

## GAHAGAN AND BRYANT ASSOCIATES, INC

## SIEVE ANALYSIS DATA

SAMPLE: 20A

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 20

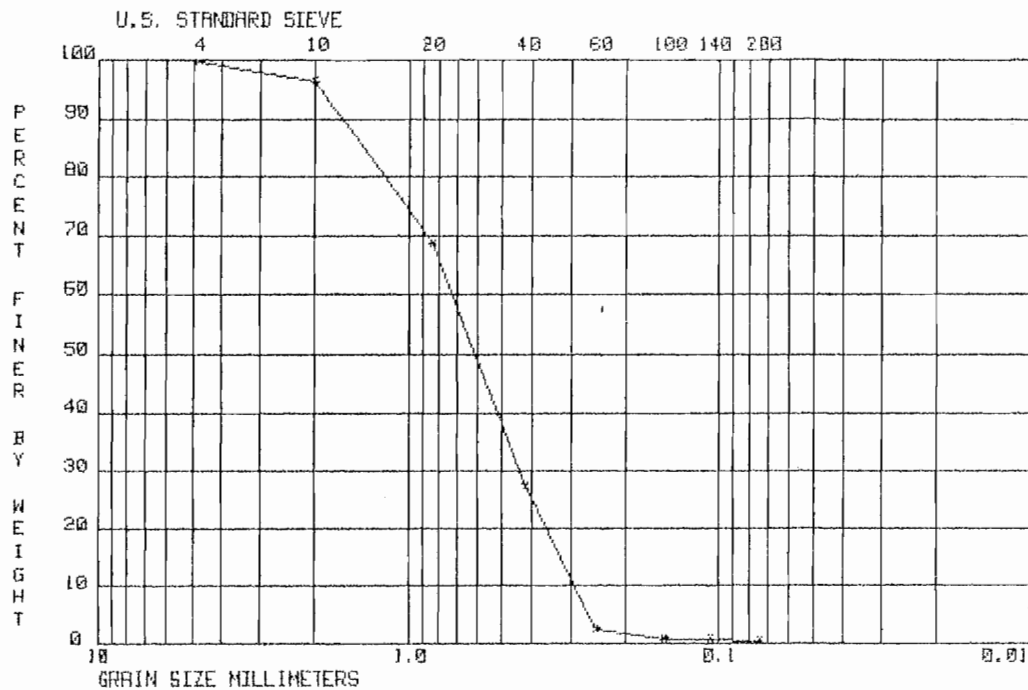
ANALYST: HAMBY

DEPTH (FT.): 0.0-3.1

ESTIMATED PERCENT OF SHELL: 80%

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

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	.60	.30	.30	99.70	SHELL, GRAY
10	6.70	3.35	3.65	96.35	SHELL, GRAY/TAN
20	55.50	27.72	31.37	68.63	SHELL, GRAY/TAN
40	82.30	41.11	72.48	27.52	SHELL/SAND, TAN/GRAY
60	50.20	25.07	97.55	2.45	SHELL/SAND, GRAY
100	3.40	1.70	99.25	.75	SAND, GRAY
140	.20	.10	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: 20B

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 20

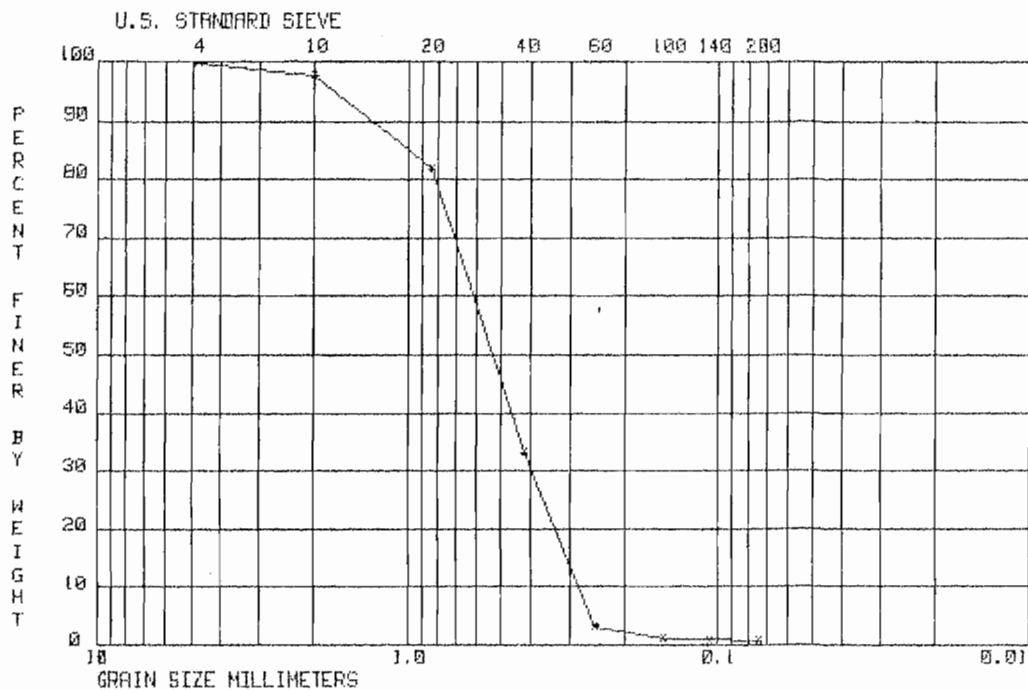
ANALYST: HAMBY

DEPTH (FT.): 3.1-5.2

ESTIMATED PERCENT OF SHELL: 95%

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

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	.40	.20	.20	99.80	SHELL, TAN
10	4.20	2.10	2.30	97.70	SHELL, TAN
20	31.70	15.83	18.12	81.88	SHELL, TAN
40	97.70	48.78	66.90	33.10	SHELL, TAN
60	60.00	29.96	96.85	3.15	SHELL/SAND, TAN
100	4.20	2.10	98.95	1.05	SAND, TAN/GRAY
140	.40	.20	99.15	.85	SAND, GRAY
200	.40	.20	99.35	.65	SAND, GRAY
PAN	.70	.35	99.70		SILT, GRAY



## GAHAGAN AND BRYANT ASSOCIATES, INC

## SIEVE ANALYSIS DATA

SAMPLE: 20C

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 20

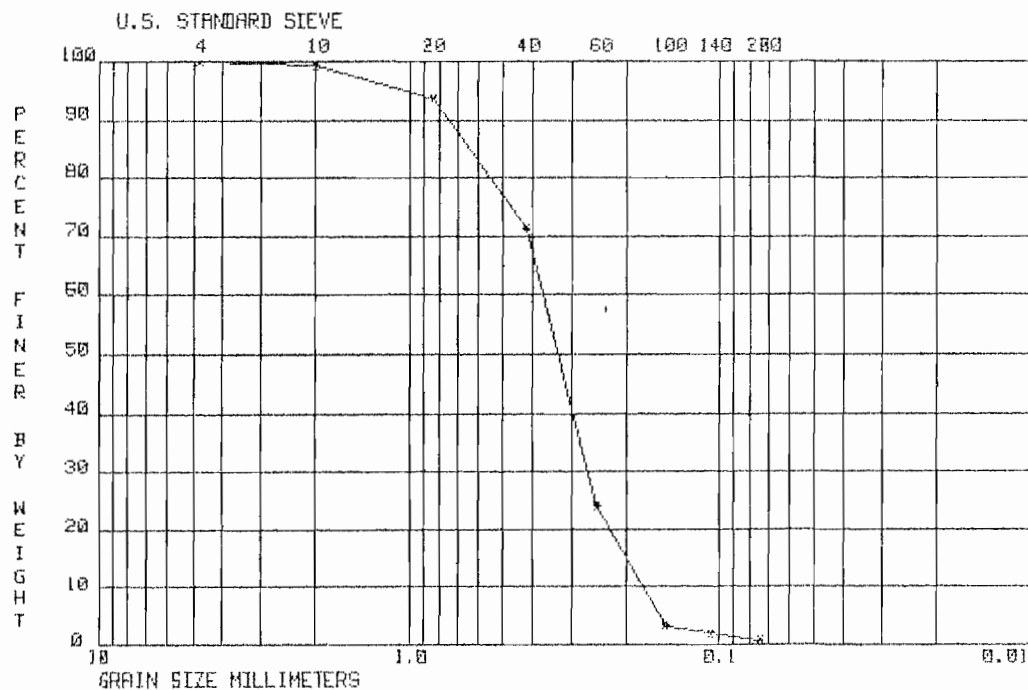
ANALYST: HAMBY

DEPTH (FT.): 5.2-9.2

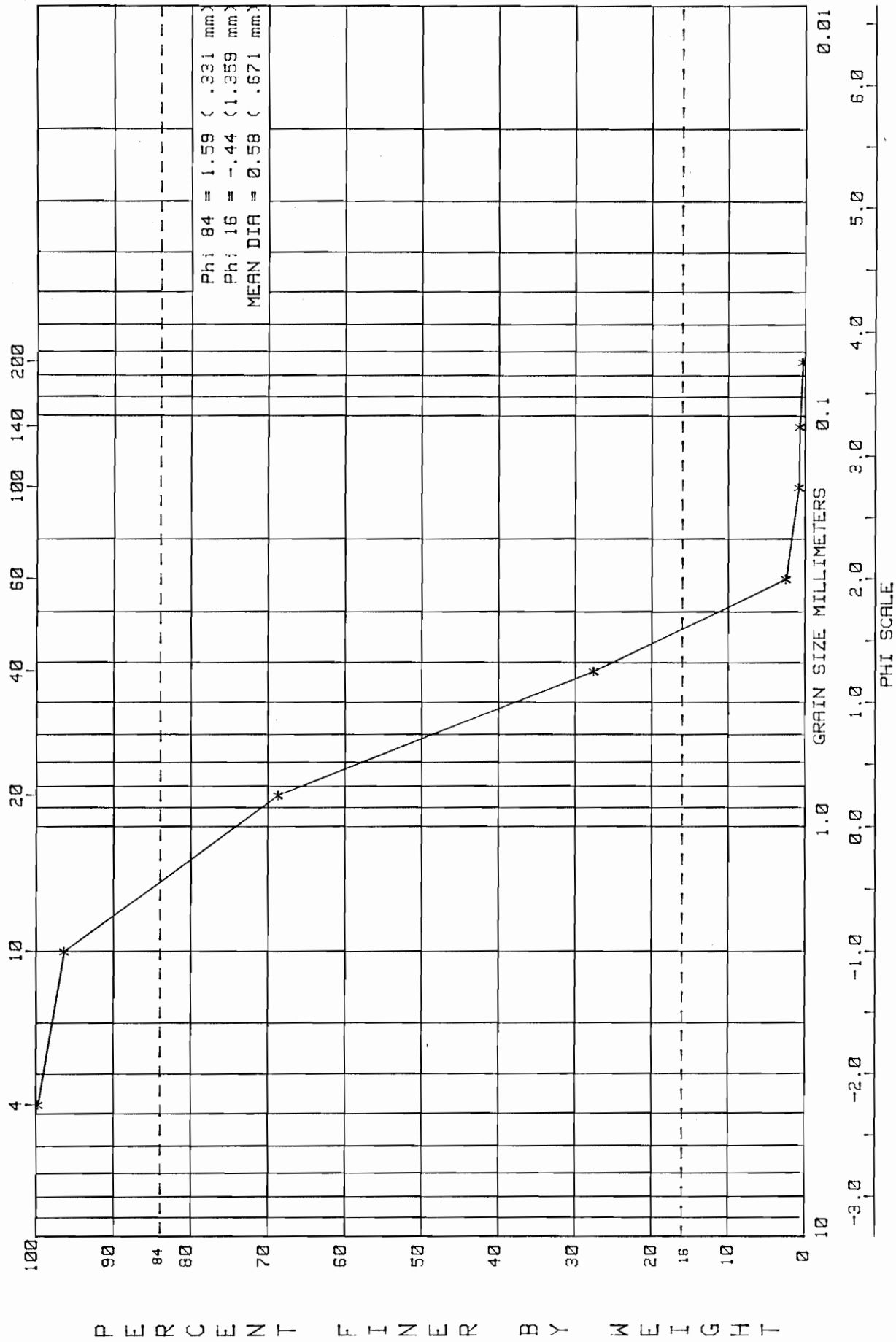
ESTIMATED PERCENT OF SHELL: 70%

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

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	11.10	5.54	6.24	93.76	SHELL, GRAY
40	44.90	22.41	28.64	71.36	SHELL, GRAY
60	95.10	47.46	76.10	23.90	SHELL/SAND, GRAY
100	41.60	20.76	96.86	3.14	SAND, GRAY
140	2.60	1.30	98.15	1.85	SAND, GRAY
200	2.30	1.15	99.30	.70	SAND, GRAY
PAN	1.20	.60	99.90		SILT



# U.S. STANDARD SIEVE



PERCENT FINER BY WEIGHT

GRAIN SIZE MILLIMETERS

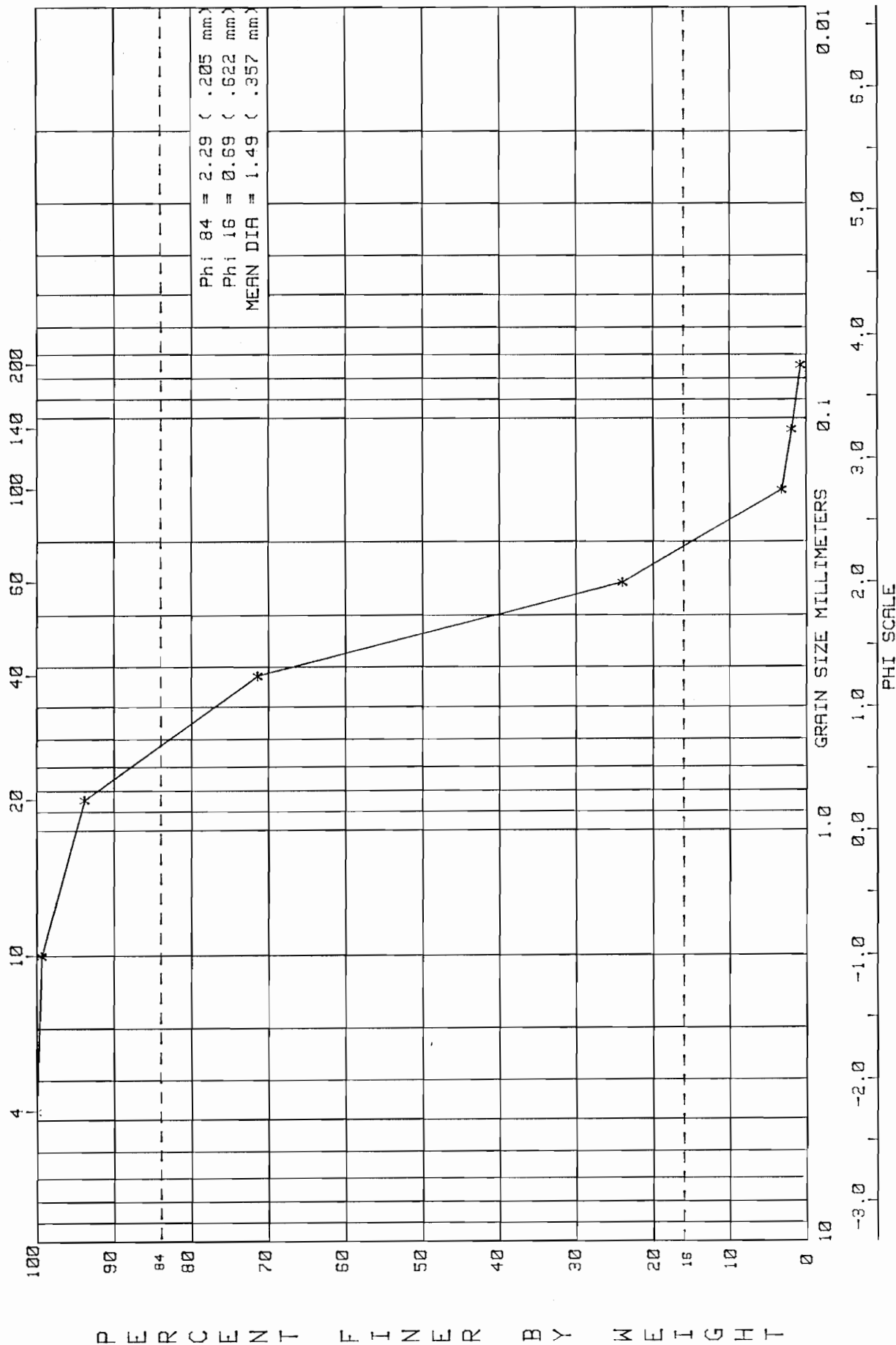
PHI SCALE

Phi 84 = 1.68 ( .312 mm )  
 Phi 16 = 0.08 ( .945 mm )  
 MEAN DIA = 0.88 ( .543 mm )

Grain Size (mm)	Phi Scale	Percent Finer (%)
10.0	-2.0	4.0
5.0	-1.0	10.0
2.0	0.0	20.0
1.0	1.0	35.0
0.5	2.0	60.0
0.25	2.6	85.0
0.15	2.9	90.0
0.1	3.0	92.0
0.075	3.1	94.0
0.06	3.2	96.0
0.05	3.3	98.0
0.04	3.4	100.0

BORING NO. : 20  
DEPTH (FT): 3.1-5.2

# U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89  
 SAMPLE: 20C

BORING NO. : 20  
 DEPTH (FT): 5.2-9.2