

GRADATION ANALYSIS REPORT
TOWN OF PALM BEACH VIBRACORES 9/20 & 9/21/88

SAMPLE TYPE: CORE SAMPLES

NAME: FGK

DATE: OCT. 3, 1988

LINE NO. CORE #1
SAMPLE ELEVATION 3.2' DEEP

USCS
DESCRIPTION

DRY SAMPLE WT. (GRAMS) 607.25
SAMPLE WEIGHT AFTER WASH 597.97

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	.000	.00	100.00
7	-1.50	2.8	.000	.00	100.00
10	-1.00	2.0	.0200	.00	100.00
14	-0.50	1.4	.0400	.01	99.99
18	0.00	1.0	.2400	.04	99.96
25	0.50	0.71	.6000	.10	99.90
35	1.00	0.5	2.0000	.33	99.67
45	1.50	0.355	13.1000	2.16	97.84
60	2.00	0.25	69.2000	11.40	88.60
80	2.50	0.18	259.4900	42.73	57.27
120	3.00	0.125	572.52	94.28	5.72
170	3.50	0.09	595.63	98.09	1.91
200	3.75	0.075	596.33	98.20	1.80
230	4.00	0.063	597.25	99.12	.88
PAN			597.43	99.15	.85

SIEVE LOSS .54 MEDIAN (mm) .172
WT. AVE. (mm) .159 MEAN (mm) .181
SILT/CLAY % 1.71 SORTING .409
PHI(16) 2.061 PHI(84) 2.879

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TOWN OF PALM BEACH VIBRACORES 9/20 & 9/21/88

SAMPLE TYPE: CORE SAMPLES
NAME: FGK
DATE: OCT. 3, 1988

LINE NO. CORE #1
SAMPLE ELEVATION 12.2' DEEP

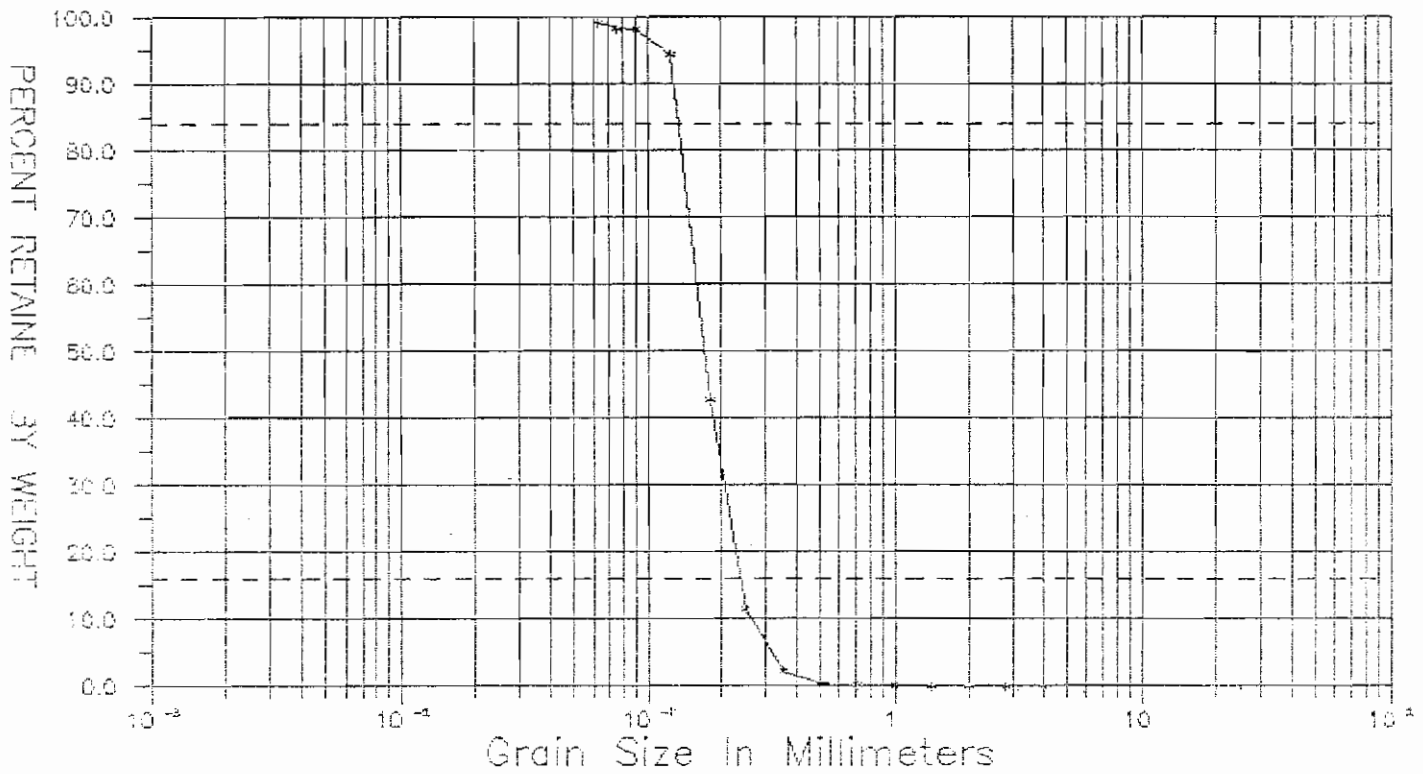
USCS
DESCRIPTION

DRY SAMPLE WT. (GRAMS) 564.04
SAMPLE WEIGHT AFTER WASH 550.96

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	GRAMS	%RET.	%PASS
5	-2.00	4.0	.000	.00	100.00
7	-1.50	2.8	.000	.00	100.00
10	-1.00	2.0	.000	.00	100.00
14	-0.50	1.4	.140	.02	99.98
18	0.00	1.0	.20	.04	99.96
25	0.50	0.71	.73	.13	99.87
35	1.00	0.5	1.85	.33	99.67
45	1.50	0.355	6.00	1.06	98.94
60	2.00	0.25	58.95	10.45	89.55
80	2.50	0.18	292.93	51.93	48.07
120	3.00	0.125	524.30	92.95	7.05
170	3.50	0.09	549.75	97.47	2.53
200	3.75	0.075	549.99	97.51	2.49
230	4.00	0.063	550.20	98.71	1.29
PAN			550.45	98.75	1.25

SIEVE LOSS .51 MEDIAN (mm) .183
WT. AVE. (mm) .162 MEAN (mm) .182
SILT/CLAY % 2.40 SORTING .406
PHI(16) 2.055 PHI(84) 2.868

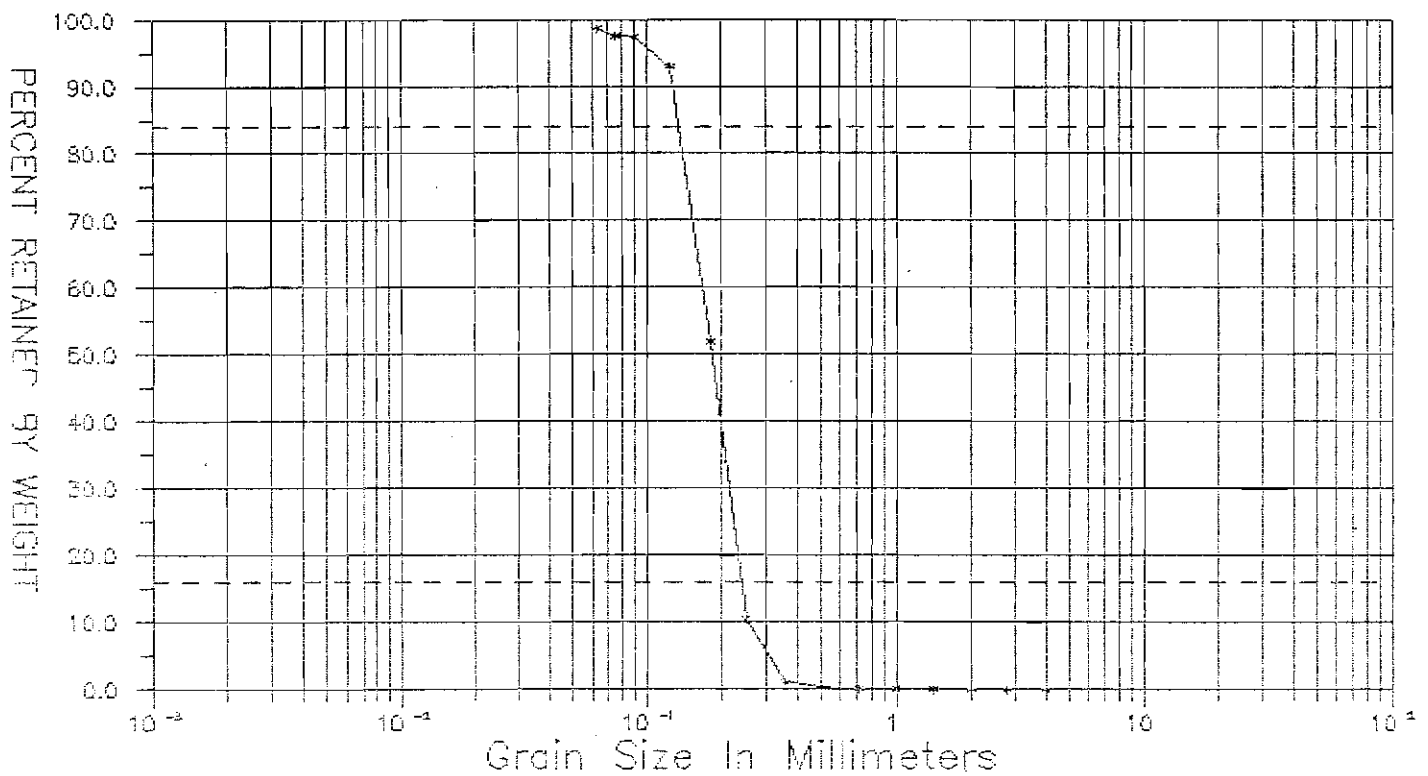
TOWN OF PALM BEACH VIBRACORES MECHANICAL ANALYSIS CHART



SILT OR CLAY	SAND			GRAVEL	
	FINE	MEDIUM	COARSE	FINE	COARSE

SAMPLE NO.		CLASSIFICATION			
CORE #1	3.2	MEAN	MEDIAN	SORTING	USCS
9/20/98		.181	.172	.409	SP

TOWN OF PALM BEACH VIBRACORES MECHANICAL ANALYSIS CHART



SILT OR CLAY	SAND			GRAVEL	
	FINE	MEDIUM	COARSE	FINE	COARSE

SAMPLE NO.	CLASSIFICATION			
CORE #1 12.21	MEAN	MEDIAN	SORTING	USCS
9/20/98	.182	.183	.406	SP