

## GAHAGAN &amp; BRYANT ASSOCIATES

## LOG OF BORING

PROJECT: JUPITER ISLAND

BORING LOCATION: X= 805,823

Y= 977,119

BORING NO.: 26

DATE: May 20, 1989

DRILLING CO.: Exmar

ELEVATION TOP OF HOLE: 56.5

DRILLING RIG: Ocean Explorer

DATUM: MLW

DRILL DESIGNATION: Vibracore

TOTAL DEPTH OF HOLE: 11.2

CORE DIAMETER: 3"

LENGTH RECOVERED: 11.0

INSPECTOR: C. Bryant

ELEVATION	DEPTH IN FEET	LEGEND	MATERIAL DESCRIPTION	SAMPLE NUMBER	REMARKS
56.5	0				
	1		SAND, gray, medium to coarse, shell sand with quartz. (SP)	26A	70% crushed shell.
58.8	2				
	3		SAND, gray, medium to coarse, shell sand with quartz. (SP)	26B	80% crushed shell.
	4				Some large shell fragments. (1")
61.6	5				
	6		SAND, gray, fine to coarse, shell sand with quartz. (SP)	26C	60% crushed shell.
	7				
	8				
	9				
	10				
67.5	11				
	12		SAND, lt. gray, fine to medium.		Cemented sand and shell.
	13				
	14				
	15				
	16				
	17				
	18				
	19				
	20				

## GAHAGAN AND BRYANT ASSOCIATES, INC

## SIEVE ANALYSIS DATA

SAMPLE: 26A

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 26

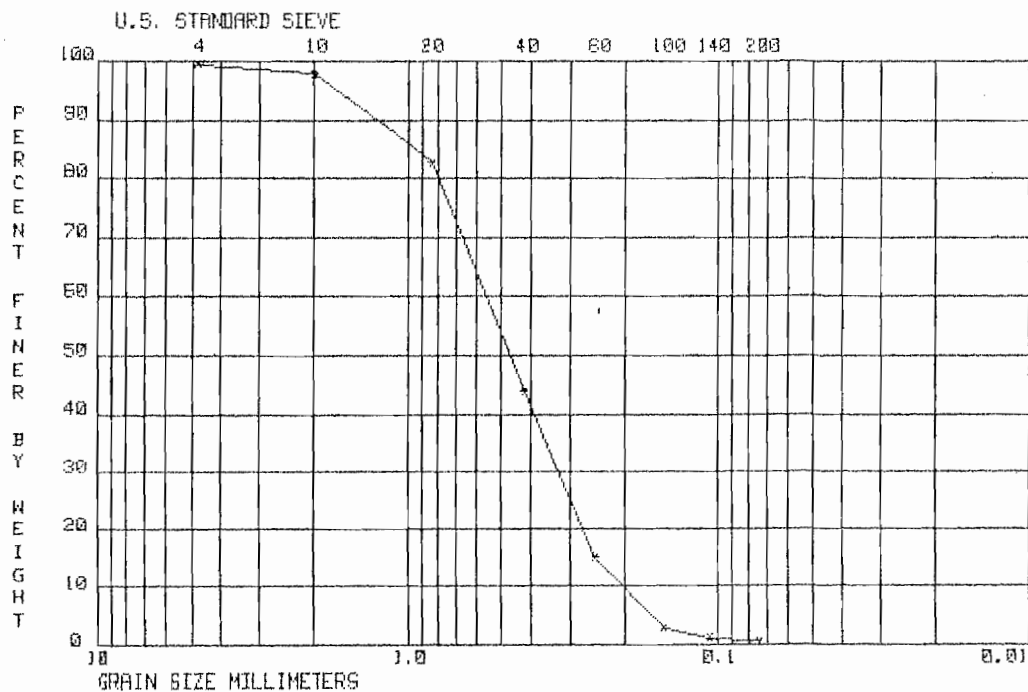
ANALYST: HAMBY

DEPTH (FT.): 0.0-2.3

ESTIMATED PERCENT OF SHELL: 70%

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

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	1.10	.55	.55	99.45	SHELL, GRAY
10	3.10	1.55	2.10	97.90	SHELL, GRAY
20	30.50	15.24	17.34	82.66	SHELL, GRAY
40	77.80	38.88	56.22	43.78	SHELL/SAND, GRAY
60	57.70	28.84	85.06	14.94	SHELL/SAND, GRAY
100	24.70	12.34	97.40	2.60	SAND, GRAY
140	3.10	1.55	98.95	1.05	SAND, GRAY
200	1.10	.55	99.50	.50	SAND, GRAY
PAN	.40	.20	99.70		SILT, GRAY



## GAHAGAN AND BRYANT ASSOCIATES, INC

## SIEVE ANALYSIS DATA

SAMPLE: 26B

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 26

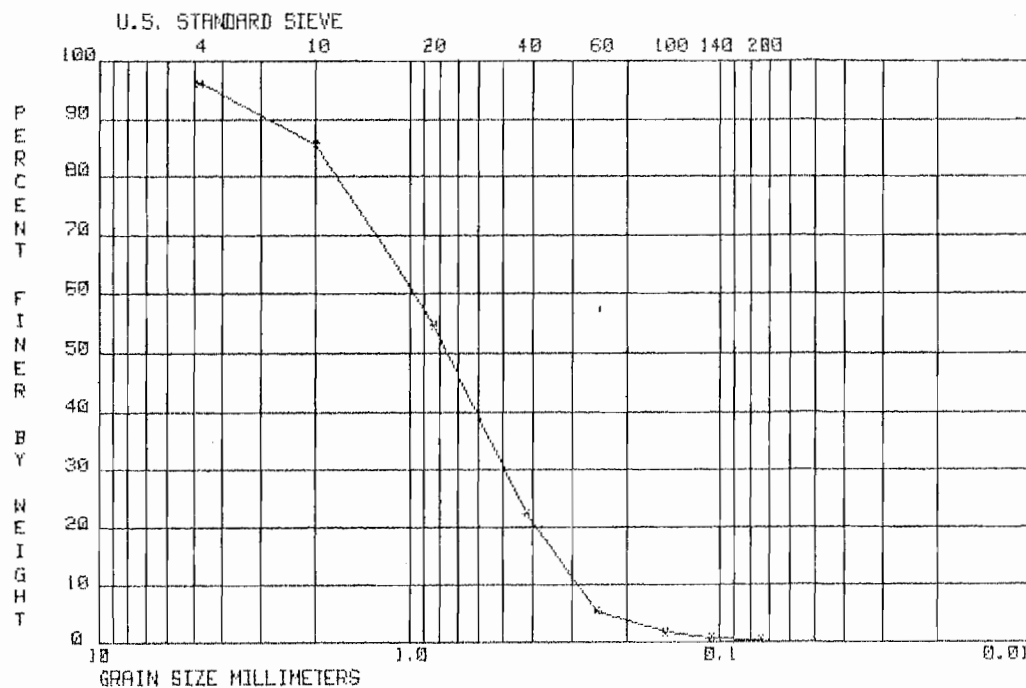
ANALYST: HAMBY

DEPTH (FT.): 2.3-5.1

ESTIMATED PERCENT OF SHELL: 80%

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

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	7.60	3.80	3.80	96.20	SHELL, GRAY
10	21.10	10.54	14.34	85.66	SHELL, GRAY
20	62.00	30.98	45.33	54.67	SHELL, GRAY
40	64.80	32.38	77.71	22.29	SHELL/SAND, GRAY
60	33.90	16.94	94.65	5.35	SAND, GRAY
100	7.60	3.80	98.45	1.55	SAND, GRAY
140	1.80	.90	99.35	.65	SAND, GRAY
200	.80	.40	99.75	.25	SAND, GRAY
PAN	.30	.15	99.90		SILT, GRAY



## GAHAGAN AND BRYANT ASSOCIATES, INC

## SIEVE ANALYSIS DATA

SAMPLE: 260

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 26

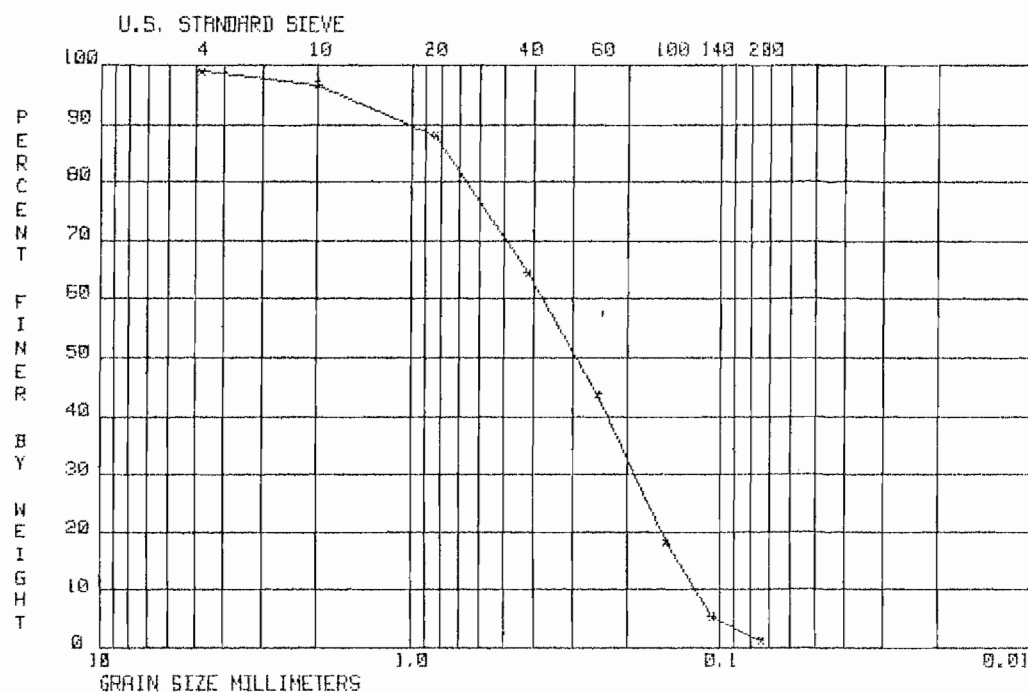
ANALYST: HAMBY

DEPTH (FT.): 5.1-11.0

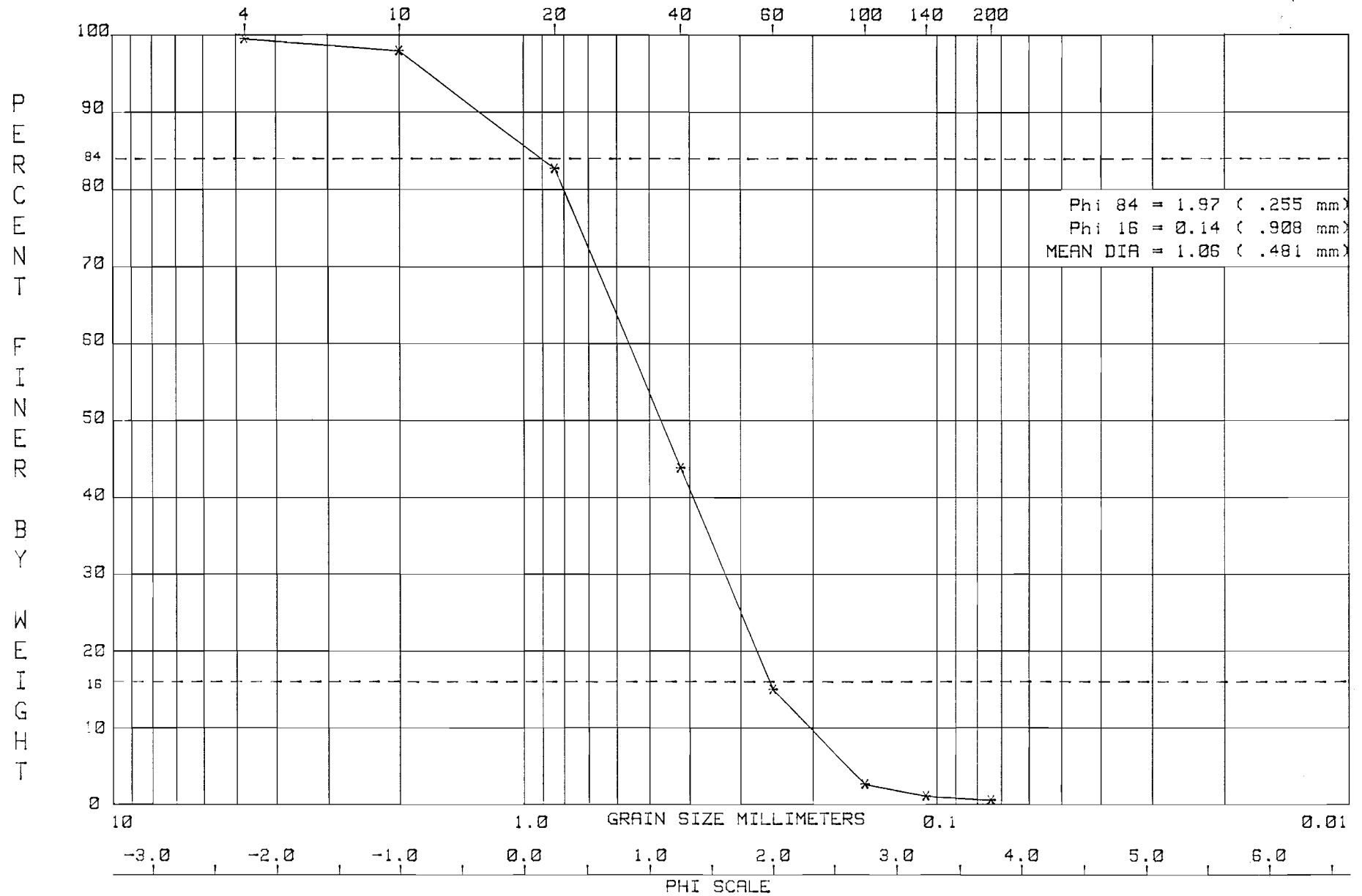
ESTIMATED PERCENT OF SHELL: 60%

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

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	2.10	1.05	1.05	98.95	SHELL, GRAY
10	4.50	2.25	3.30	96.70	SHELL, GRAY
20	17.70	8.85	12.14	87.86	SHELL, GRAY
40	46.90	23.44	35.58	64.42	SHELL/SAND, GRAY
60	41.50	20.74	56.32	43.68	SAND, GRAY
100	51.50	25.74	82.06	17.94	SAND, GRAY
140	25.30	12.64	94.70	5.30	SAND, GRAY
200	8.40	4.20	98.90	1.10	SAND, GRAY
PAN	2.00	1.00	99.90		SILT, GRAY



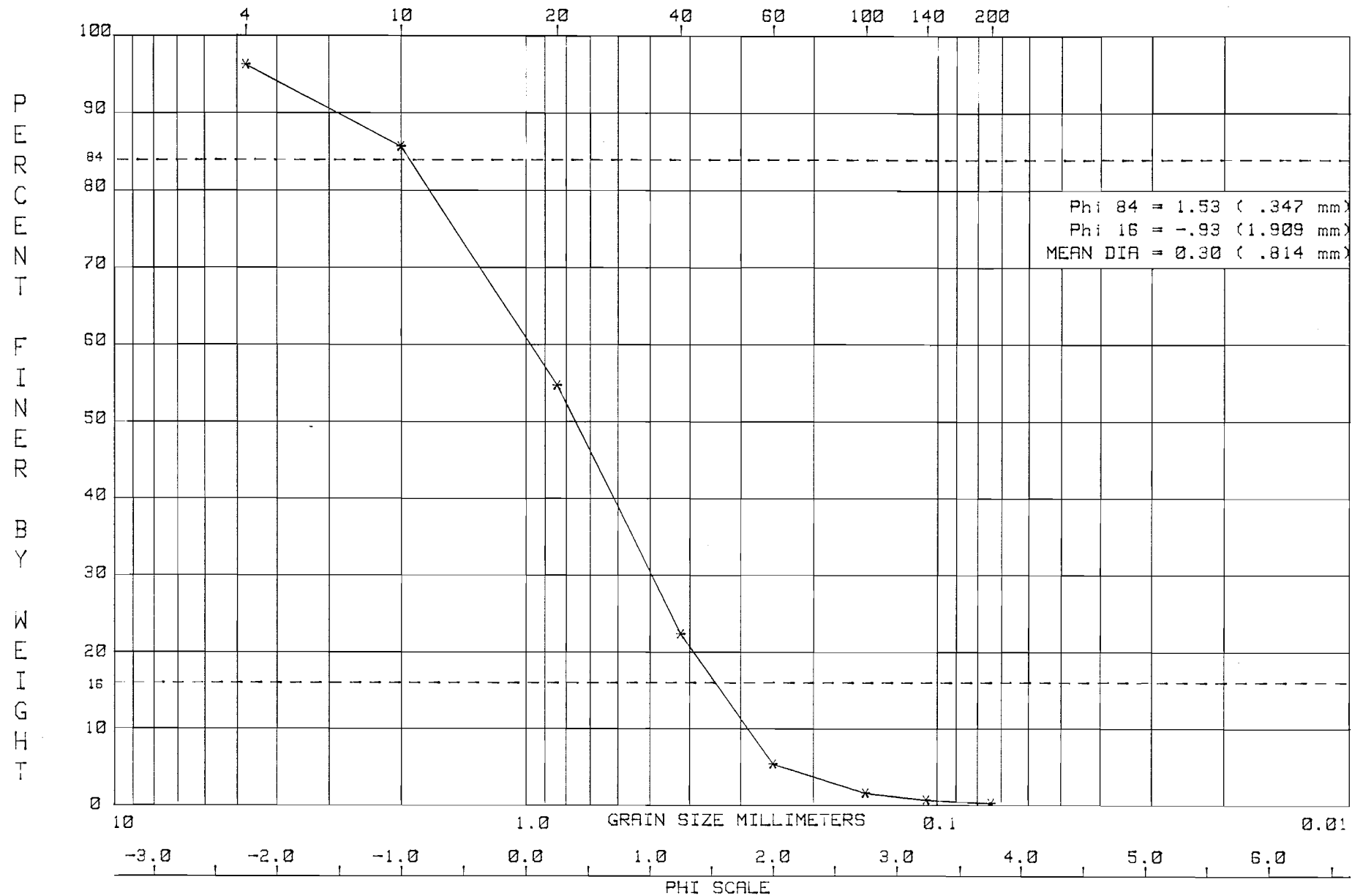
# U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89  
SAMPLE: 26A

BORING NO. : 26  
DEPTH (FT): 0.0-2.3

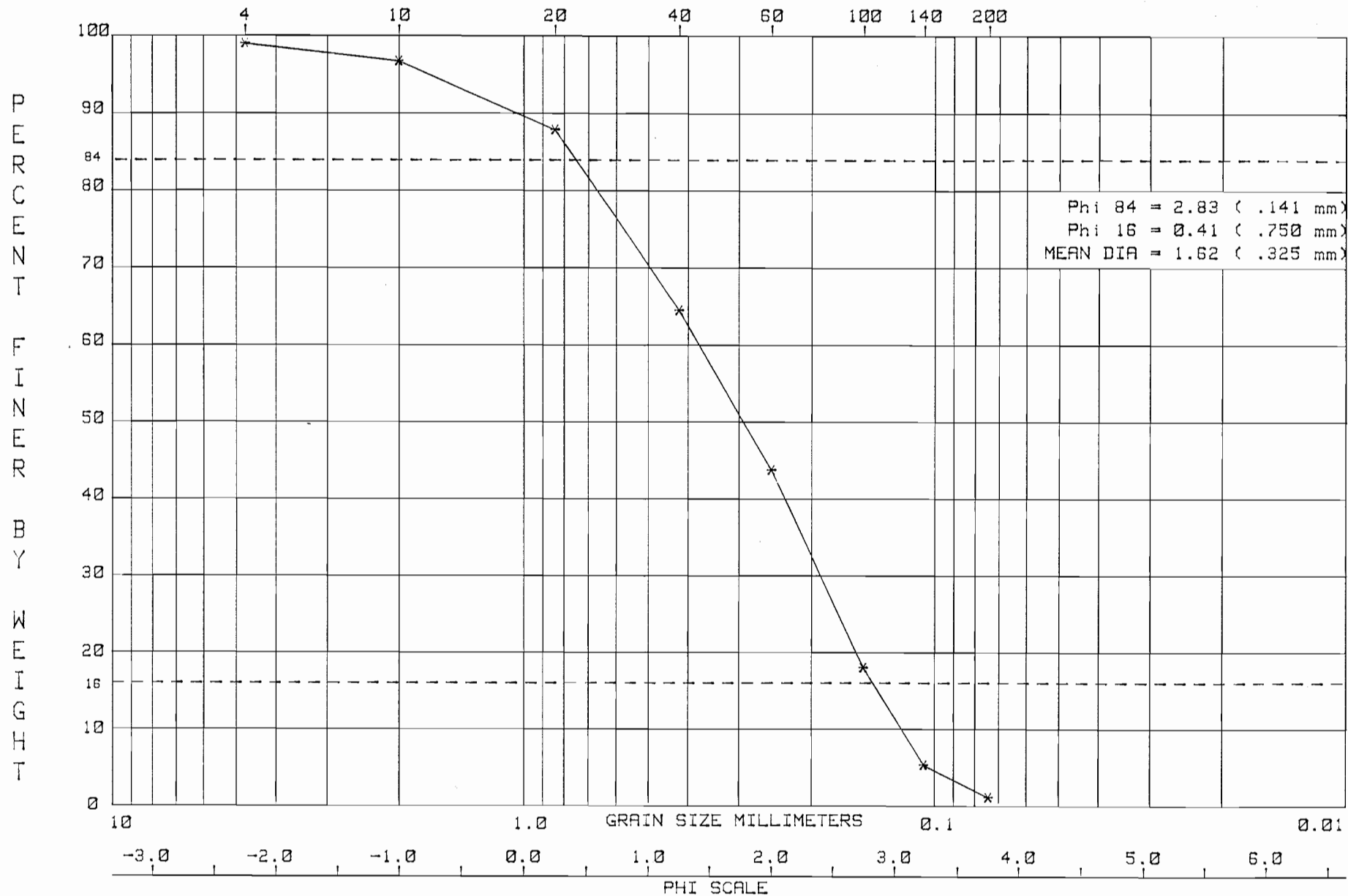
# U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89  
 SAMPLE: 26B

BORING NO. : 26  
 DEPTH (FT): 2.3-5.1

# U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89  
 SAMPLE: 26C

BORING NO. : 26  
 DEPTH (FT): 5.1-11.0