

GRADATION ANALYSIS REPORT
CAPTIVA/SANIBEL VIBRACORE JAN. 1994
TESTED BY: MDA ON: 03-15-94

SAMPLE NO.: SB20 S#1
SAMPLE ELEV. (FT. NGVD): -17.0
SAMPLE DEPTH (FT.): -2.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SM

DRY SAMPLE WEIGHT (GRAMS): 176.10
SAMPLE WEIGHT AFTER WASH (GRAMS): 108.40

SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	23.20	13.17	86.83
7	-1.5	2.800	36.90	20.95	79.05
10	-1.0	2.000	48.70	27.65	72.35
14	-0.5	1.400	59.30	33.67	66.33
18	0.0	1.000	67.20	38.16	61.84
25	0.5	.710	76.10	43.21	56.79
35	1.0	.500	83.55	47.44	52.56
45	1.5	.355	87.50	49.69	50.31
60	2.0	.250	90.60	51.45	48.55
80	2.5	.180	91.90	52.19	47.81
120	3.0	.125	92.80	52.70	47.30
170	3.5	.090	98.40	55.88	44.12
200	3.75	.075	106.75	60.62	39.38
230	4.0	.063	141.65	80.44	19.56
PAN			176.00	99.94	.06

PHI(5): -2.62 PHI(16): -1.82 PHI(25): -1.20
PHI(50): 1.59 PHI(75): 3.93 PHI(84): 4.04
PHI(95): 4.18

SIEVE LOSS(g): .10 MEAN (PHI): 1.08
MEDIAN (mm): .332 MEAN (mm): .474
SILT/CLAY: 39.38% SORTING: 2.932
SKEWNESS: -1.614 KURTOSIS: .544

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB20S1.TAB

GRADATION ANALYSIS REPORT
CAPTIVA/SANIBEL VIBRACORE JAN. 1994
TESTED BY: MDA ON: 03-15-94

SAMPLE NO.: SB20 S#2
SAMPLE ELEV. (FT. NGVD): -20.0
SAMPLE DEPTH (FT.): -5.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SM

DRY SAMPLE WEIGHT (GRAMS): 182.30
SAMPLE WEIGHT AFTER WASH (GRAMS): 116.20

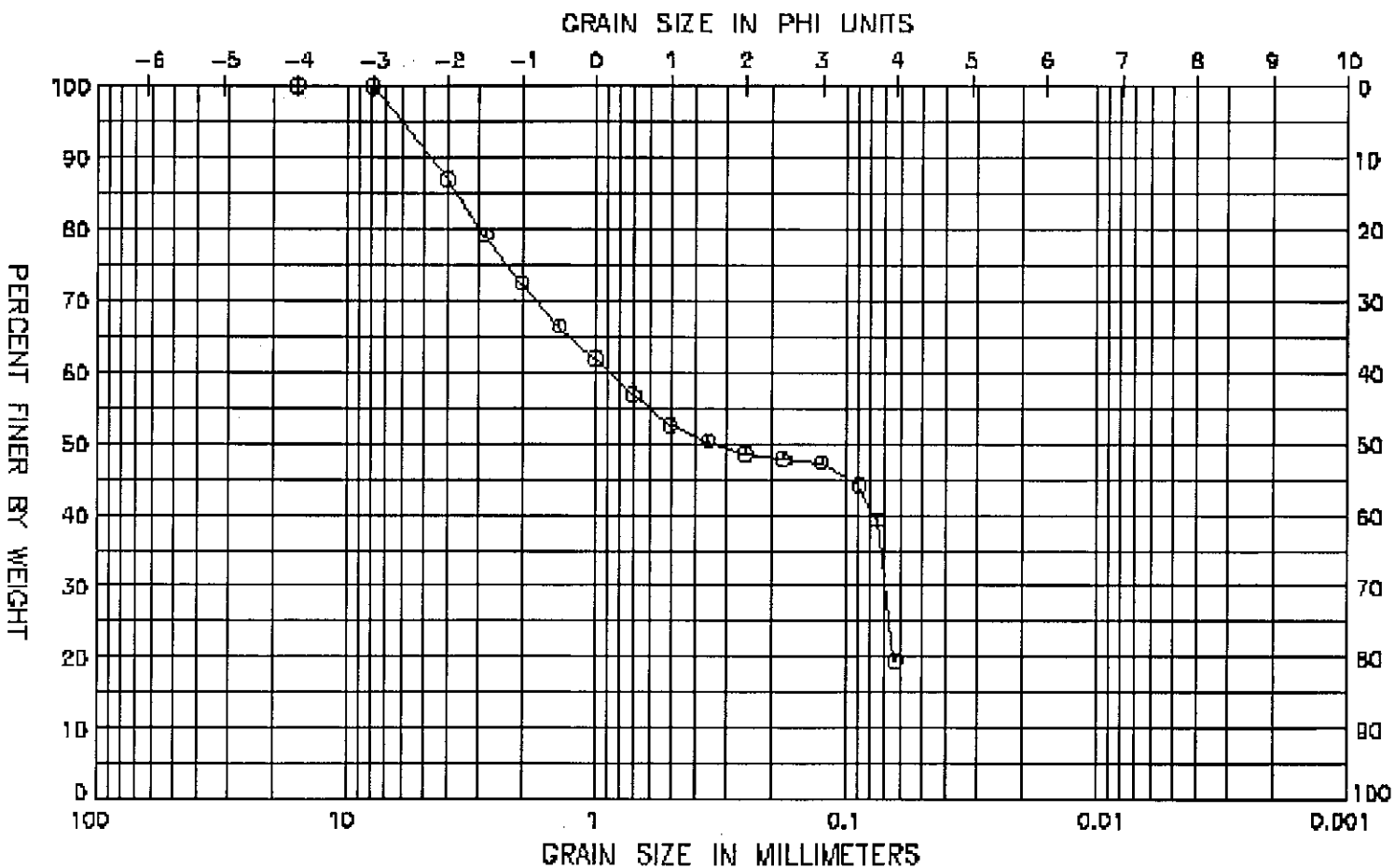
SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	18.90	10.37	89.63
7	-1.5	2.800	28.30	15.52	84.48
10	-1.0	2.000	37.60	20.63	79.37
14	-0.5	1.400	44.90	24.63	75.37
18	0.0	1.000	50.00	27.43	72.57
25	0.5	.710	55.40	30.39	69.61
35	1.0	.500	60.10	32.97	67.03
45	1.5	.355	62.80	34.45	65.55
60	2.0	.250	65.70	36.04	63.96
80	2.5	.180	68.80	37.74	62.26
120	3.0	.125	72.50	39.77	60.23
170	3.5	.090	98.00	53.76	46.24
200	3.75	.075	113.60	62.31	37.69
230	4.0	.063	148.45	81.43	18.57
PAN			182.20	99.95	.05

PHI(5): -2.52	PHI(16): -1.45	PHI(25): -.43
PHI(50): 3.37	PHI(75): 3.92	PHI(84): 4.03
PHI(95): 4.18		

SIEVE LOSS(g): .10	MEAN (PHI): 1.52
MEDIAN (mm): .097	MEAN (mm): .348
SILT/CLAY: 37.69%	SORTING: 2.743
SKEWNESS: -5.072	KURTOSIS: .631

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB20S2.TAB

PERCENT COARSER BY WEIGHT



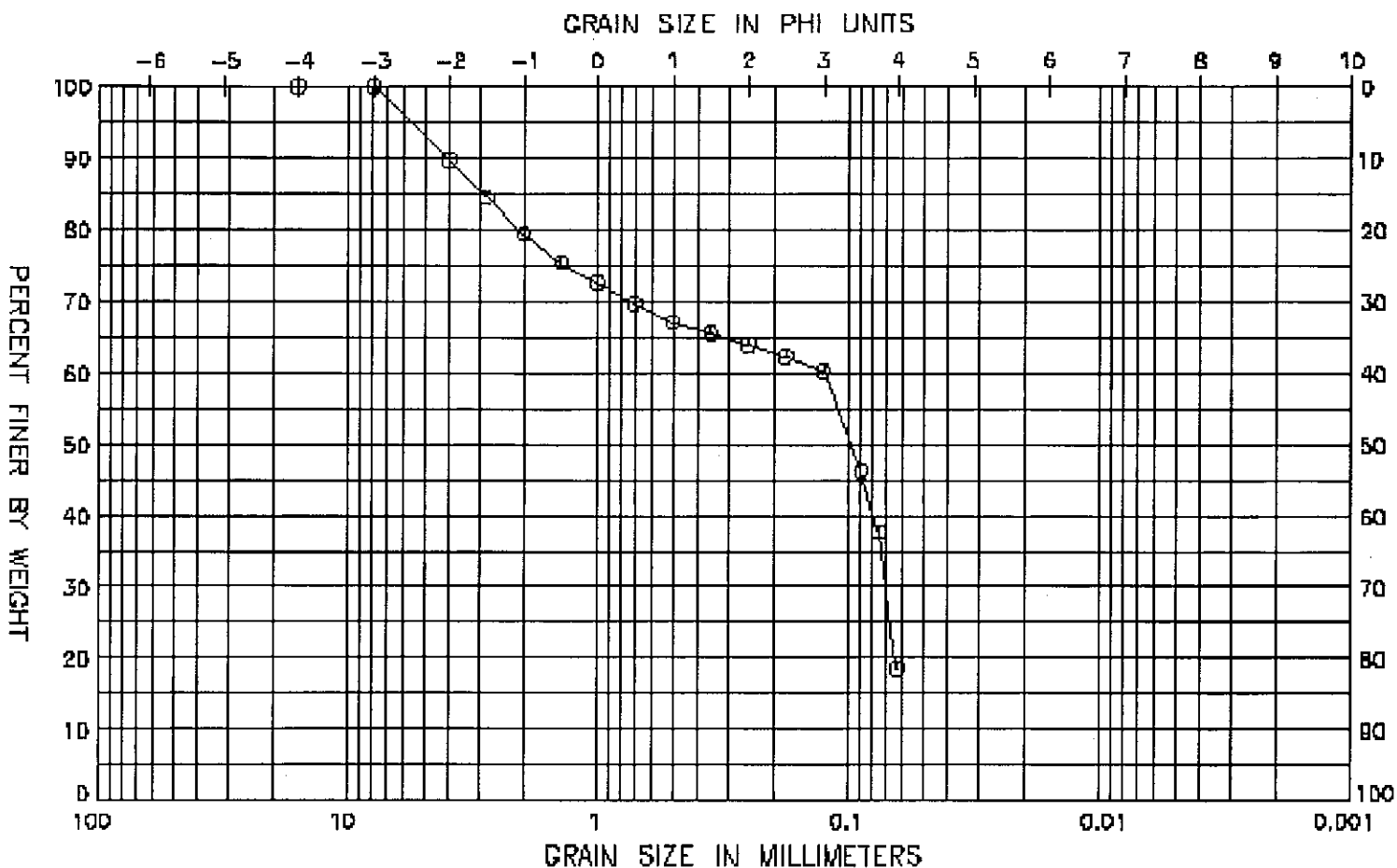
WENTWORTH CLASSIFICATION

PEBBLE	GRAVEL	SAND			SILT	CLAY
		COARSE	MED.	FINE		

SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
SB20 S#1 0	-17.0	-2.0	SM	0.47	0.33	2.93

GRAIN SIZE DISTRIBUTION CURVE
CAPTIVA/SANIBEL VIBRACORE JAN. 1994

PERCENT COARSER BY WEIGHT



WENTWORTH CLASSIFICATION

PEBBLE	GRAVEL	SAND			SILT	CLAY
		COARSE	MED.	FINE		

SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
SB20 S#2 0	-20.0	-5.0	SM	0.35	0.10	2.74

GRAIN SIZE DISTRIBUTION CURVE
CAPTIVA/SANIBEL VIBRACORE JAN. 1994