

GAHAGAN & BRYANT ASSOCIATES

LOG OF BORING

PROJECT: JUPITER ISLAND

BORING LOCATION: X= 795,500

Y= 1,016,500

BORING NO.: 19

DATE: May 18, 1989

DRILLING CO.: Exmar

ELEVATION TOP OF HOLE: 40.3

DRILLING RIG: Ocean Explorer

DATUM: MLW

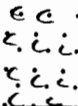

DRILL DESIGNATION: Vibracore

TOTAL DEPTH OF HOLE: 6.5

CORE DIAMETER: 3"

LENGTH RECOVERED: 3.1

INSPECTOR: C. Bryant

ELEVATION	DEPTH IN FEET	LEGEND	MATERIAL DESCRIPTION	SAMPLE NUMBER	REMARKS
40.3	0				
42.0	1		SAND, lt. gray, medium to coarse shell, fine quartz. (SP)	19A	80% crushed shell.
43.4	2		SAND, lt. gray, very fine to medium, trace shell, slightly silty. (SM)	19B	
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	19				
	20				

GAHAGAN AND BRYANT ASSOCIATES, INC

SIEVE ANALYSIS DATA

SAMPLE: 19A

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 19

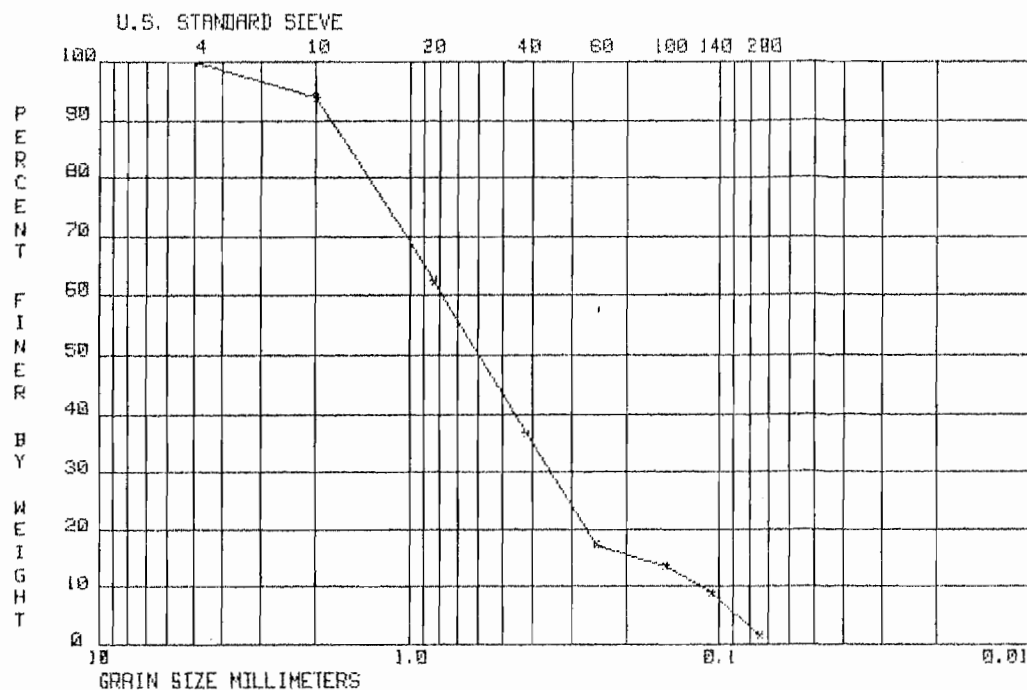
ANALYST: HAMBY

DEPTH (FT.): 0.0-1.7

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	.40	.20	.20	99.80	SHELL, GRAY
10	11.80	5.89	6.09	93.91	SHELL, GRAY
20	63.00	31.47	37.56	62.44	SHELL, GRAY
40	51.50	25.72	63.29	36.71	SHELL, GRAY
60	38.90	19.43	82.72	17.28	SHELL, GRAY
100	7.40	3.70	86.41	13.59	SHELL, GRAY
140	9.30	4.65	91.06	8.94	SAND, GRAY
200	15.00	7.49	98.55	1.45	SAND, GRAY
PAN	2.40	1.20	99.75		SILT, GRAY



GAHAGAN AND BRYANT ASSOCIATES, INC

SIEVE ANALYSIS DATA

SAMPLE: 19B

PROJECT: JUPITER ISLAND

DATE: MAY 1989

BORING NO. : 19

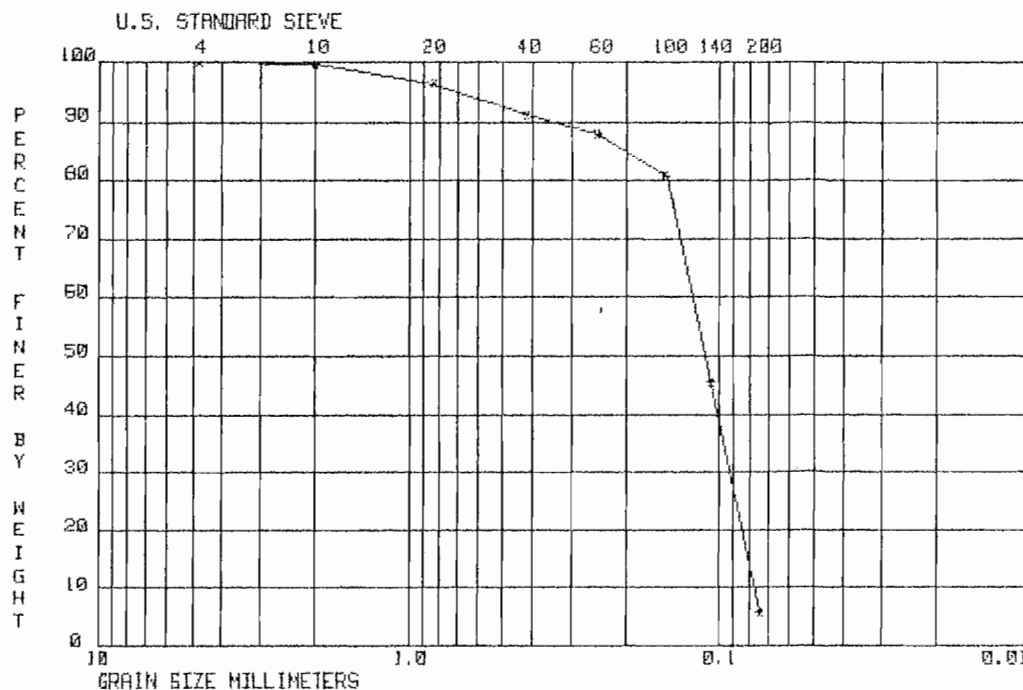
ANALYST: HAMBY

DEPTH (FT.): 1.7-3.1

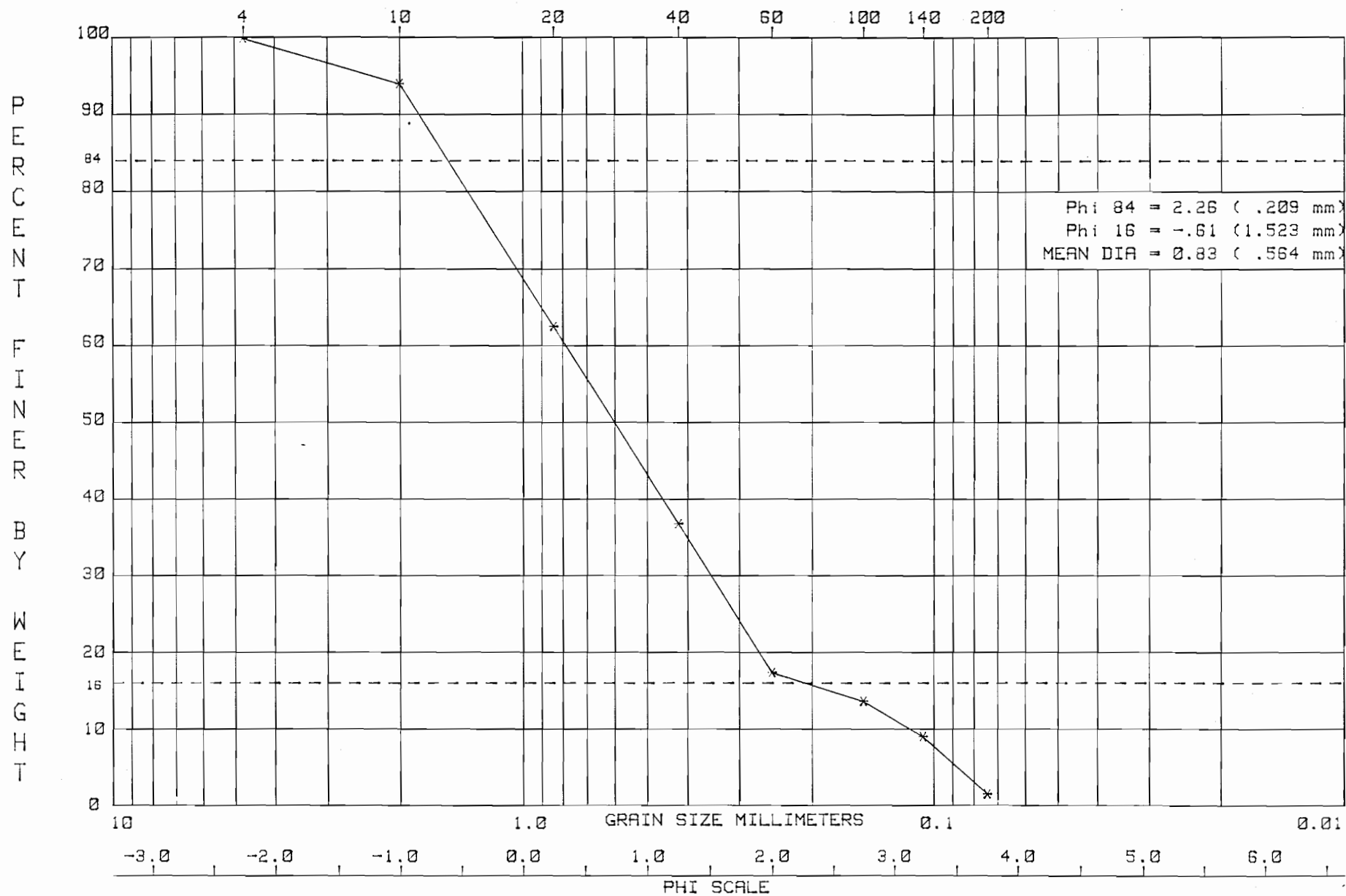
ESTIMATED PERCENT OF SHELL: 5 %

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	.70	.35	.35	99.65	SHELL/GRAVEL, GRAY
20	6.50	3.24	3.59	96.41	SHELL, GRAY
40	10.50	5.24	8.83	91.17	SHELL, GRAY
60	6.70	3.34	12.18	87.82	SAND, GRAY
100	14.00	6.99	19.16	80.84	SAND, GRAY
140	71.00	35.43	54.59	45.41	SAND, GRAY
200	79.80	39.82	94.41	5.59	SAND GRAY
PAN	11.20	5.59	100.00		SILT, GRAY

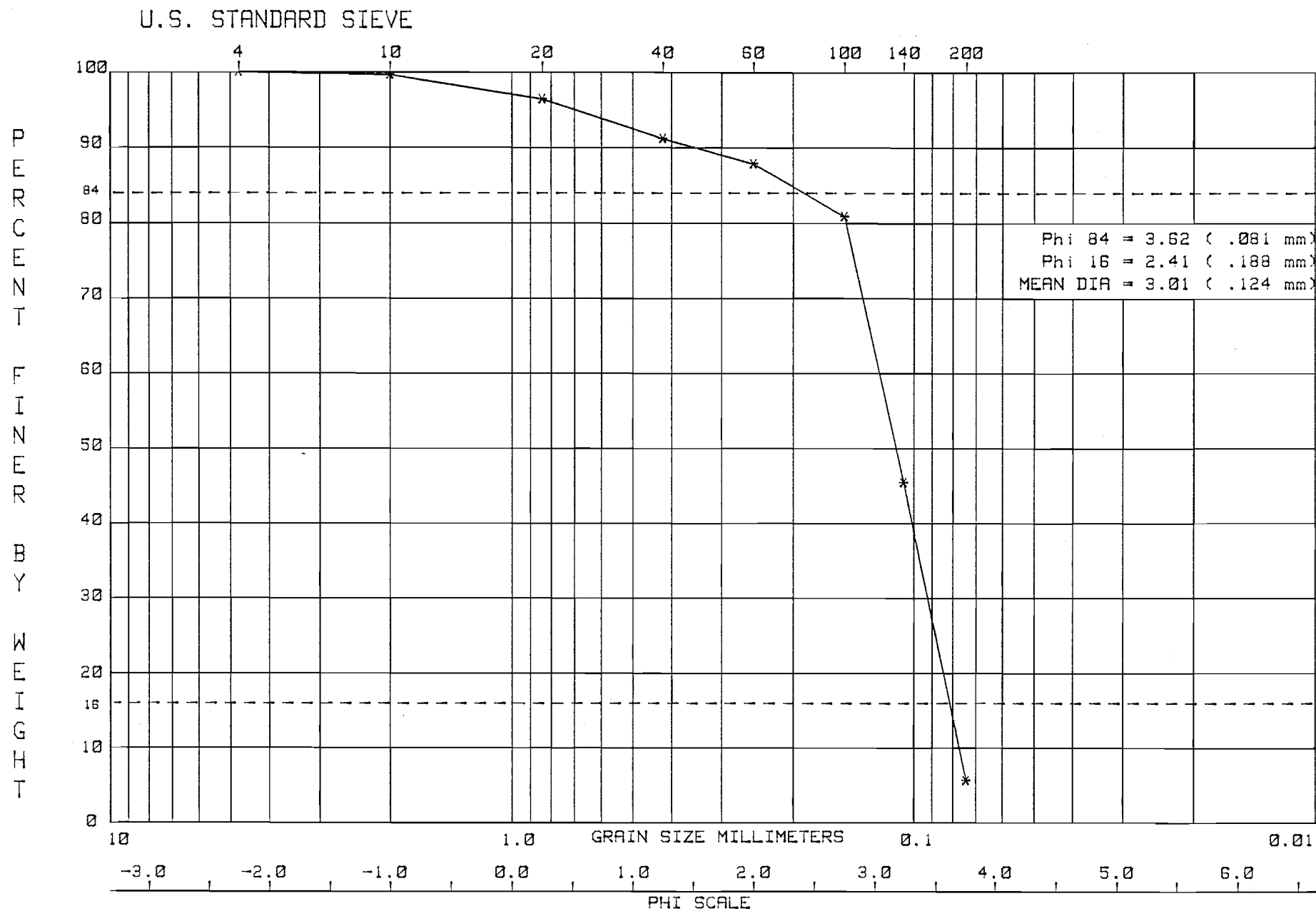


U.S. STANDARD SIEVE



JUPITER ISLAND, MAY 89
 SAMPLE: 19A

BORING NO. : 19
 DEPTH (FT): 0.0-1.7



JUPITER ISLAND, MAY 89
SAMPLE: 19B

BORING NO. : 19
DEPTH (FT): 1.7-3.1