

GAHAGAN & BRYANT ASSOCIATES

LOG OF BORING

PROJECT: JUPITER ISLANDBORING LOCATION: X= 779,000Y= 1,031,500BORING NO.: 21DATE: May 20, 1989DRILLING CO.: ExmarELEVATION TOP OF HOLE: 28.5DRILLING RIG: Ocean ExplorerDATUM: MLWDRILL DESIGNATION: VibracoreTOTAL DEPTH OF HOLE: 12.0CORE DIAMETER: 3"LENGTH RECOVERED: 8.9INSPECTOR: C. Bryant

ELEVATION	DEPTH IN FEET	LEGEND	MATERIAL DESCRIPTION	SAMPLE NUMBER	REMARKS
28.5	0				
	1		SAND, gray, very fine to fine, trace shell, slightly silty. (SM)	21A	
	2				
32.3	3				
	4		SAND, gray, very fine to coarse, mixture very fine quartz and coarse shell, slightly silty. (SP-SM)	21B	75% crushed shell.
	5				
	6				
	7				Some large shell fragments. (1"-1.5")
	8				
37.4	9				
	10		SAND, gray, fine to medium.		Cemented sand and shell.
	11				
	12				
	13				
	14				
	15				
	16				
	17				
	18				
	19				
	20				

GAHAGAN AND BRYANT ASSOCIATES, INC

SIEVE ANALYSIS DATA

SAMPLE: 21A

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 21

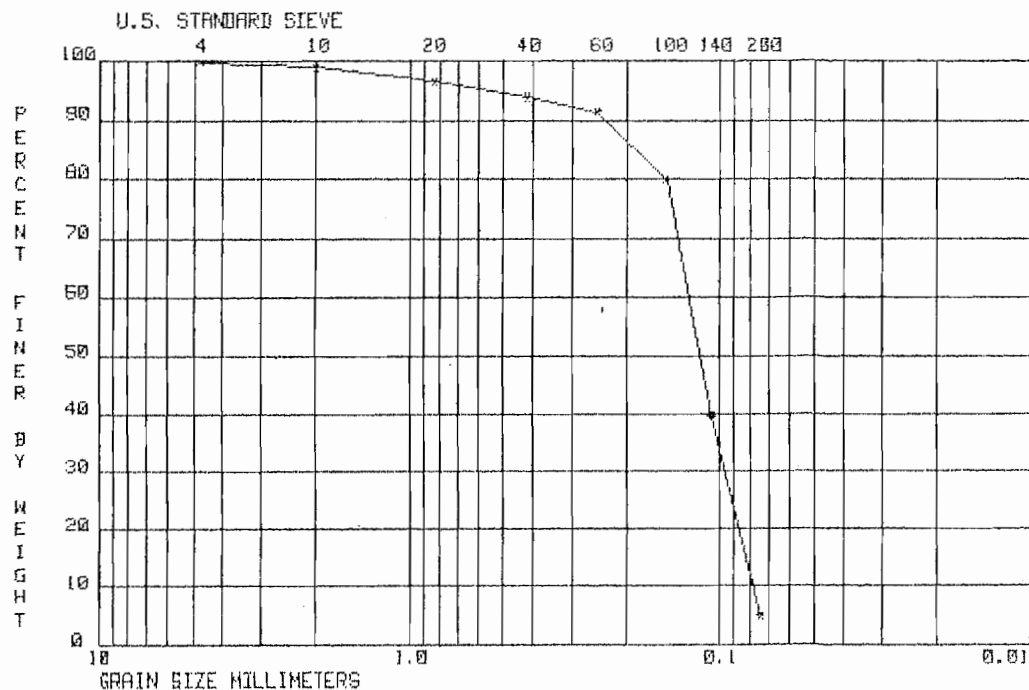
ANALYST: HAMBY

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



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SIEVE ANALYSIS DATA

SAMPLE: 21B

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 21

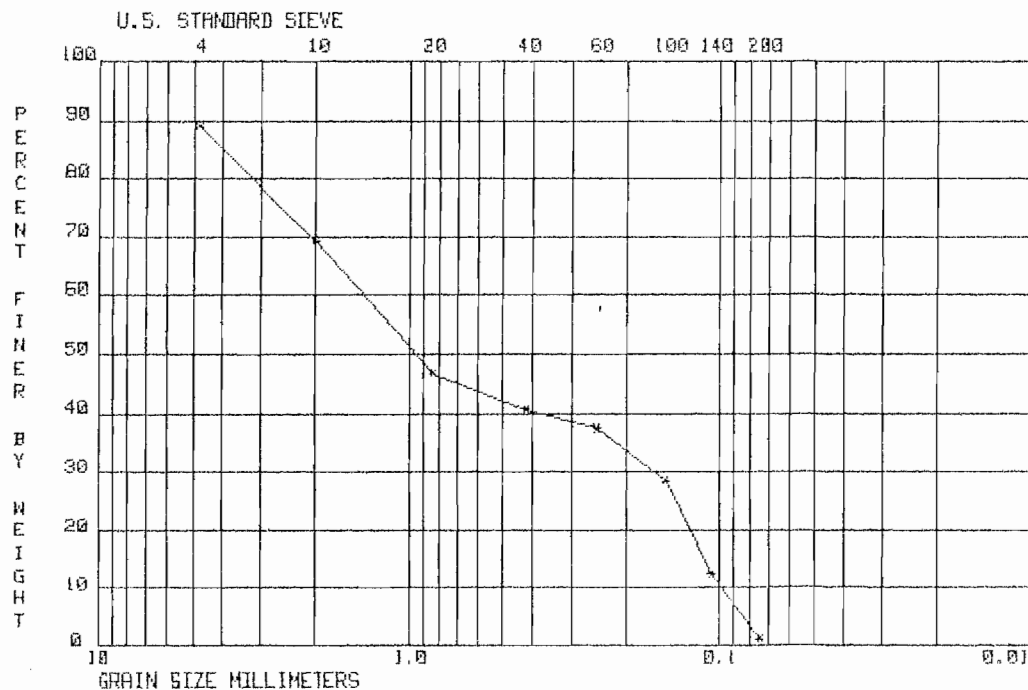
ANALYST: HAMBY

DEPTH (FT.): 3.8-8.9

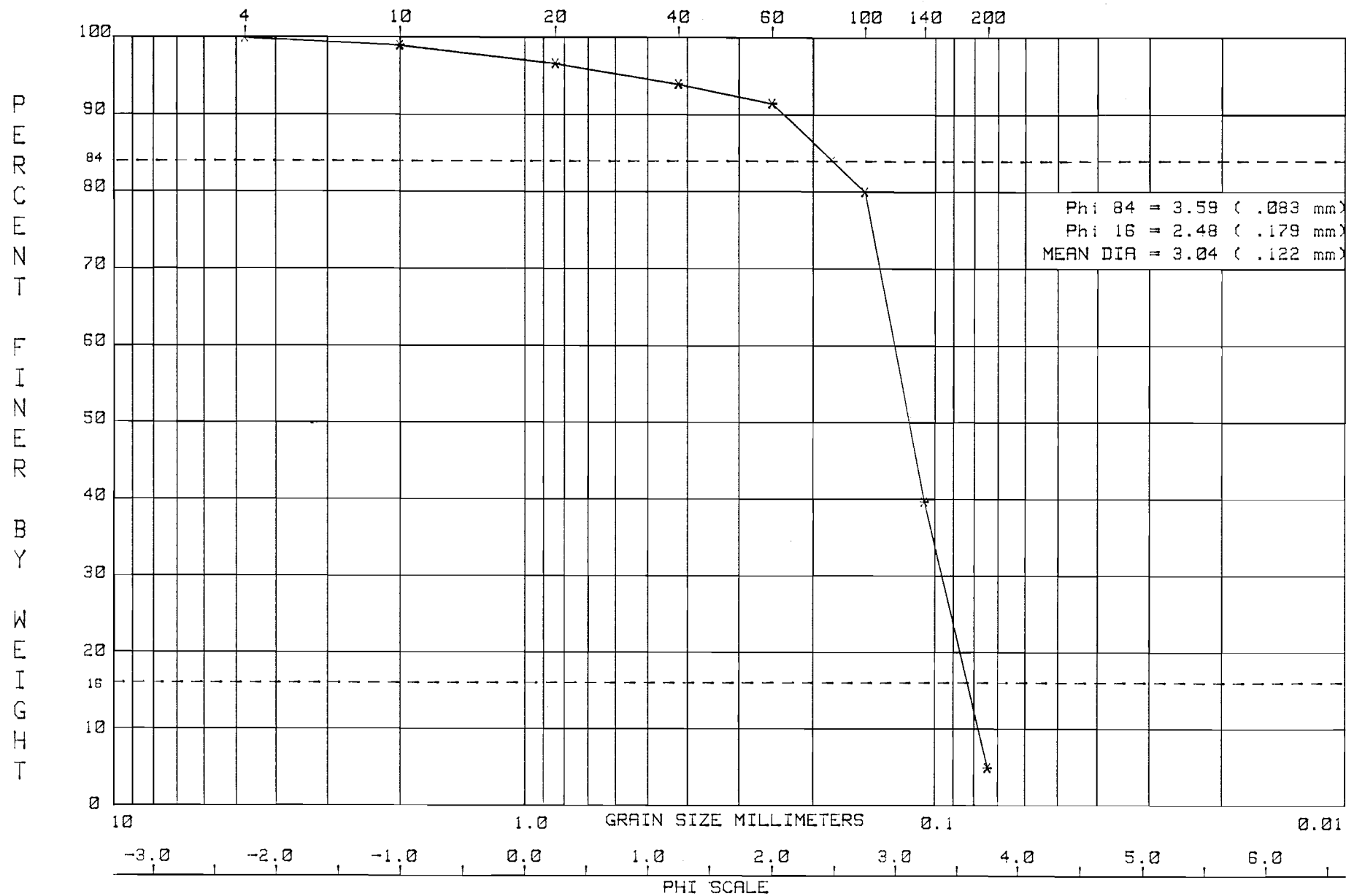
ESTIMATED PERCENT OF SHELL: 75%

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



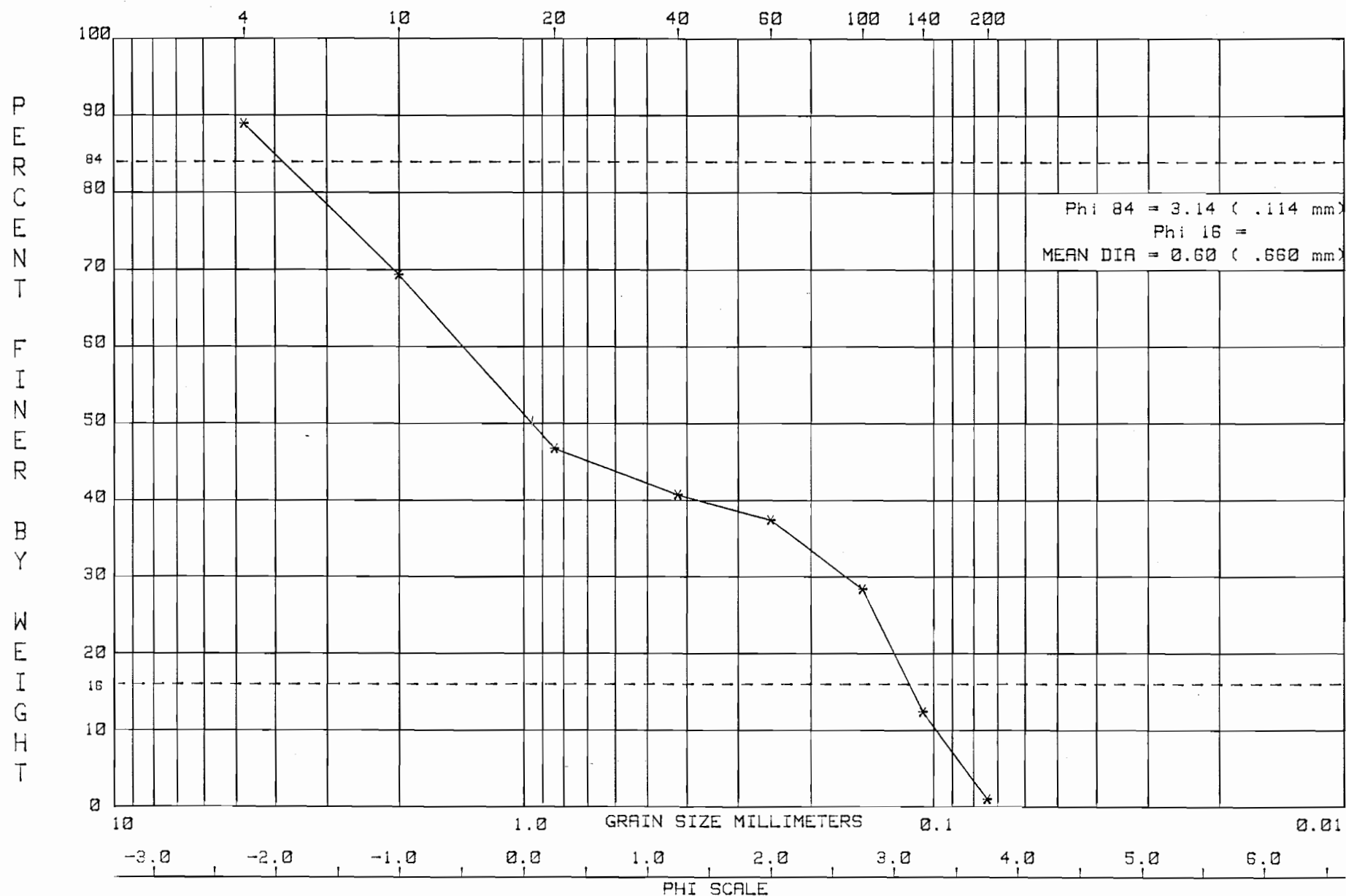
U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89
 SAMPLE: 21A

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

U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89
SAMPLE: 21B

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