

## GAHAGAN &amp; BRYANT ASSOCIATES

## LOG OF BORING

PROJECT: JUPITER ISLAND

BORING LOCATION: X= 799,383

Y= 993,957

BORING NO.: 7

DATE: May 16, 1989

DRILLING CO.: Exmar

ELEVATION TOP OF HOLE: 39.2

DRILLING RIG: Ocean Explorer

DATUM: MLW

DRILL DESIGNATION: Vibracore

TOTAL DEPTH OF HOLE: 20.0

CORE DIAMETER: 3"

LENGTH RECOVERED: 18.8

INSPECTOR: C. Bryant

ELEVATION	DEPTH IN FEET	LEGEND	MATERIAL DESCRIPTION	SAMPLE NUMBER	REMARKS
39.2	0				
40.7	1	CC	SAND, gray, coarse shell, slightly sandy. (SP)	7A	90% crushed shell.
43.7	2	CC	SAND, lt. gray, very fine to medium, slightly silty. (SM)	7B	
44.8	5	CC	SAND, gray, medium to coarse shell, slightly sandy. (SP)	7C	90% crushed shell.
58.0	6	CC	SAND, lt. gray, very fine to medium, slightly silty. (SM)	7D	
	7	CC			
	8	CC			
	9	CC			
	10	CC			
	11	CC			
	12	CC			
	13	CC			
	14	CC			
	15	CC			
	16	CC			
	17	CC			
	18	CC			
	19				
	20				

## GAHAGAN AND BRYANT ASSOCIATES, INC

## SIEVE ANALYSIS DATA

SAMPLE: 7A

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 7

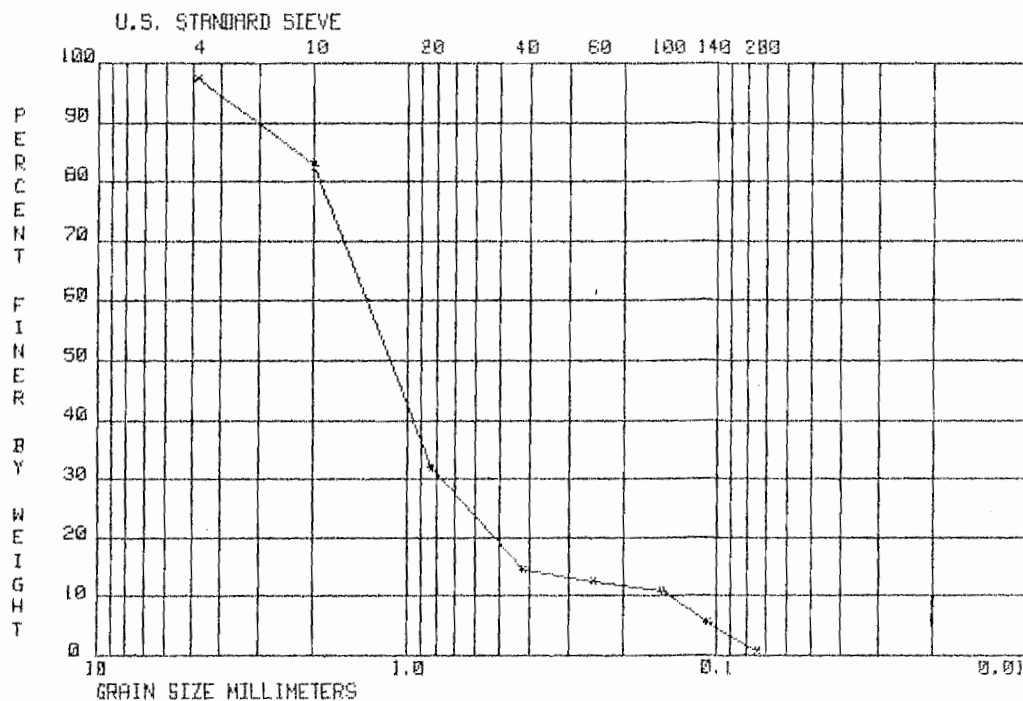
ANALYST: HAMBY

DEPTH (FT.): 0.0-1.5

ESTIMATED PERCENT OF SHELL: 90%

WEIGHT (grams) OF WHOLE SAMPLE (DRY): 194.20

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	5.20	2.68	2.68	97.32	SHELL
10	28.30	14.57	17.25	82.75	SHELL/GRAVEL, GRAY
20	98.70	50.82	68.07	31.93	SHELL, DK. GRAY
40	33.80	17.40	85.48	14.52	SHELL, DK. GRAY
60	3.90	2.01	87.49	12.51	SHELL, GRAY
100	3.50	1.80	89.29	10.71	SAND, GRAY
140	10.50	5.41	94.70	5.30	SAND, GRAY
200	8.90	4.58	99.28	.72	SAND, GRAY
PAN	.90	.46	99.74		SILT, GRAY



## GAHAGAN AND BRYANT ASSOCIATES, INC

## SIEVE ANALYSIS DATA

SAMPLE: 7B

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 7

ANALYST: HAMBY

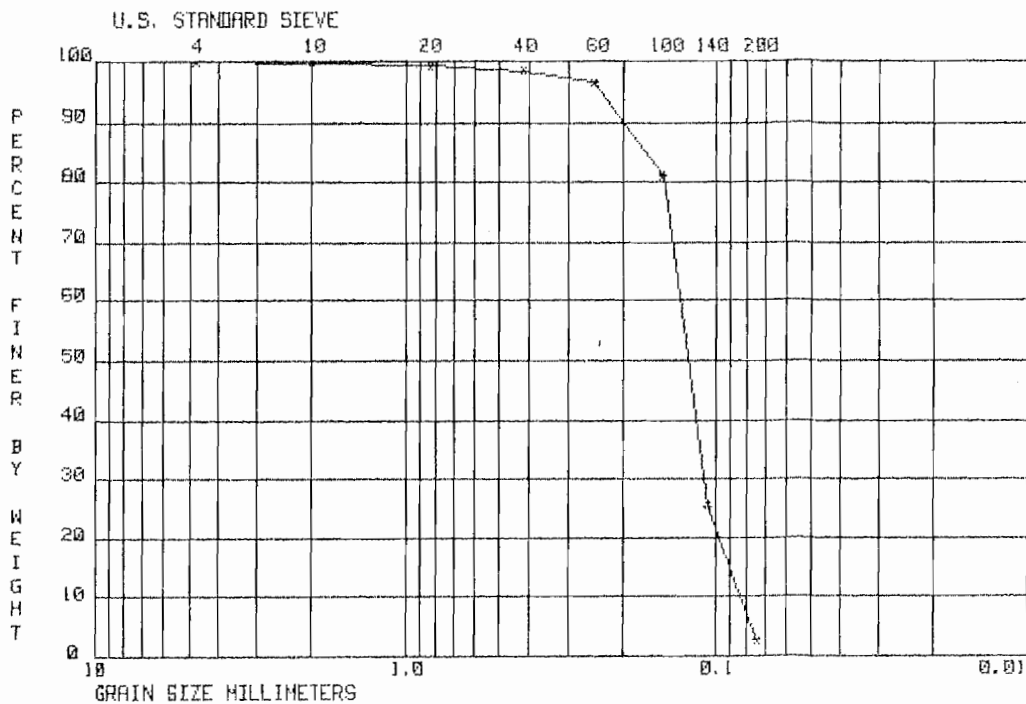
DEPTH (FT.): 1.5-4.5

ESTIMATED PERCENT OF SHELL: 2 %

WEIGHT (grams) OF WHOLE SAMPLE (DRY): 200.70

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.
20	1.10	.55	.75	99.25	SHELL, GRAY
40	1.70	.85	1.59	98.41	SAND, GRAY
60	3.70	1.84	3.44	96.56	SAND, GRAY
100	31.10	15.50	18.93	81.07	SAND, GRAY
140	111.80	55.71	74.64	25.36	SAND, GRAY
200	46.00	22.92	97.56	2.44	SAND, LT. GREY
PAN	5.50	2.74	100.30		SILT, GRAY



## SIEVE ANALYSIS DATA

SAMPLE: 7C

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 7

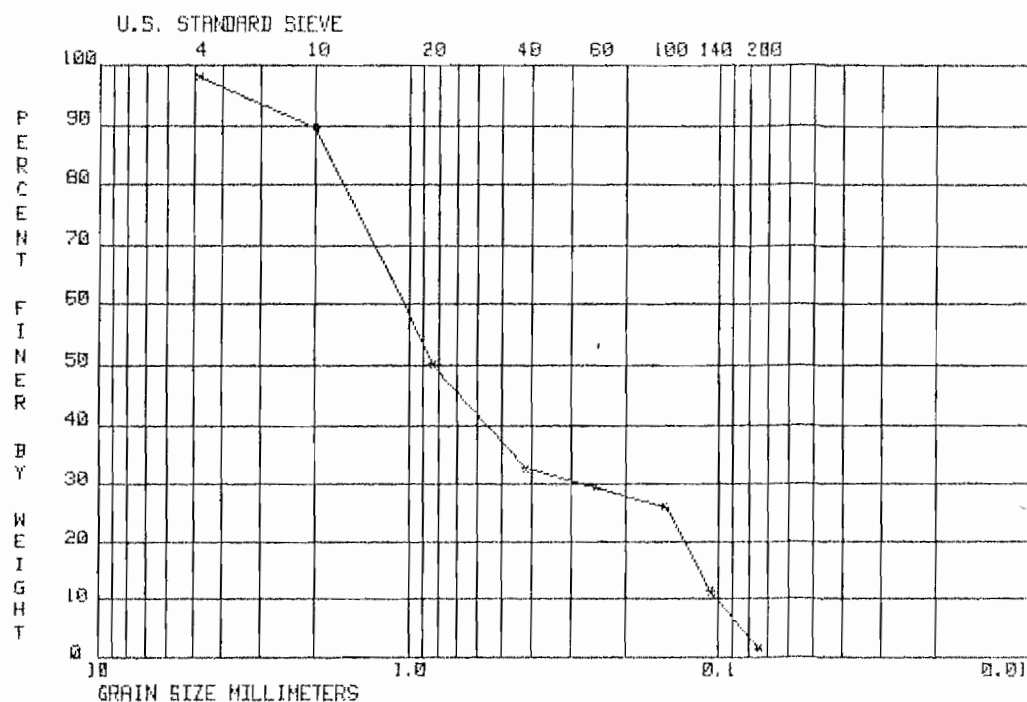
ANALYST: HAMBY

DEPTH (FT.): 4.5-5.6

ESTIMATED PERCENT OF SHELL: 90%

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

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	3.60	1.80	1.80	98.20	SHELL FRAGS, GRAY
10	17.20	8.59	10.38	89.62	SHELL, GRAY
20	79.00	39.44	49.83	50.17	SHELL, GRAY
40	35.20	17.57	67.40	32.60	SHELL, GRAY
60	6.50	3.25	70.64	29.36	SHELL, GRAY
100	6.70	3.34	73.99	26.01	SHELL, GRAY
140	29.30	14.63	88.62	11.38	SHELL, GRAY
200	20.20	10.08	98.70	1.30	SHELL, GRAY
PAN	2.50	1.25	99.95		SILT, GRAY



## GAHAGAN AND BRYANT ASSOCIATES, INC

## SIEVE ANALYSIS DATA

SAMPLE: 7D

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 7

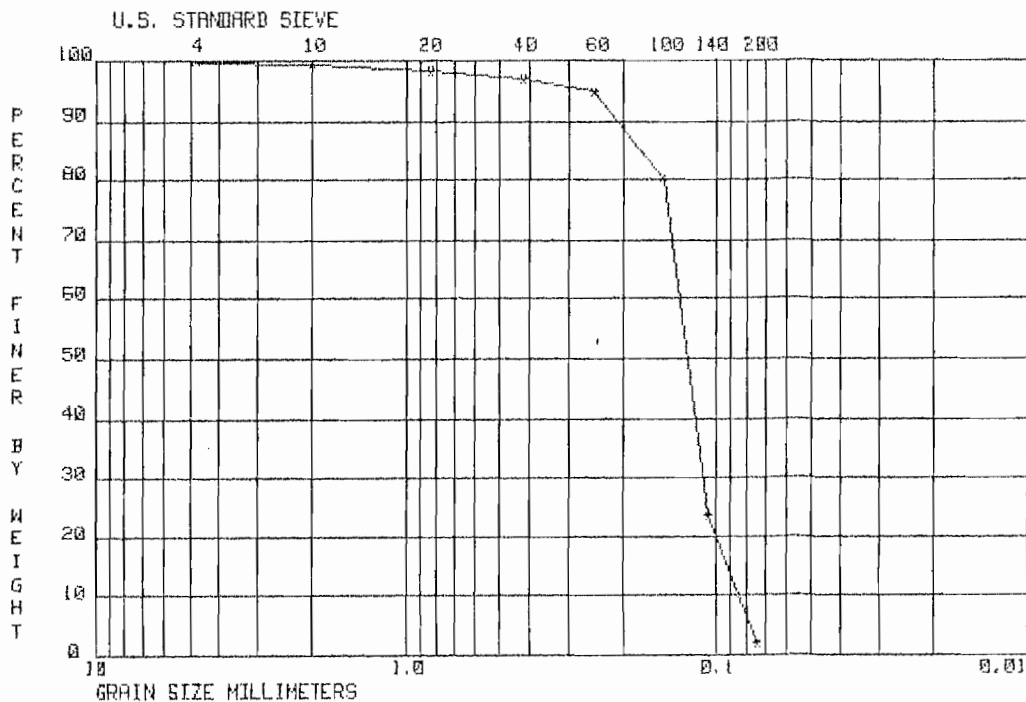
ANALYST: HAMBY

DEPTH (FT.): 5.6-18.8

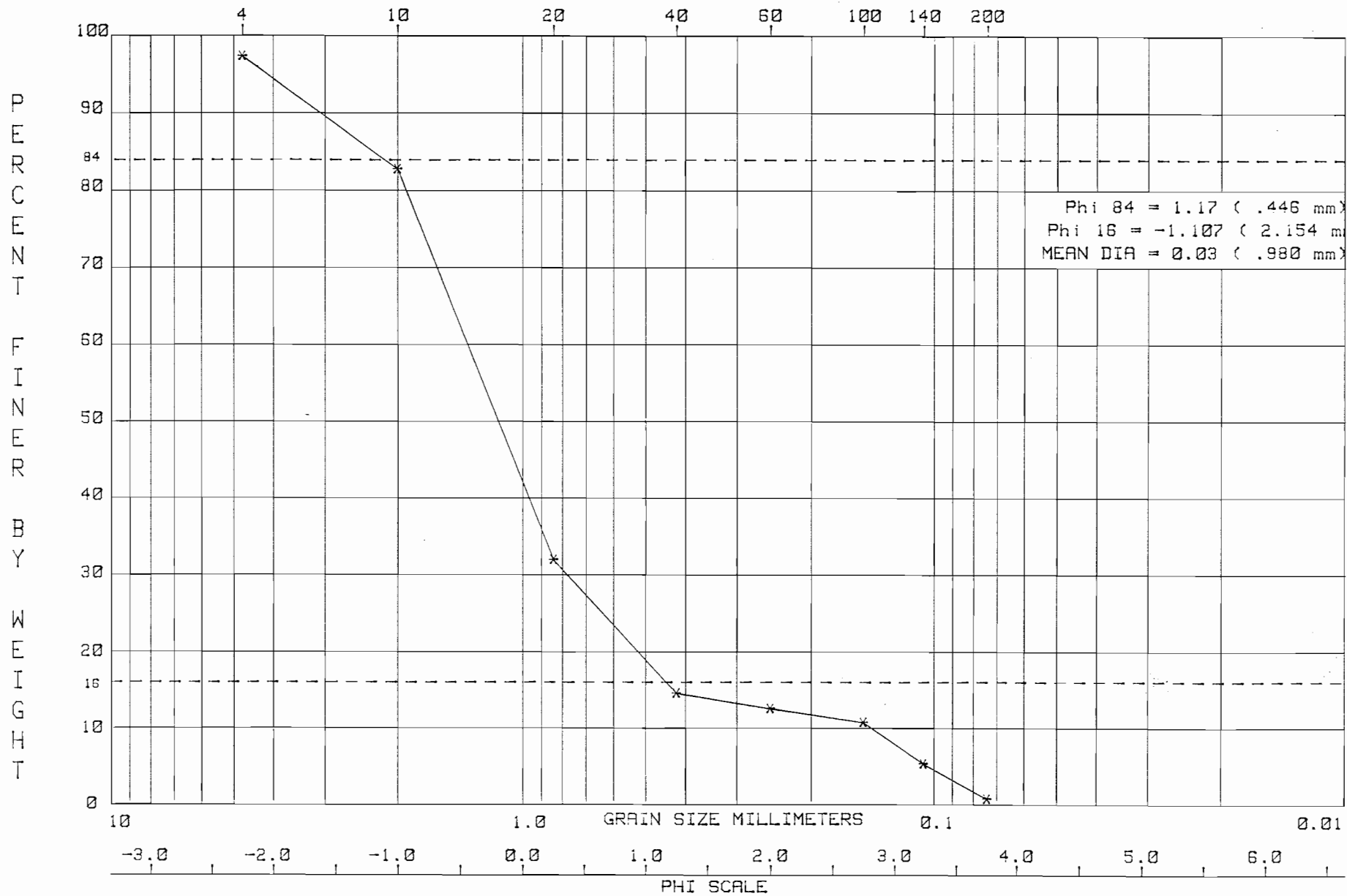
ESTIMATED PERCENT OF SHELL: 1 %

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

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	.30	.15	.15	99.85	SHELL FRAGS.
10	1.00	.50	.65	99.35	SHELL FRAGS.
20	2.10	1.05	1.70	98.30	SAND, GRAY
40	2.70	1.35	3.05	96.95	SAND, GRAY
60	4.20	2.10	5.15	94.85	SAND, GRAY
100	29.60	14.79	19.94	80.06	SAND, GRAY
140	113.20	56.57	76.51	23.49	SAND, GRAY
200	43.30	21.64	98.15	1.85	SAND, GRAY
PAN	3.10	1.55	99.70		SILT, GRAY



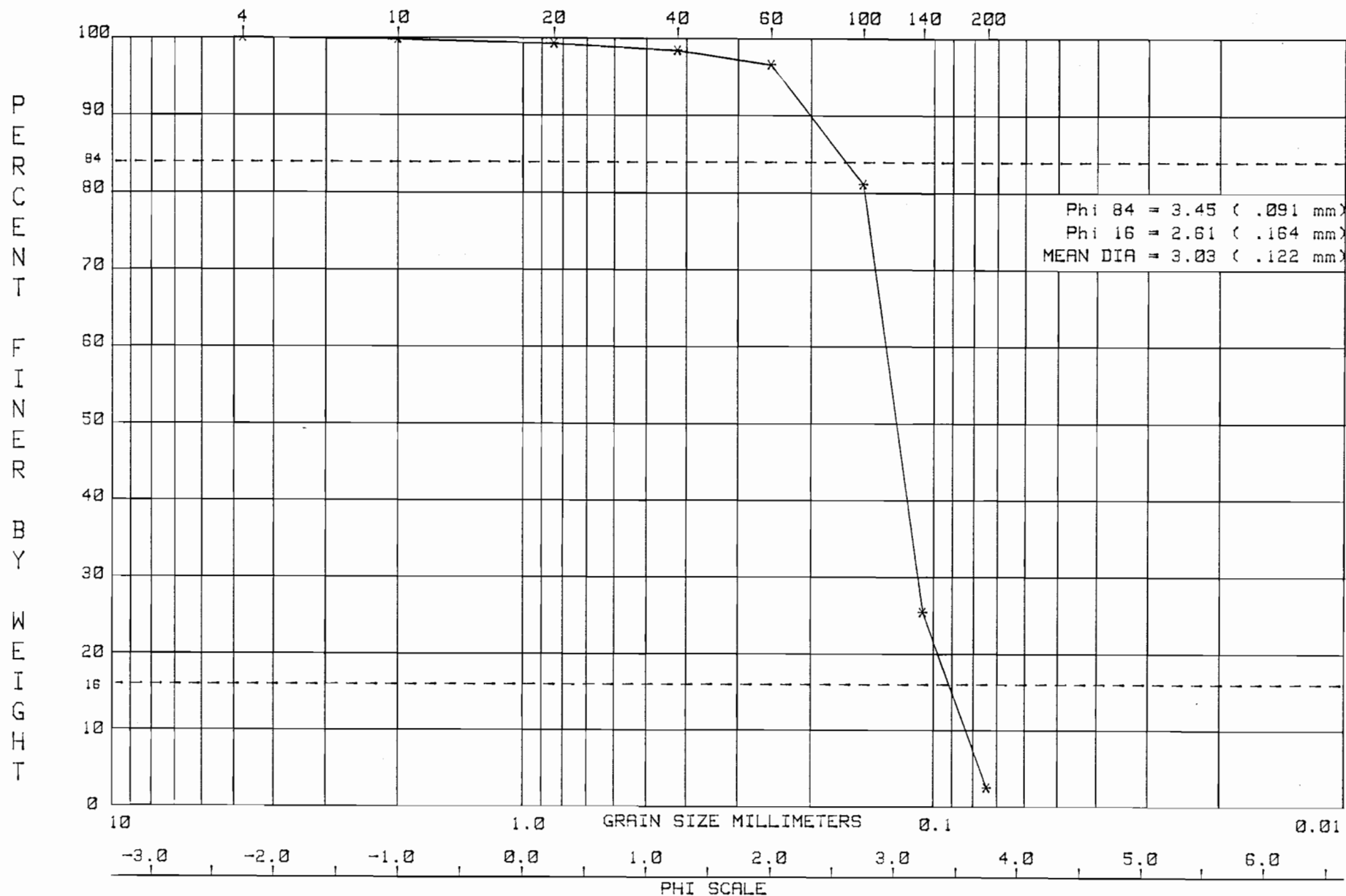
# U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89  
 SAMPLE: 7A

BORING NO. : 7  
 DEPTH (FT): 0.0-1.5

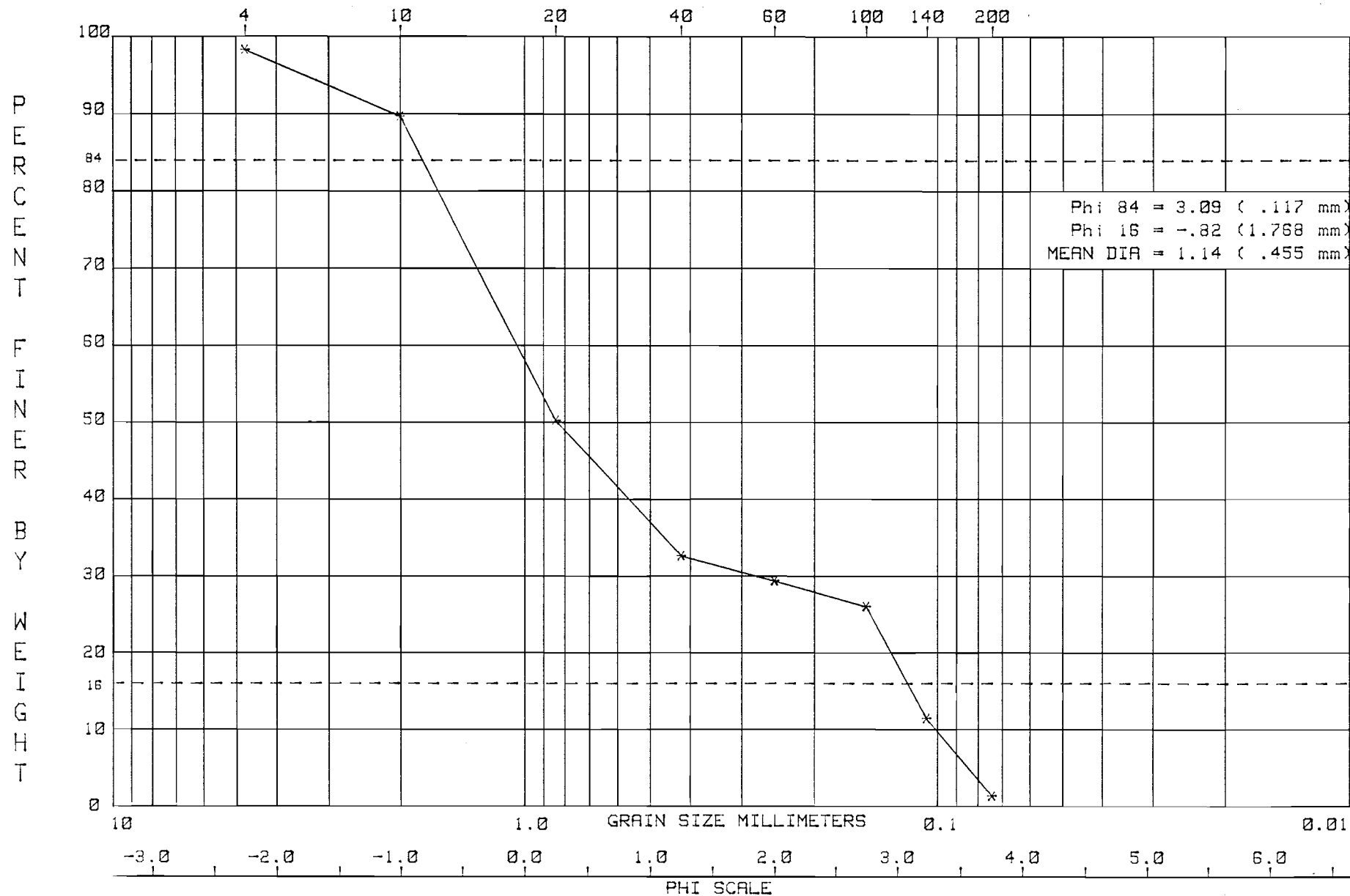
# U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89  
SAMPLE: 7B

BORING NO. : 7  
DEPTH (FT): 1.5-4.5

# U.S. STANDARD SIEVE

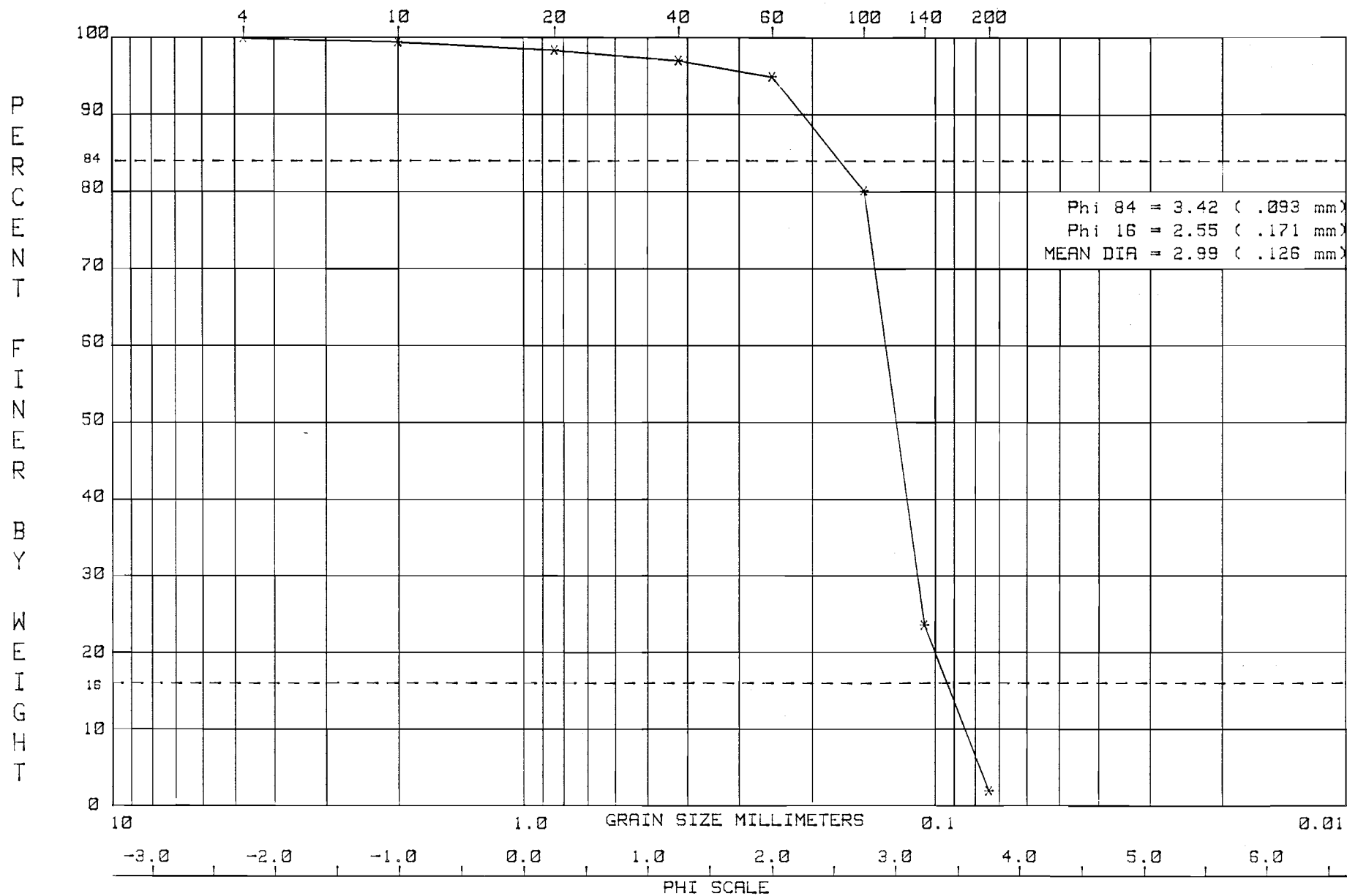


JUPITER ISLAND, MAY 89  
 SAMPLE: 7C

BORING NO. : 7  
 DEPTH (FT): 4.5-5.6



# U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89  
 SAMPLE: 7D

BORING NO. : 7  
 DEPTH (FT): 5.6-18.8