

GAHAGAN AND BRYANT ASSOCIATES, INC

SIEVE ANALYSIS DATA

SAMPLE: 21A

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 21

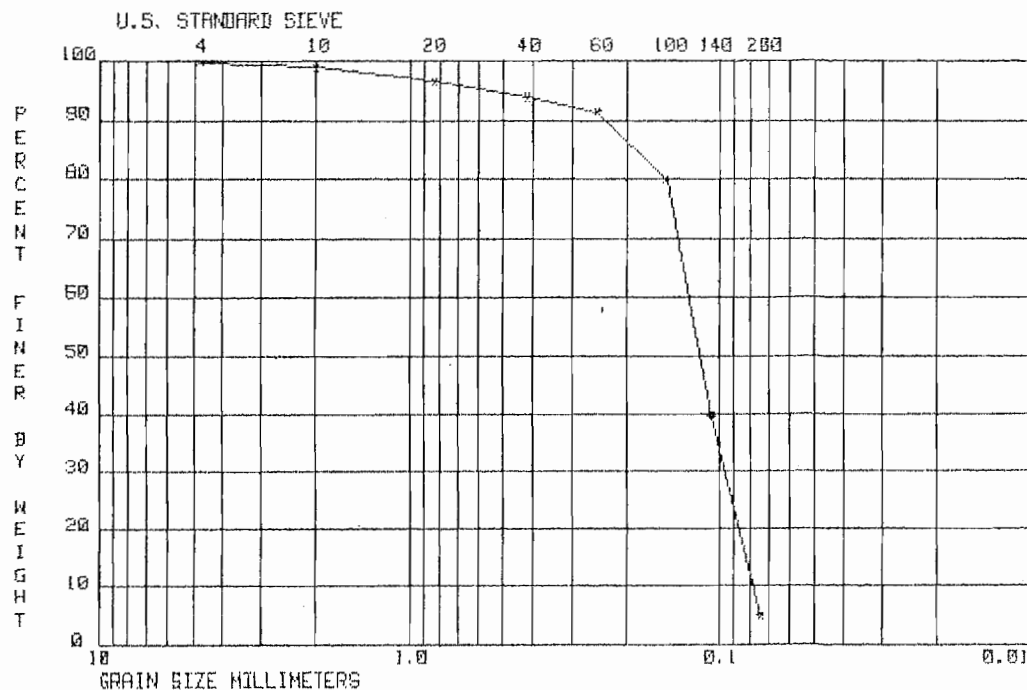
ANALYST: HAMBY

DEPTH (FT.): 0.0-3.8

ESTIMATED PERCENT OF SHELL: 15%

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, GRAY
10	1.90	.95	1.10	98.90	SHELL, GRAY
20	4.70	2.35	3.45	96.55	SHELL, GRAY
40	5.30	2.65	6.10	93.90	SHELL, GRAY
60	5.00	2.50	8.60	91.40	SAND, GRAY
100	23.00	11.49	20.09	79.91	SAND, GRAY
140	80.70	40.33	60.42	39.58	SAND, GRAY
200	69.50	34.73	95.15	4.85	SAND, GRAY
PAN	8.80	4.40	99.55		SILT, GRAY



GAHAGAN AND BRYANT ASSOCIATES, INC

SIEVE ANALYSIS DATA

SAMPLE: 21B

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 21

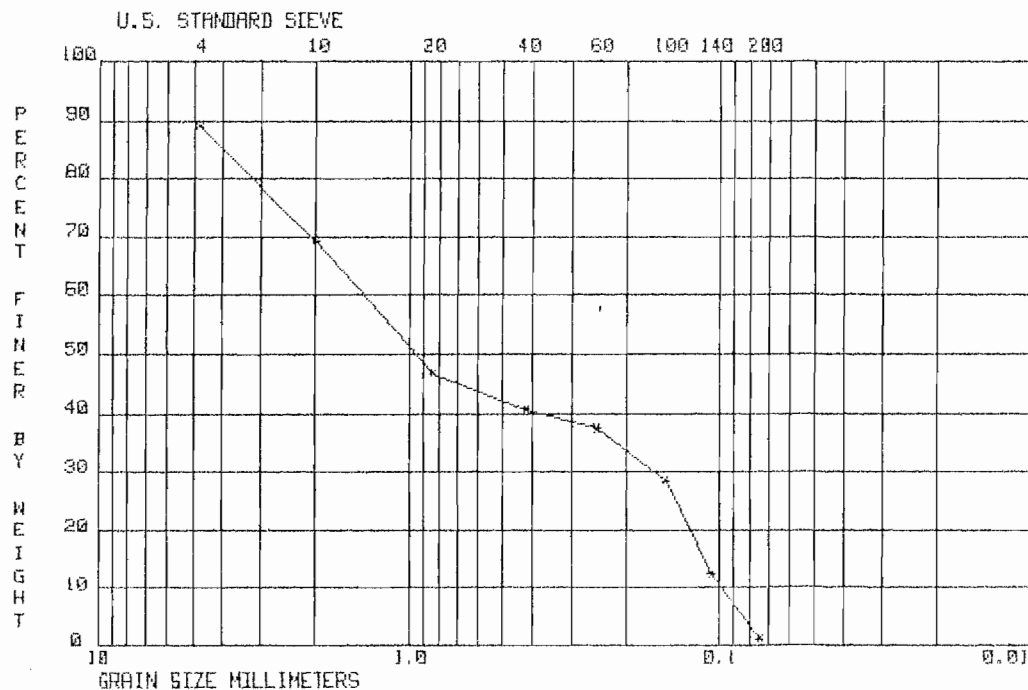
ANALYST: HAMBY

DEPTH (FT.): 3.8-8.9

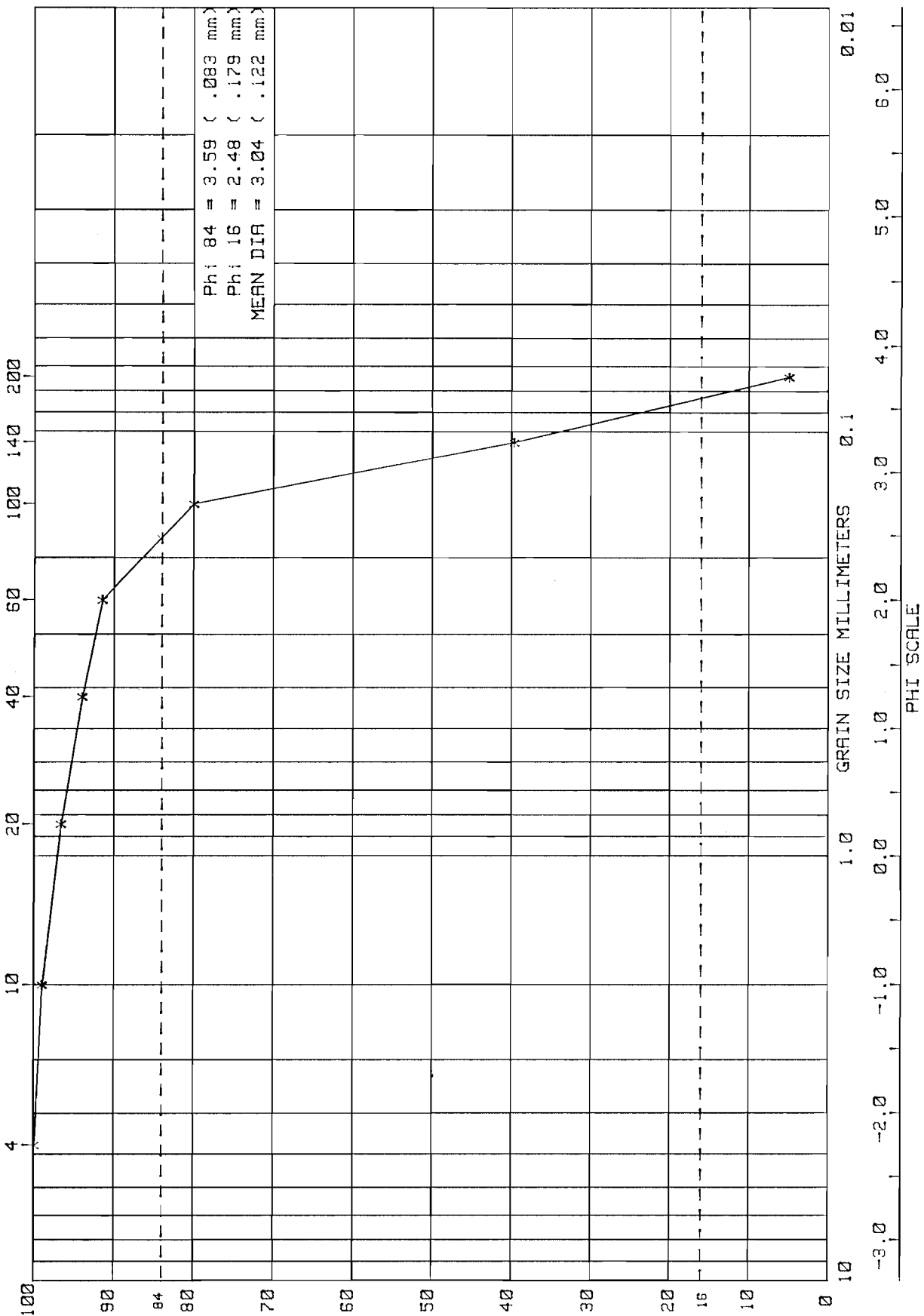
ESTIMATED PERCENT OF SHELL: 75%

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

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	22.20	11.10	11.10	88.90	SHELL, GRAY
10	39.20	19.60	30.70	69.30	SHELL, GRAY
20	45.20	22.60	53.30	46.70	SHELL, GRAY
40	12.00	6.00	59.30	40.70	SHELL, GRAY
60	6.60	3.30	62.60	37.40	SHELL/SAND, GRAY
100	18.10	9.05	71.65	28.35	SAND, GRAY
140	32.00	16.00	87.65	12.35	SAND, GRAY
200	22.80	11.40	99.05	.95	SAND, GRAY
PAN	1.60	.80	99.85		SILT, GRAY



U.S. STANDARD SIEVE



PERCENT FINER BY WEIGHT

JUPITER ISLAND, MAY 89
SAMPLE: 21A

BORING NO. : 21
DEPTH (FT): 0.0-3.8

PERCENT FINER BY WEIGHT

GRAIN SIZE MILLIMETERS

PHI SCALE

Phi 84 = 3.14 (.114 mm)
Phi 16 = 0.60 (.660 mm)
MEAN DIA = 0.60 (.660 mm)

Grain Size (mm)	Phi	Percent Finer (%)
10	-2.30	4
7.5	-1.77	10
4.75	-1.00	20
4.0	-0.85	40
2.5	-0.48	60
1.5	-0.18	95

BORING NO. : 21
DEPTH (FT): 3.8-8.9