

GAHAGAN & BRYANT ASSOCIATES

LOG OF BORING

PROJECT: JUPITER ISLAND

BORING LOCATION: X= 800,336

Y= 994,262

BORING NO.: 10

DATE: May 17, 1989

DRILLING CO.: Exmar

ELEVATION TOP OF HOLE: 32.8

DRILLING RIG: Ocean Explorer

DATUM: MLW

DRILL DESIGNATION: Vibracore

TOTAL DEPTH OF HOLE: 15.5

CORE DIAMETER: 3"

LENGTH RECOVERED: 14.5

INSPECTOR: C. Bryant

ELEVATION	DEPTH IN FEET	LEGEND	MATERIAL DESCRIPTION	SAMPLE NUMBER	REMARKS
32.8	0				
	1		SAND, tan-gray, medium to coarse, shell sand with quartz. (SP)	10A	80% crushed shell.
	2				
	3				
	4				
	5				
	6				
39.7	7				
	8		SAND, lt. gray, very fine to medium, slightly silty. (SM)	10B	
	9				
	10				
	11				
	12				
	13				
47.3	14				
	15				
	16				
	17				
	18				
	19				
	20				

GAHAGAN AND BRYANT ASSOCIATES, INC

SIEVE ANALYSIS DATA

SAMPLE: 10A

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 10

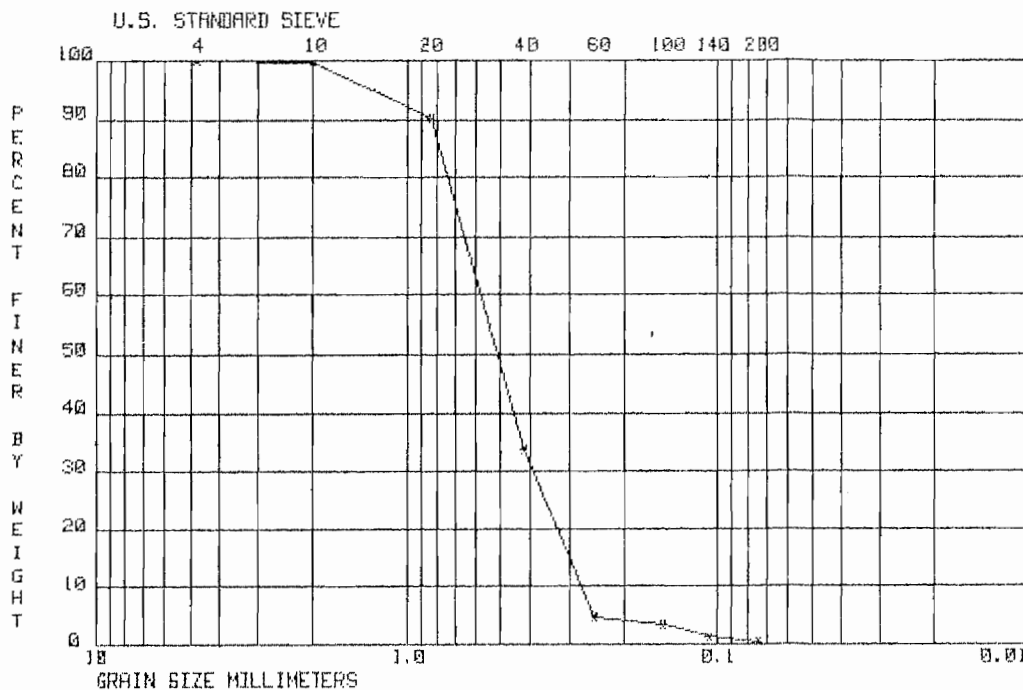
ANALYST: HAMBY

DEPTH (FT.): 0.0-6.9

ESTIMATED PERCENT OF SHELL: 80%

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	.30	.15	.15	99.85	SHELL FRAGS, TAN-GRAY
20	19.40	9.68	9.83	90.17	SHELL FRAGS, TAN-GRAY
40	113.20	56.49	66.32	33.68	SHELL, TAN-GRAY
60	58.30	29.09	95.41	4.59	SHELL/SAND, GRAY
100	2.70	1.35	96.76	3.24	SAND, GRAY
140	4.20	2.10	98.85	1.15	SAND, GRAY
200	1.70	.85	99.70	.30	SAND, GRAY
PAN	.30	.15	99.85		SILT, GRAY



GAHAGAN AND BRYANT ASSOCIATES, INC

SIEVE ANALYSIS DATA

SAMPLE: 10B

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 10

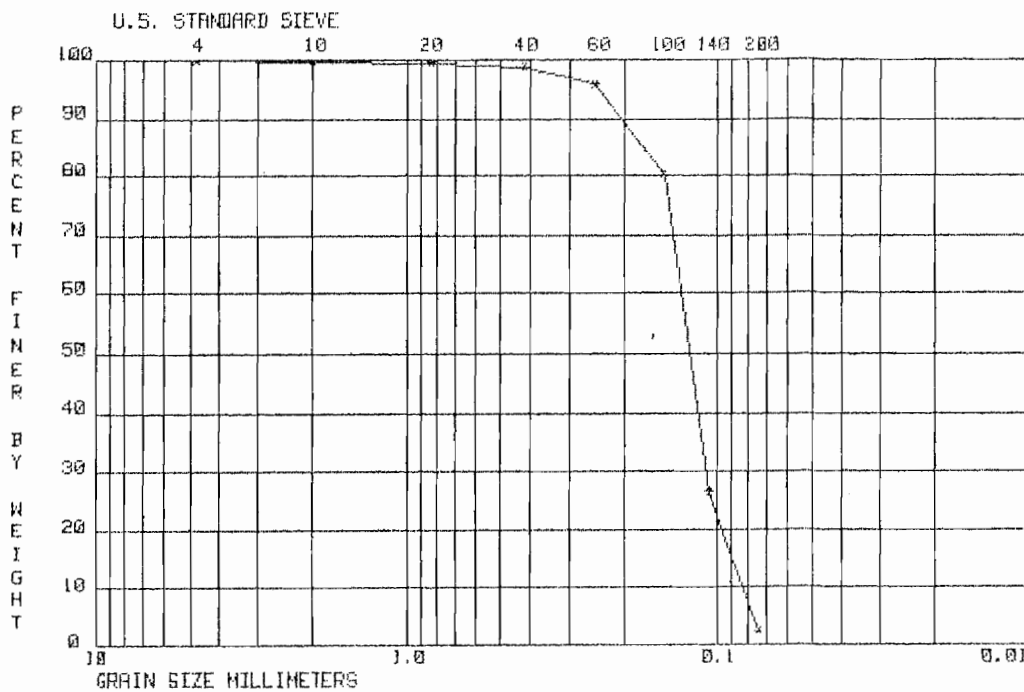
ANALYST: HAMBY

DEPTH (FT.): 6.9-14.5

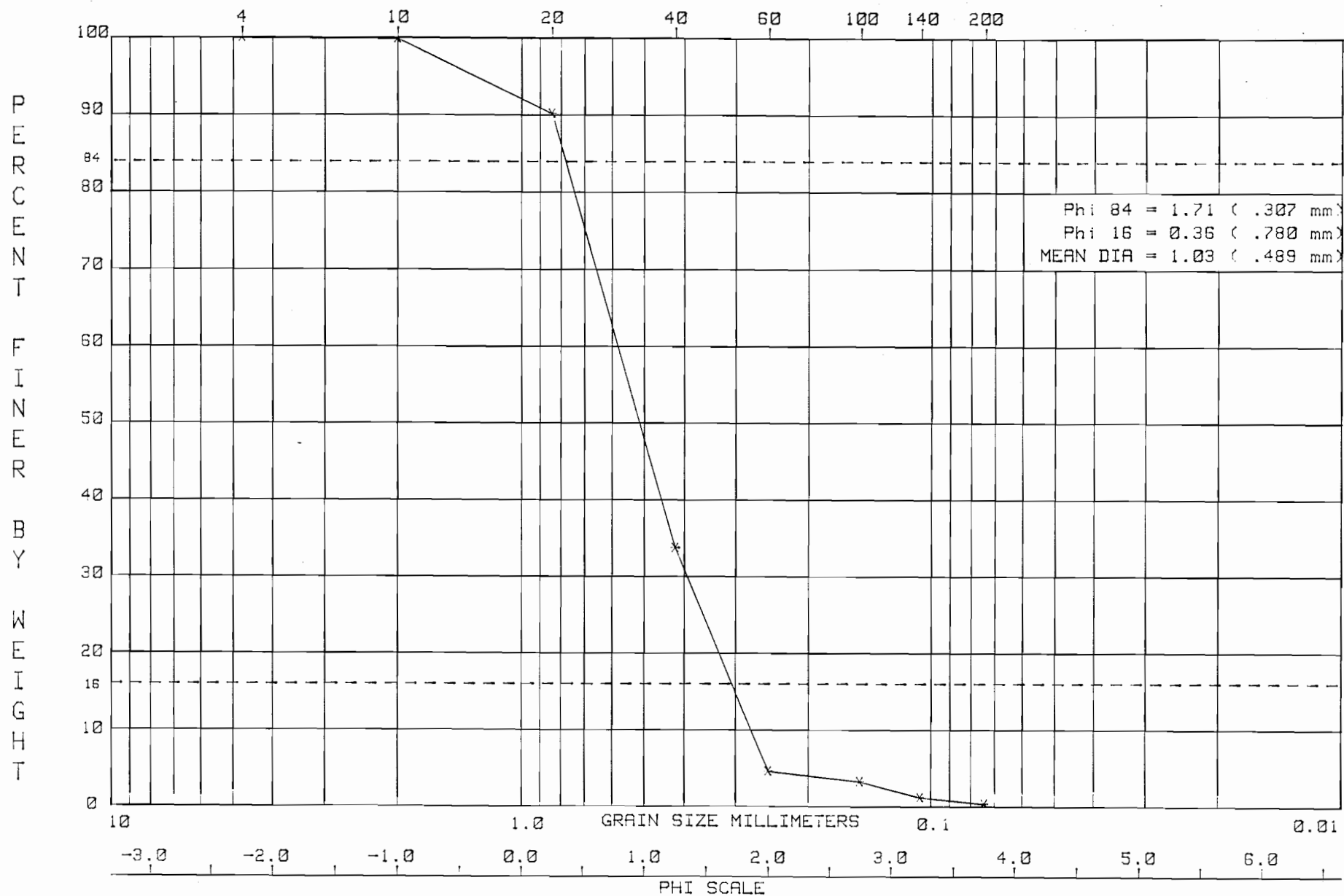
ESTIMATED PERCENT OF SHELL: 2 %

WEIGHT (grams) OF WHOLE SAMPLE (DRY): 199.60

SIEVE NO.	WEIGHT RETAINED	WEIGHT PERCENT	CUMULATIVE % RETAINED	PERCENT PASSING	DESCRIPTION OF MATERIAL RETAINED
4	0.00	0.00	0.00	100.00	
10	.20	.10	.10	99.90	SHELL FRAGS.
20	.80	.40	.50	99.50	SHELL, GRAY
40	1.60	.80	1.30	98.70	SHELL, GRAY
60	5.60	2.81	4.11	95.89	SHELL, GRAY
100	31.40	15.73	19.84	80.16	SHELL, GRAY
140	107.10	53.66	73.50	26.50	SHELL, GRAY
200	48.20	24.15	97.65	2.35	SHELL, GRAY
PAN	4.70	2.35	100.00		SILT, GRAY



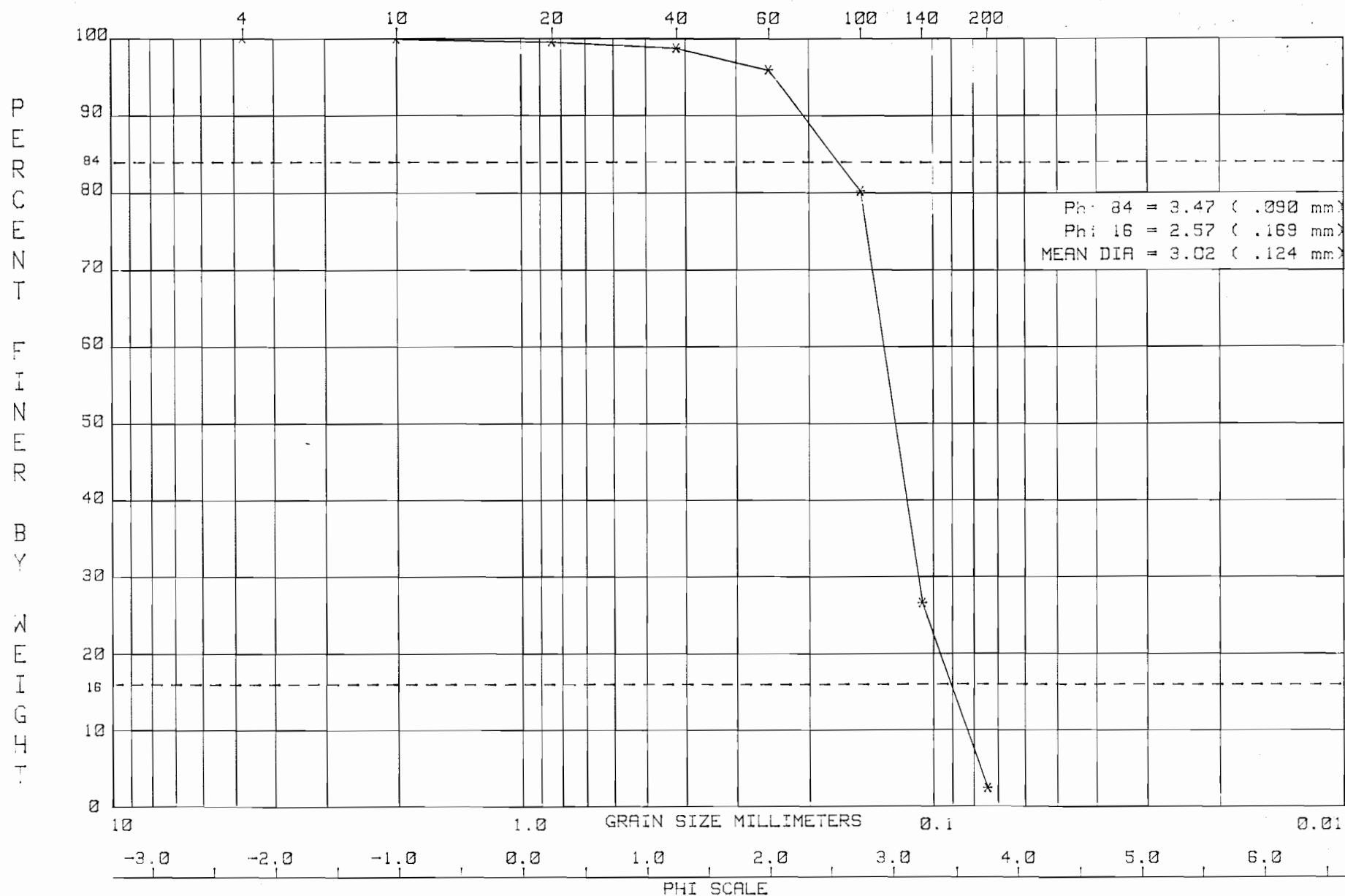
U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89
 SAMPLE: 10A

BORING NO. : 10
 DEPTH (FT): 0.0-6.9

U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89
 SAMPLE: 10B

BORING NO. : 10
 DEPTH (FT): 6.9-14.5