

GAHAGAN & BRYANT ASSOCIATES

LOG OF BORING

PROJECT: JUPITER ISLAND

BORING LOCATION: X= 797,859

Y= 998,719

BORING NO.: 12

DATE: May 17, 1989

DRILLING CO.: Exmar

ELEVATION TOP OF HOLE: 45.0

DRILLING RIG: Ocean Explorer

DATUM: MLW

DRILL DESIGNATION: Vibracore

TOTAL DEPTH OF HOLE: 17.0

CORE DIAMETER: 3"

LENGTH RECOVERED: 13.0

INSPECTOR: C. Bryant

ELEVATION	DEPTH IN FEET	LEGEND	MATERIAL DESCRIPTION	SAMPLE NUMBER	REMARKS
45.0	0				
	1	•••••	SAND, tan-gray, medium to coarse, shell sand. (SP)	12A	80% crushed shell.
47.7	2	•••••			
	3	•••••	SAND, lt. gray, very fine to medium, slightly silty. (SM)		
	4	•••••			
	5	•••••			
	6	•••••			
	7	•••••			
	8	•••••		12B	Some large shell fragments. (1"-1.5")
	9	•••••			
	10	•••••			
	11	•••••			
58.0	12	•••••			
	13				
	14				
	15				
	16				
	17				
	18				
	19				
	20				

GAHAGAN AND BRYANT ASSOCIATES, INC

SIEVE ANALYSIS DATA

SAMPLE: 12A

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 12

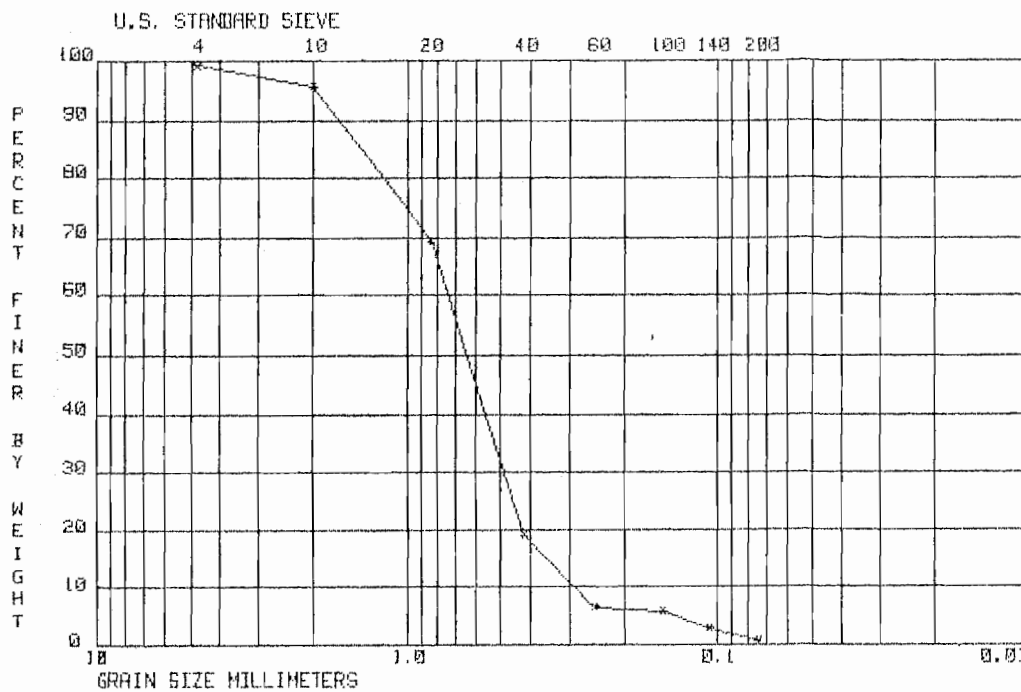
ANALYST: HAMBY

DEPTH (FT.): 0.0-2.7

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	1.50	.75	.75	99.25	SHELL FRAGS, GRAY
10	7.10	3.55	4.30	95.70	SHELL, GRAY
20	52.80	26.37	30.67	69.33	SHELL, GRAY
40	101.10	50.50	81.17	18.83	SHELL/SAND, TAN-GRAY
60	24.60	12.29	93.46	6.54	SAND/SHELL, TAN-GRAY
100	1.60	.80	94.26	5.74	SAND, GRAY
140	5.90	2.95	97.20	2.80	SAND, GRAY
200	4.50	2.25	99.45	.55	SAND, GRAY
PAN	.70	.35	99.80		SILT, GRAY



GAHAGAN AND BRYANT ASSOCIATES, INC

SIEVE ANALYSIS DATA

SAMPLE: 12B

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 12

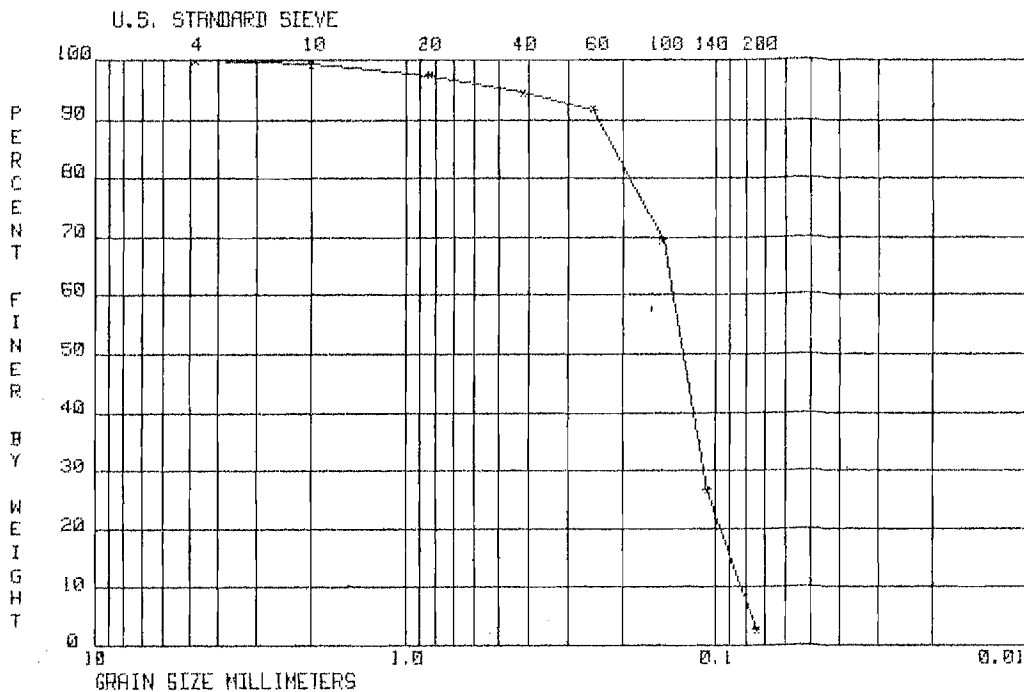
ANALYST: HAMBY

DEPTH (FT.): 2.7-13.0

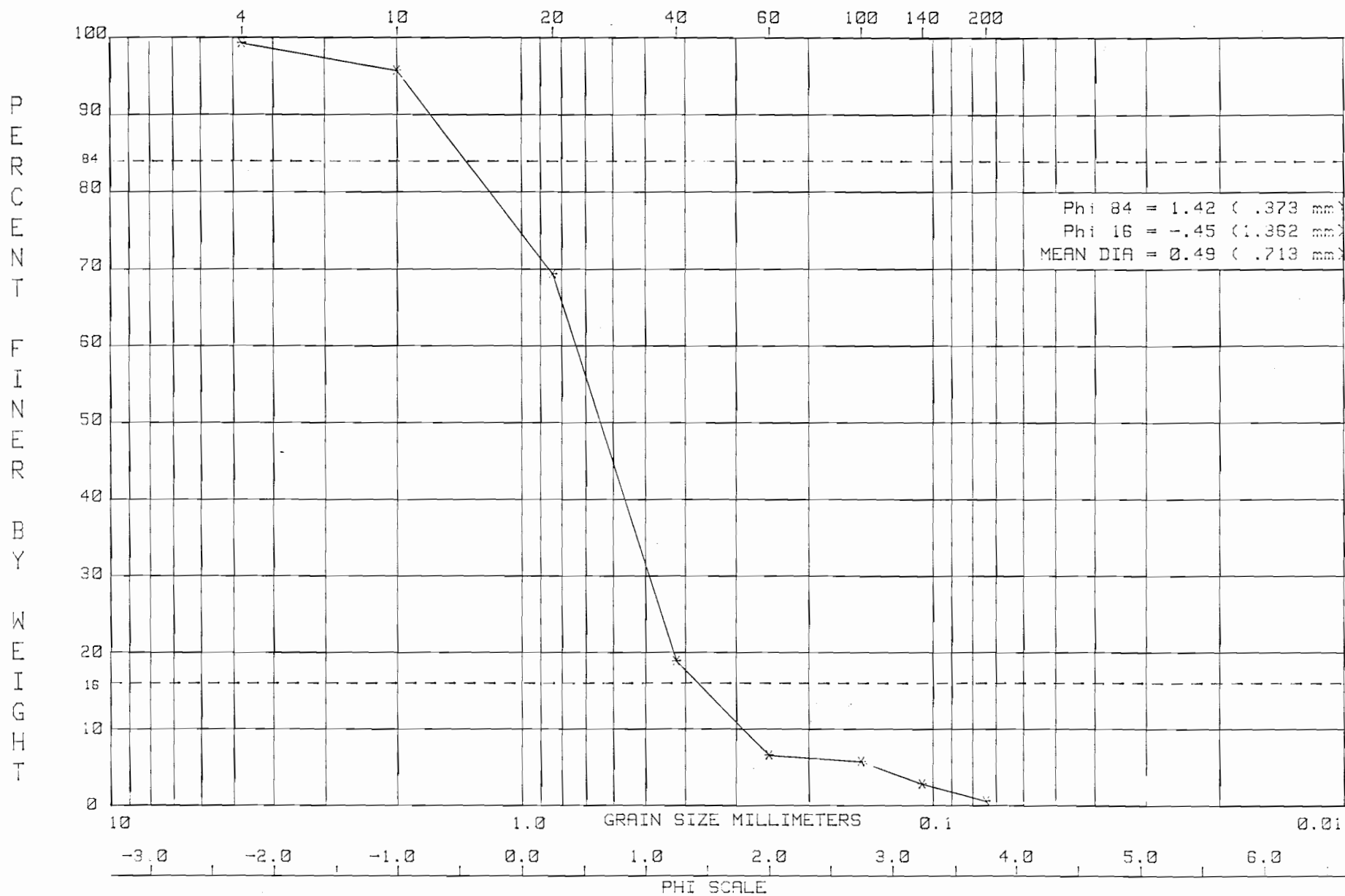
ESTIMATED PERCENT OF SHELL: 2 %

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	1.40	.70	.70	99.30	SHELL FRAGS.
20	3.60	1.80	2.50	97.50	SAND, GRAY
40	5.90	2.95	5.45	94.55	SAND, GRAY
60	5.70	2.85	8.30	91.70	SAND GRAY
100	44.40	22.20	30.50	69.50	SAND, GRAY
140	86.00	43.00	73.50	26.50	SAND, GRAY
200	47.90	23.95	97.45	2.55	SAND, GRAY
PAN	4.90	2.45	99.90		SILT, GRAY



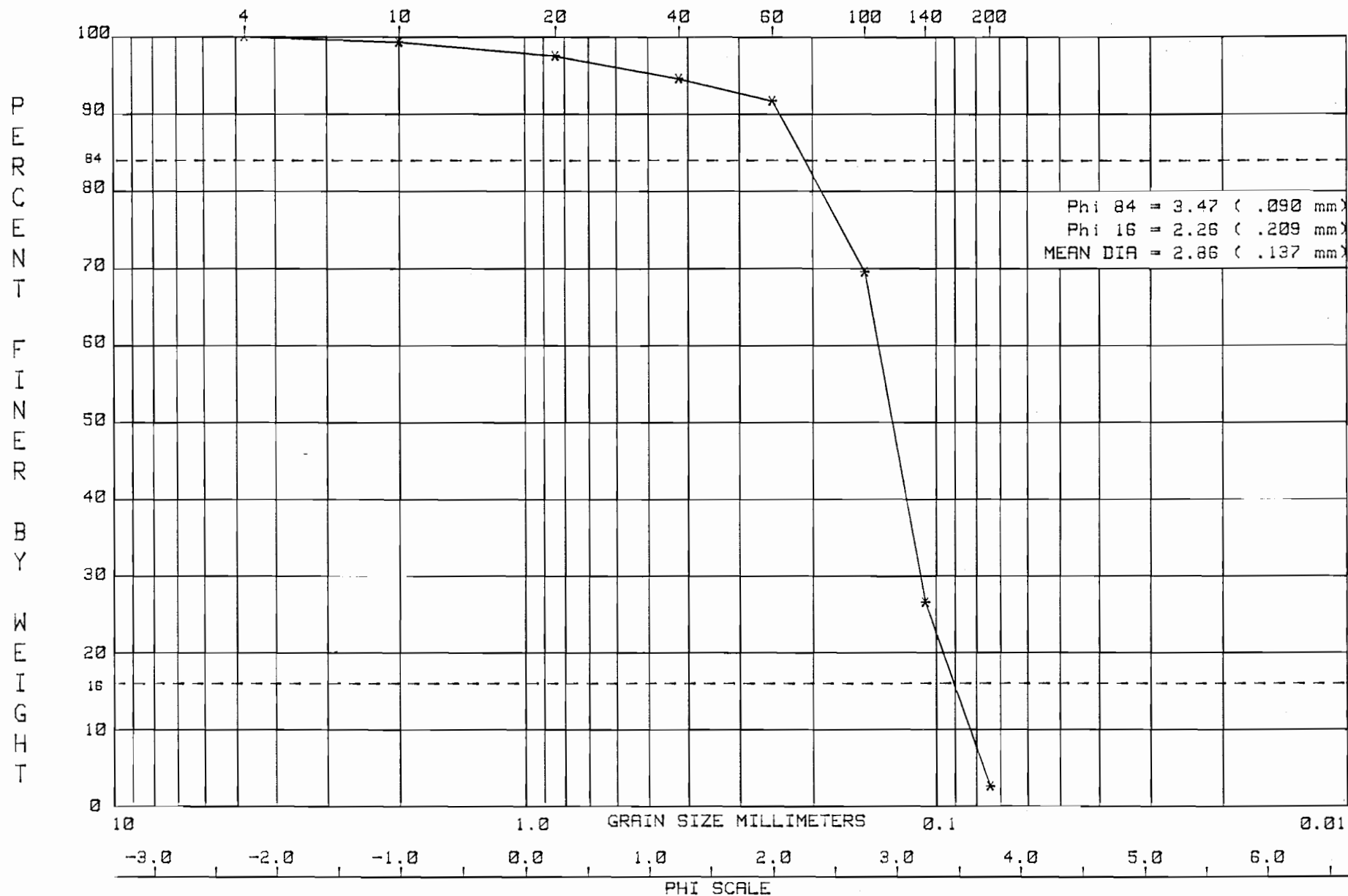
U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89
 SAMPLE: 12A

BORING NO. 12
 DEPTH (FT): 0.0-2.7

U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89
 SAMPLE: 12B

BORING NO. : 12
 DEPTH (FT): 2.7-13.0