

GAHAGAN & BRYANT ASSOCIATES

LOG OF BORING

PROJECT: JUPITER ISLAND

BORING LOCATION: X= 799,459

Y= 1,000,282

BORING NO.: 13

DATE: May 17, 1989

DRILLING CO.: Exmar

ELEVATION TOP OF HOLE: 44.6

DRILLING RIG: Ocean Explorer

DATUM: MLW

DRILL DESIGNATION: Vibracore

TOTAL DEPTH OF HOLE: 10.0

CORE DIAMETER: 3"

LENGTH RECOVERED: 9.2

INSPECTOR: C. Bryant

ELEVATION	DEPTH IN FEET	LEGEND	MATERIAL DESCRIPTION	SAMPLE NUMBER	REMARKS
44.6	0				
46.4	1	2.2.2. 2.2.2. 2.2.2.	SAND, gray, medium to coarse shell, sandy, slightly silty. (SP)	13A	90% crushed shell.
47.4	2	2.2.2. 2.2.2. 2.2.2.	SAND, lt. gray, very fine to medium, slightly silty. (SM)	13B	
48.7	3	2.2.2. 2.2.2. 2.2.2.	SAND, gray, very fine to coarse, mixture fine quartz, med. to coarse shell. (SP-SM)	13C	80% crushed shell.
53.8	9	2.2.2. 2.2.2. 2.2.2.	SAND, lt. gray, very fine to fine, slightly silty. (SM)	13D	
	10				
	11				
	12				
	13				
	14				
	15				
	16				
	17				
	18				
	19				
	20				

GAHAGAN AND BRYANT ASSOCIATES, INC

SIEVE ANALYSIS DATA

SAMPLE: 13A

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 13

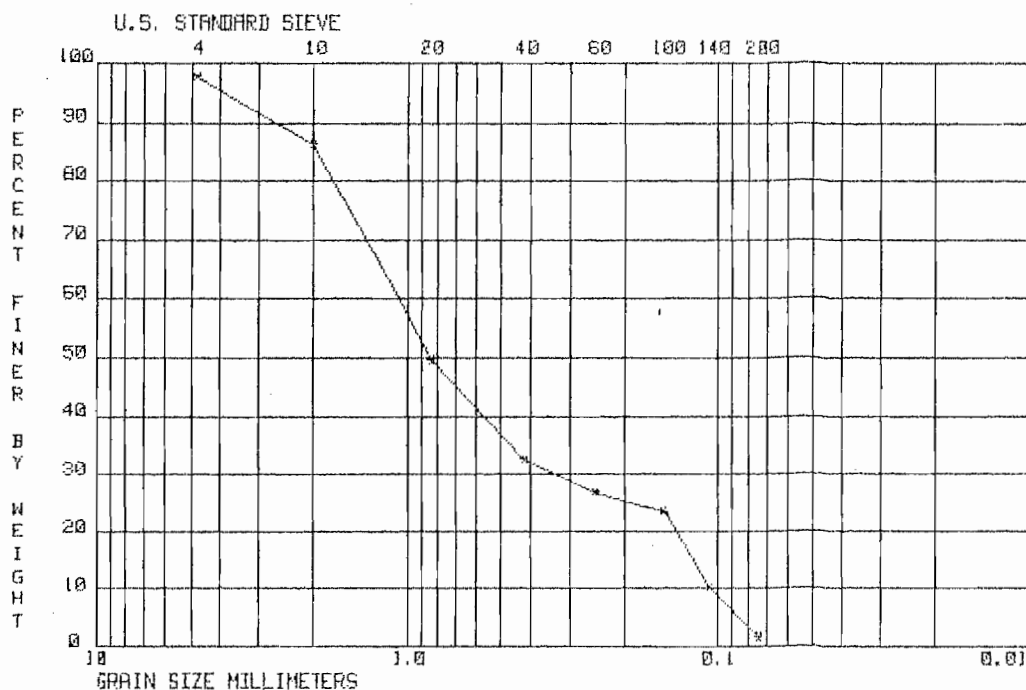
ANALYST: HAMBY

DEPTH (FT.): 0.0-1.8

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	4.40	2.20	2.20	97.80	SHELL, GRAY
10	22.90	11.44	13.64	86.36	SHELL, GRAY
20	73.60	36.76	50.40	49.60	SHELL, GRAY
40	34.20	17.08	67.48	32.52	SHELL, GRAY
60	11.40	5.69	73.18	26.82	SHELL/SAND, GRAY
100	7.10	3.55	76.72	23.28	SAND, GRAY
140	26.30	13.14	89.86	10.14	SAND, GRAY
200	17.20	8.59	98.45	1.55	SAND, GRAY
PAN	3.00	1.50	99.95		SILT, GRAY



GAHAGAN AND BRYANT ASSOCIATES, INC

SIEVE ANALYSIS DATA

SAMPLE: 13B

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 13

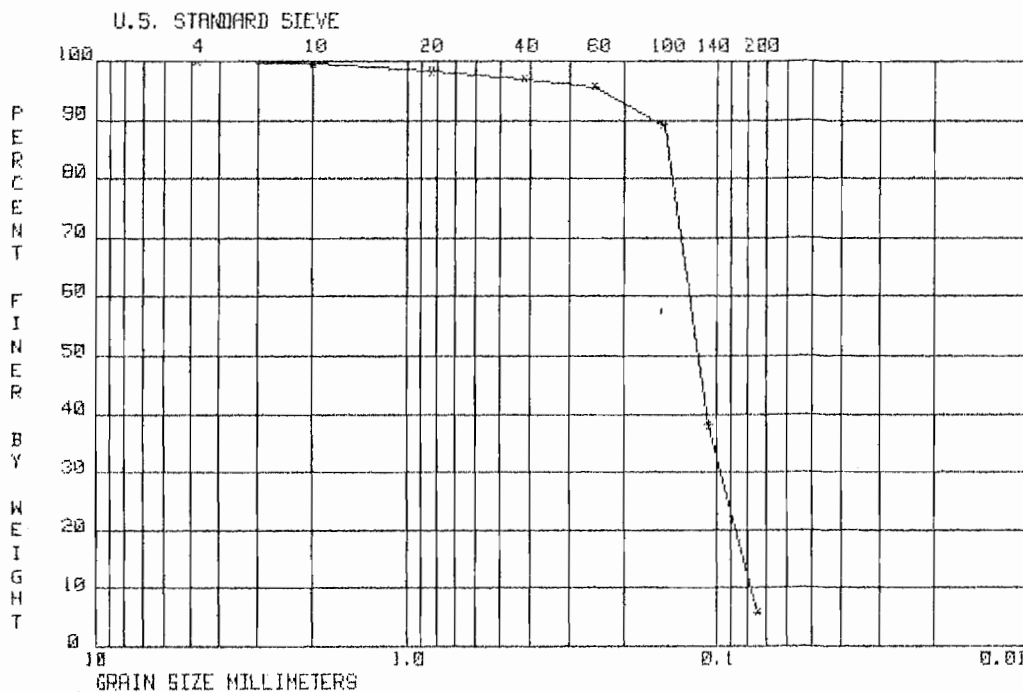
ANALYST: HAMBY

DEPTH (FT.): 1.8-2.8

ESTIMATED PERCENT OF SHELL: 0 %

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

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	0.00	0.00	0.00	100.00	
10	.70	.35	.35	99.65	SHELL
20	2.70	1.35	1.70	98.30	SAND, GRAY
40	2.40	1.20	2.90	97.10	SAND, GRAY
60	2.90	1.45	4.35	95.65	SAND, GRAY
100	13.20	6.60	10.95	89.05	SAND, GRAY
140	102.20	51.10	62.05	37.95	SAND, GRAY
200	64.50	32.25	94.30	5.70	SAND, GRAY
PAN	10.80	5.40	99.70		SILT, GRAY



GAHAGAN AND BRYANT ASSOCIATES, INC

SIEVE ANALYSIS DATA

SAMPLE: 13C

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 13

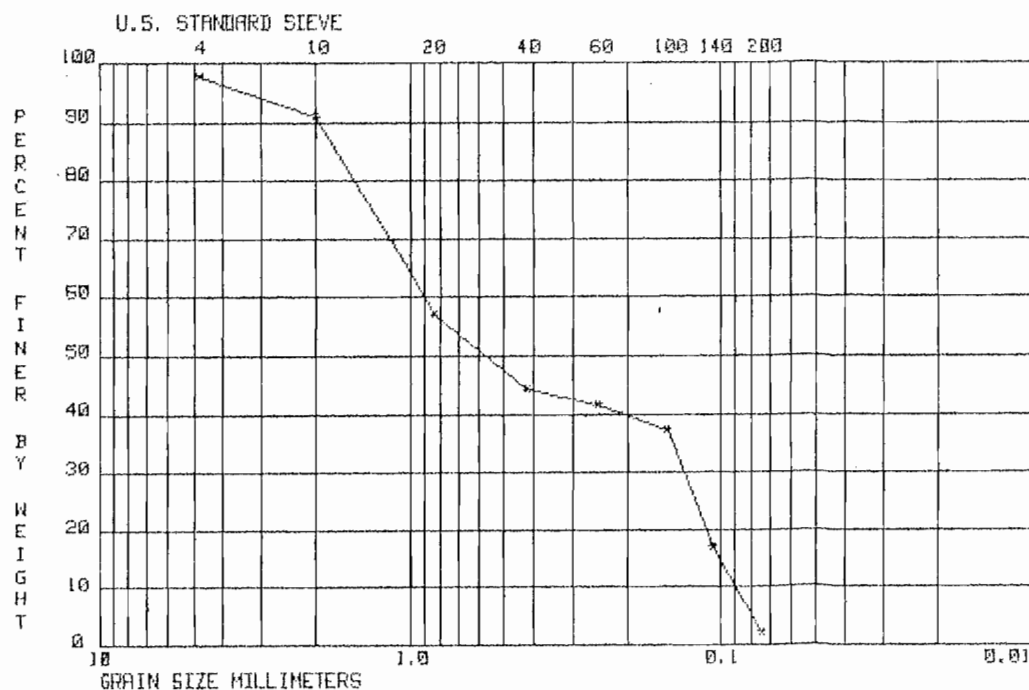
ANALYST: HAMBY

DEPTH (FT.): 2.8-4.1

ESTIMATED PERCENT OF SHELL: 80%

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

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	4.40	2.20	2.20	97.80	SHELL, GRAY
10	13.80	6.89	9.08	90.92	SHELL, GRAY
20	67.80	33.83	42.91	57.09	SHELL, GRAY
40	25.60	12.77	55.69	44.31	SHELL, GRAY
60	5.20	2.59	58.28	41.72	SHELL/SAND, GRAY
100	8.80	4.39	62.67	37.33	SAND, GRAY
140	40.60	20.26	82.93	17.07	SAND, GRAY
200	29.90	14.92	97.85	2.15	SAND, GRAY
PAN	3.80	1.90	99.75		SILT, GRAY



GAHAGAN AND BRYANT ASSOCIATES, INC

SIEVE ANALYSIS DATA

SAMPLE: 13D

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 13

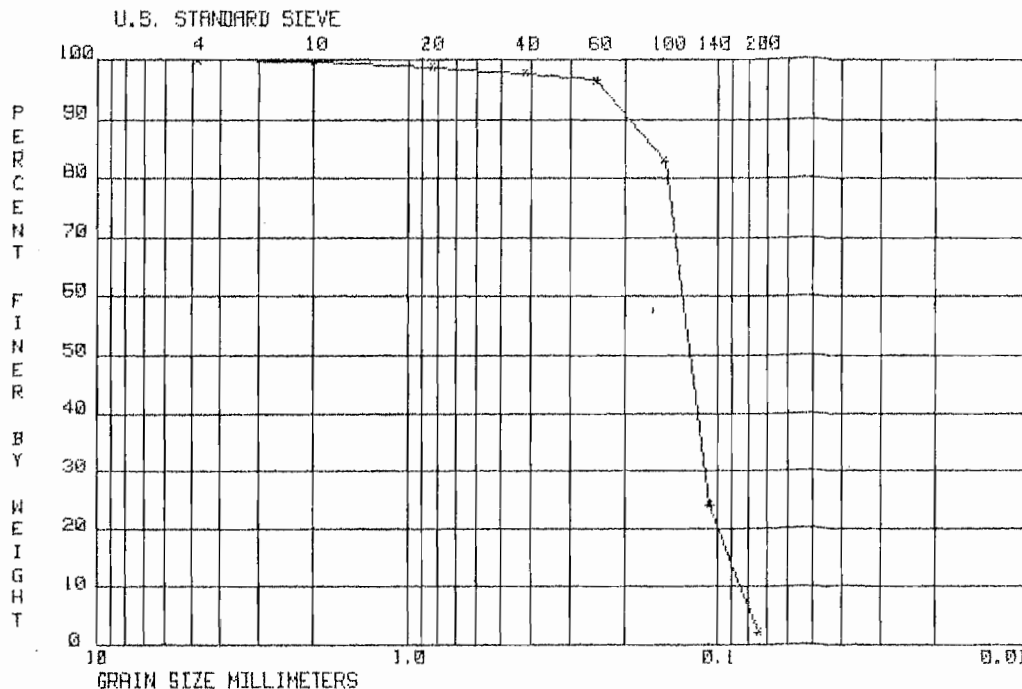
ANALYST: HAMBY

DEPTH (FT.): 4.1-9.2

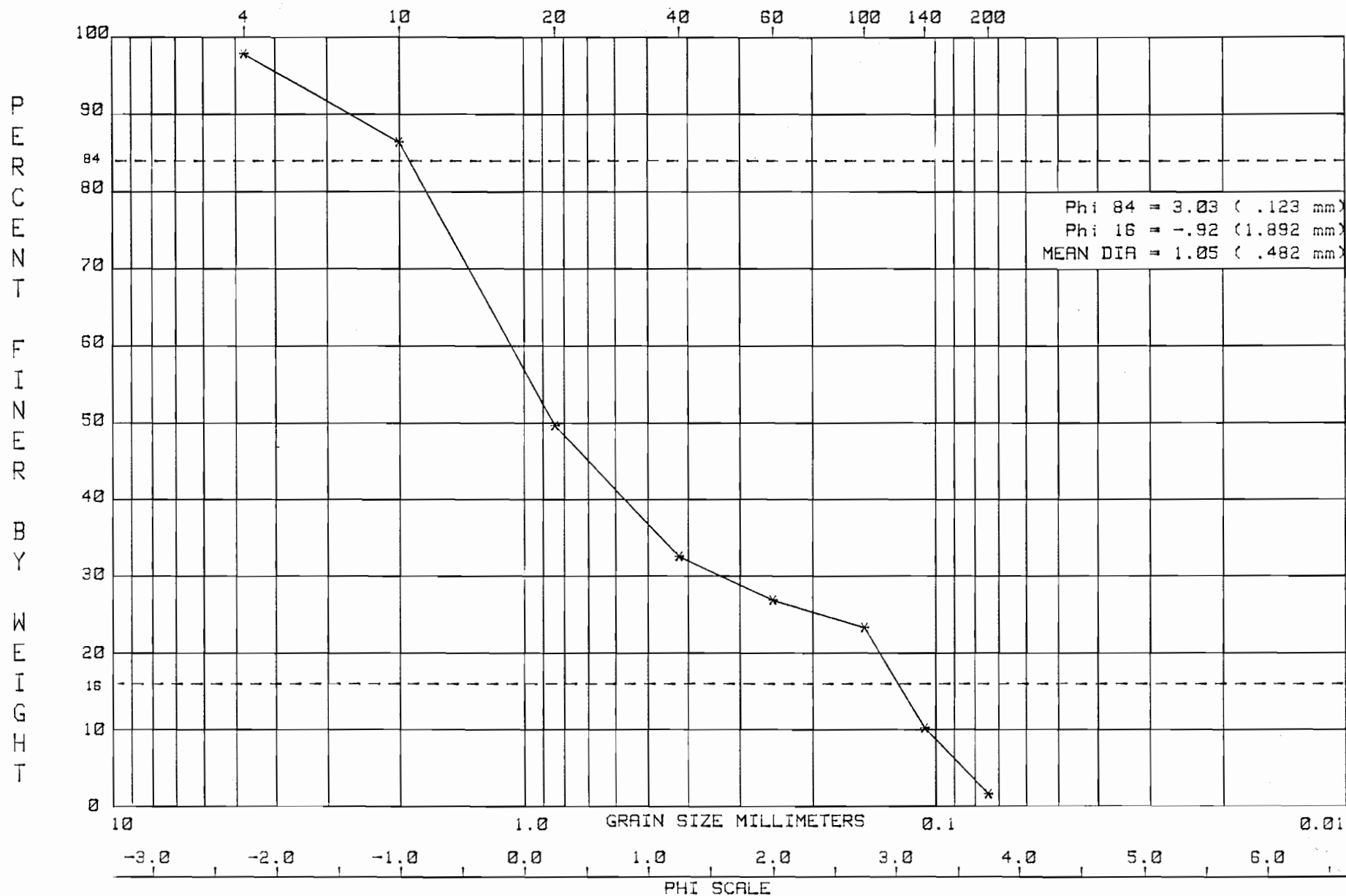
ESTIMATED PERCENT OF SHELL: 0 %

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

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	0.00	0.00	0.00	100.00	
10	.20	.10	.10	99.90	SAND, GRAY
20	2.30	1.15	1.25	98.75	SAND, GRAY
40	2.20	1.10	2.35	97.65	SAND, GRAY
60	2.20	1.10	3.45	96.55	SAND, GRAY
100	27.60	13.79	17.24	82.76	SAND, GRAY
140	117.70	58.82	76.06	23.94	SAND, GRAY
200	44.00	21.99	98.05	1.95	SAND, GRAY
PAN	4.40	2.20	100.25		SILT, GRAY



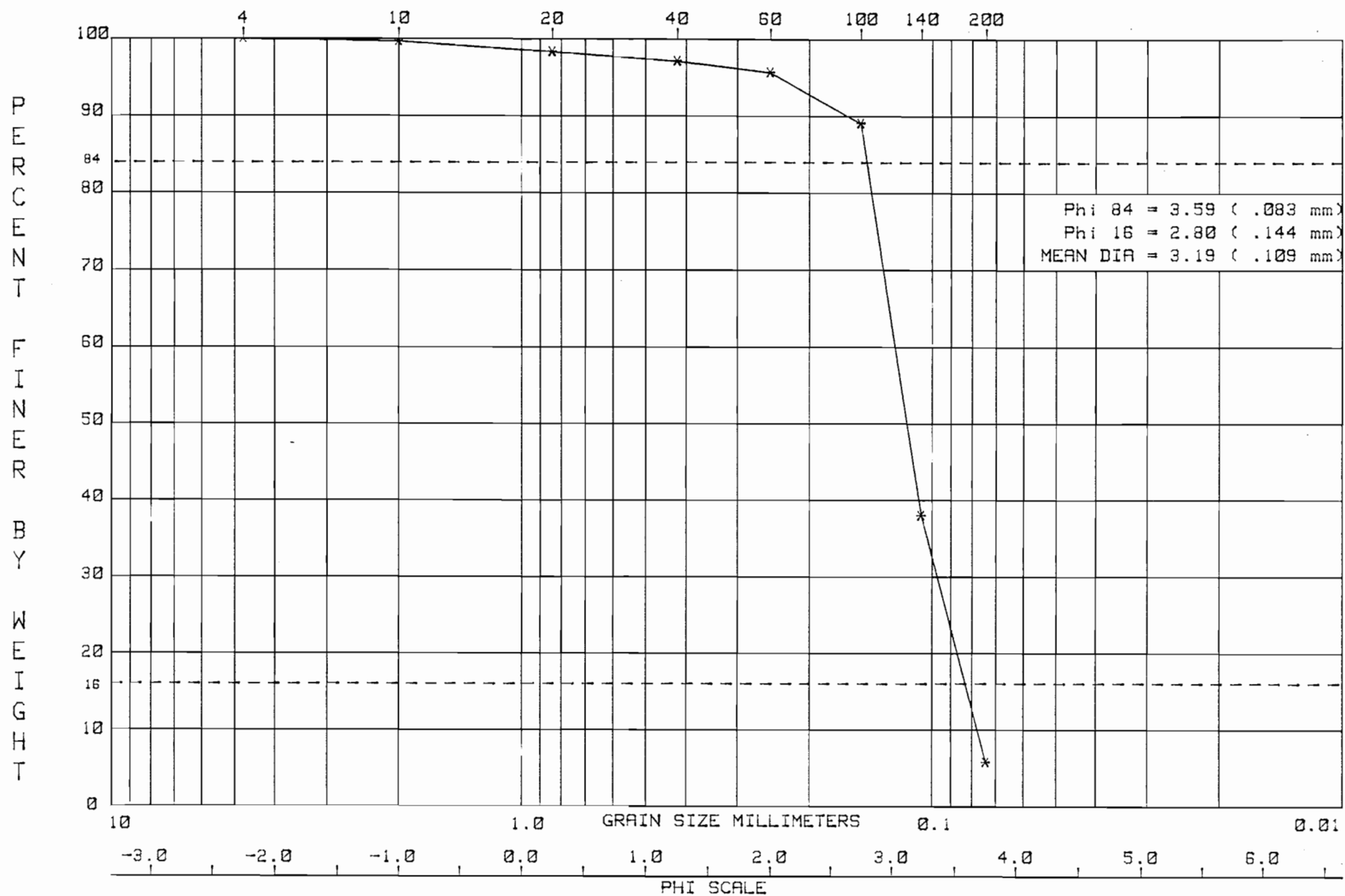
U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89
 SAMPLE: 13A

BORING NO. : 13
 DEPTH (FT): 0.0-1.8

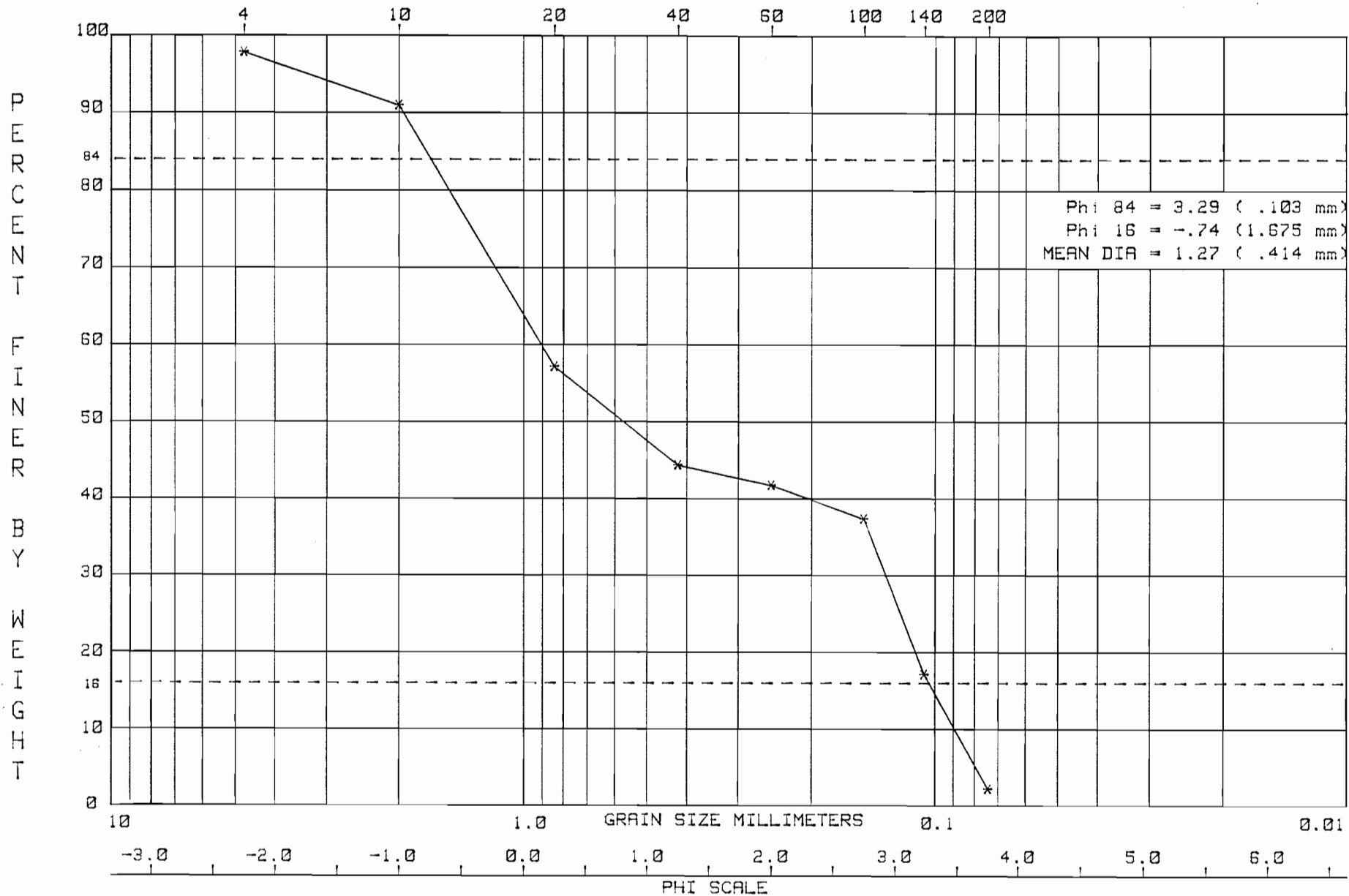
U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89
 SAMPLE: 13B

BORING NO. : 13
 DEPTH (FT): 1.8-2.8

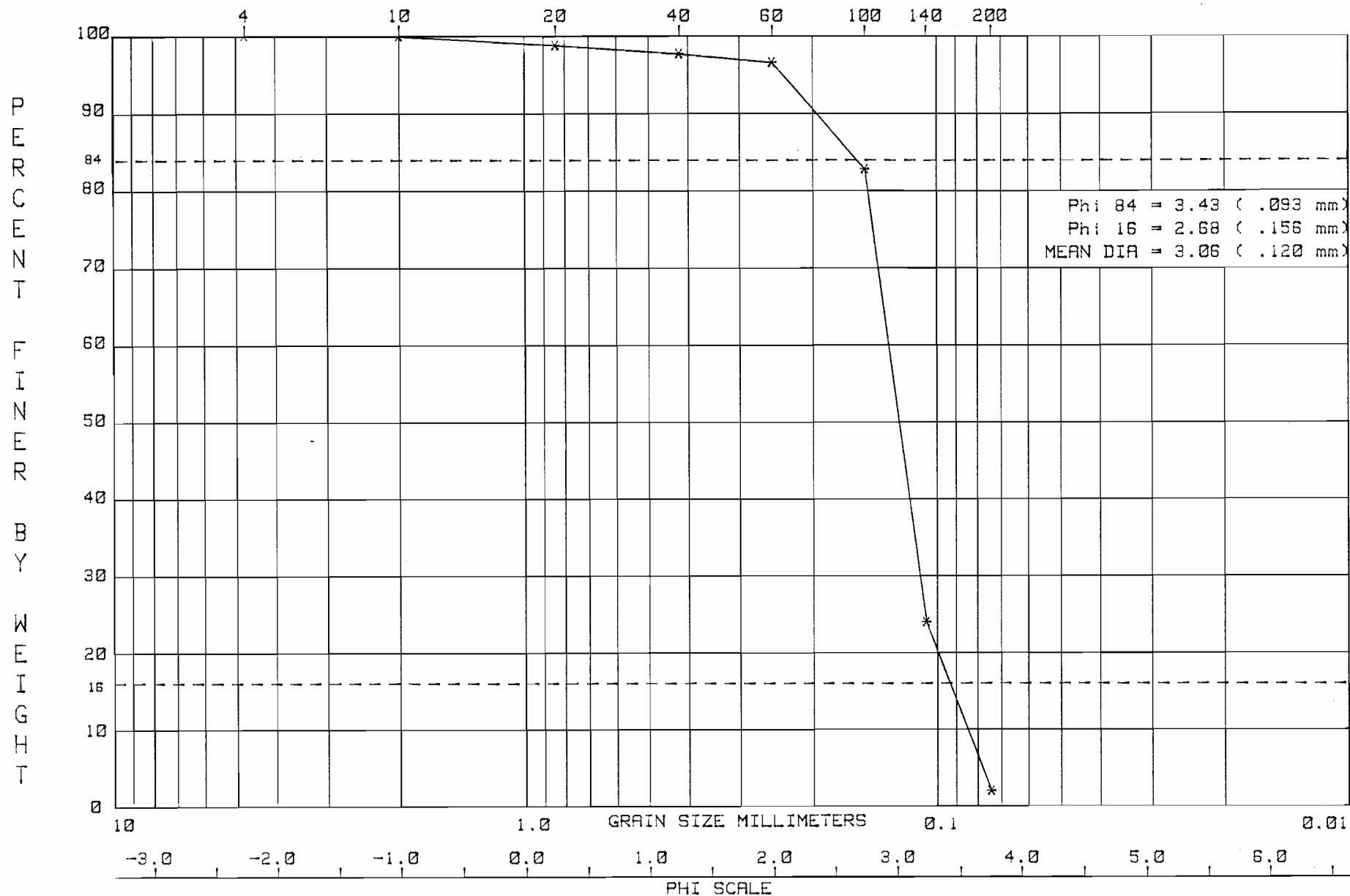
U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89
 SAMPLE: 13C

BORING NO. : 13
 DEPTH (FT): 2.8-4.1

U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89
SAMPLE: 13D

BORING NO. : 13
DEPTH (FT): 4.1-9.2