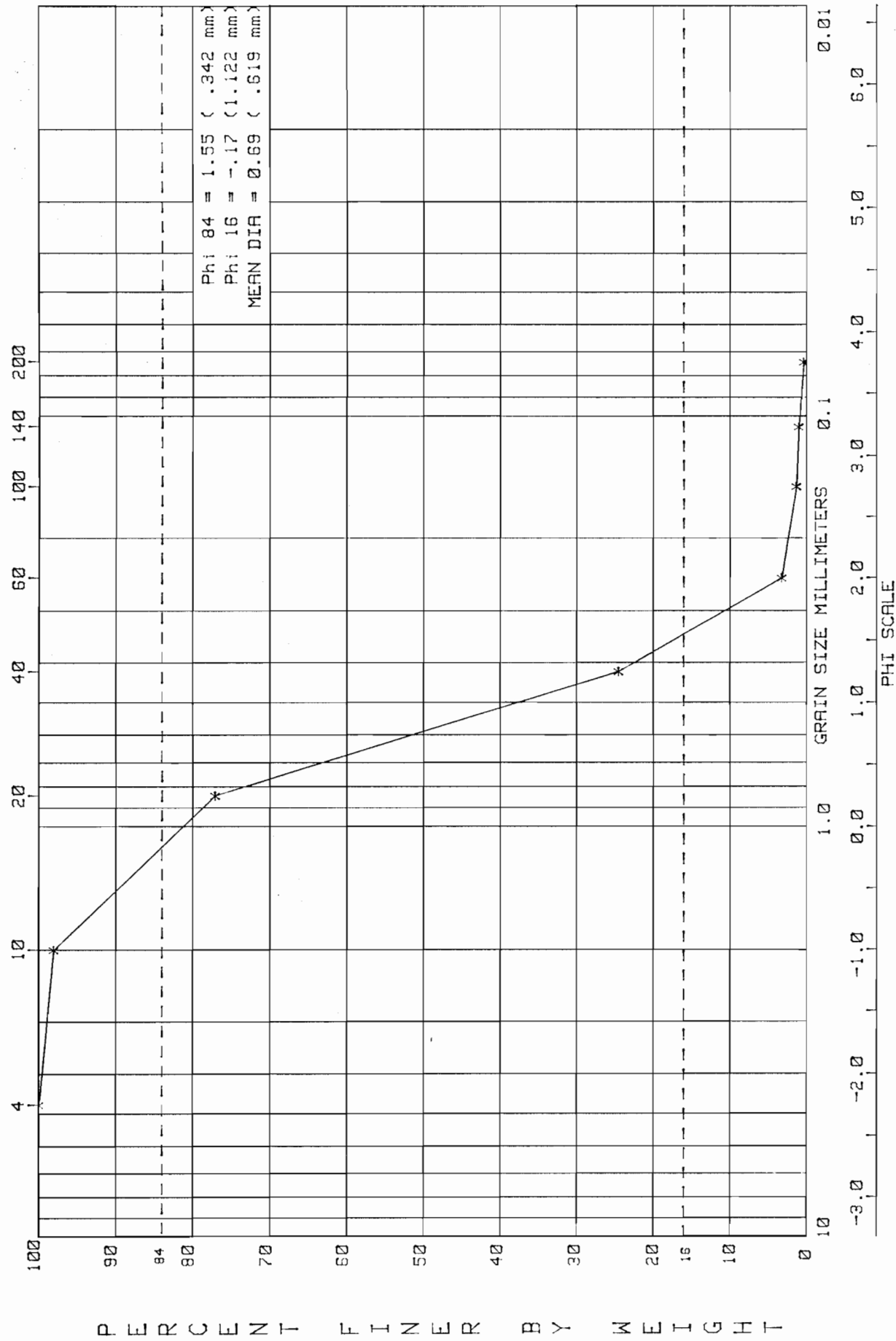


P E R C E N T F I N E R B Y W E I G H T

Phi 84 = 2.21 ( .216 mm )  
 Phi 16 = 0.19 ( .879 mm )  
 MEAN DIA = 1.20 ( .436 mm )

JUPITER ISLAND, MAY 89  
 BORING NO. : 18  
 SAMPLE: 18A  
 DEPTH (FT): 0.0-2.9

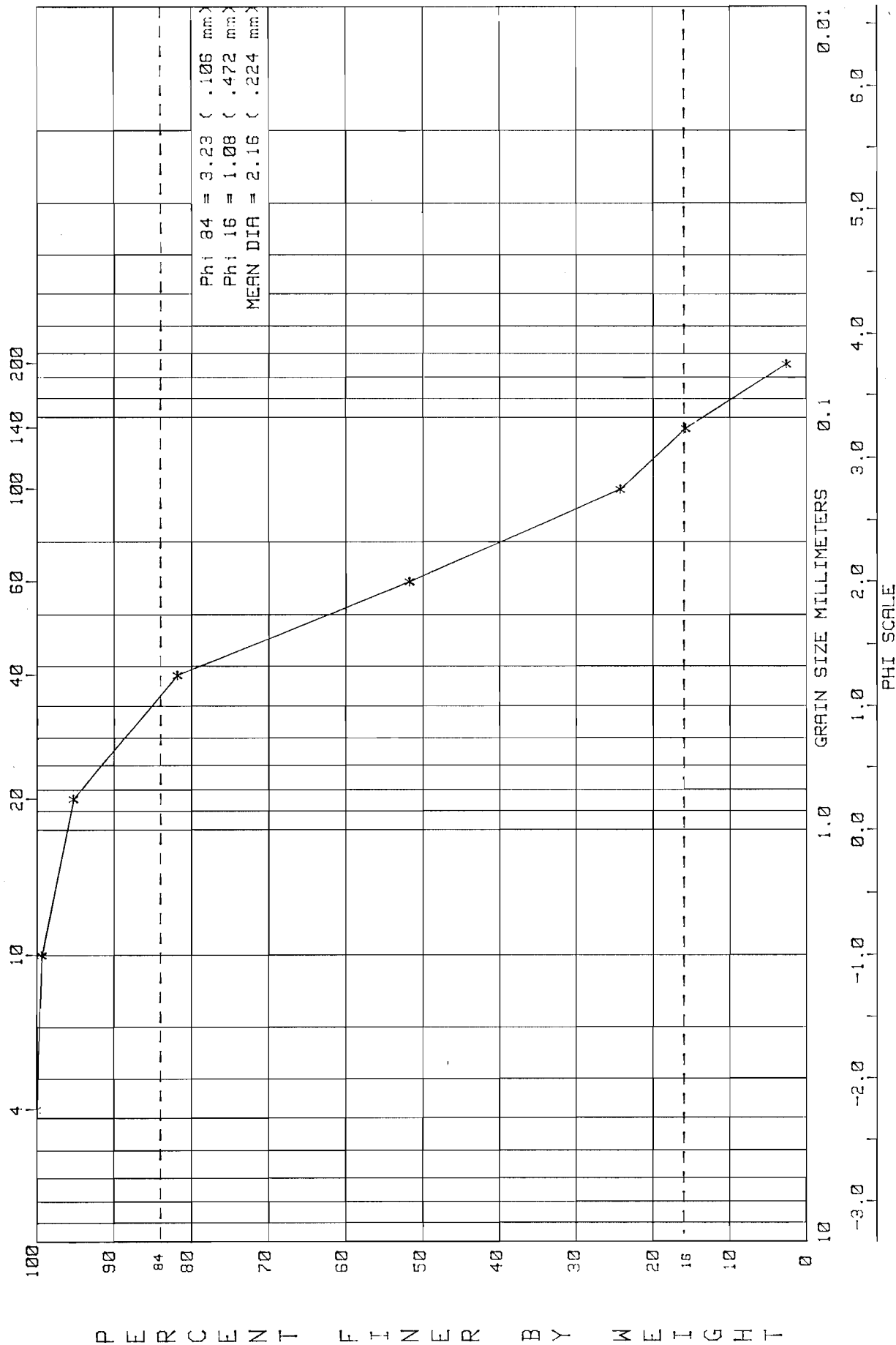
# U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89  
 SAMPLE: 18B

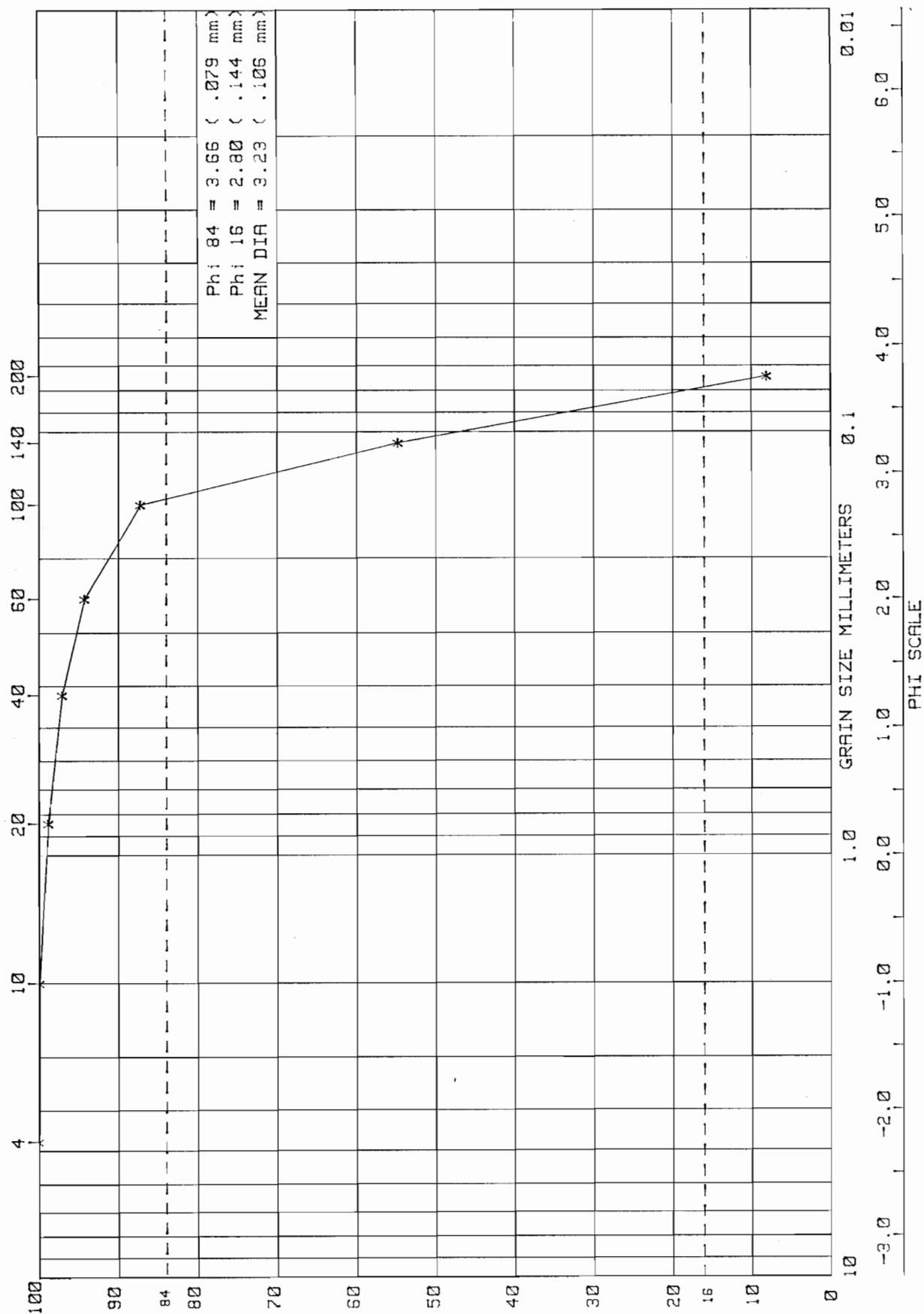
BORING NO. : 18  
 DEPTH (FT): 2.9-6.5

# U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89  
 SAMPLE: 18C  
 BORING NO.: 18  
 DEPTH (FT): 6.5-12.5

# U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89  
 SAMPLE: 18D

BORING NO. : 18  
 DEPTH (FT): 12.5-16.7