

GRADATION ANALYSIS REPORT
CAPTIVA/SANIBEL VIBRACORE JAN. 1994
TESTED BY: MDA ON: 02-04-94

SAMPLE NO.: SB5 S#1
SAMPLE ELEV. (FT. NGVD): -32.8
SAMPLE DEPTH (FT.): -1.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 162.90
SAMPLE WEIGHT AFTER WASH (GRAMS): 159.30

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	8.40	5.16	94.84
7	-1.5	2.800	12.00	7.37	92.63
10	-1.0	2.000	15.50	9.52	90.48
14	-0.5	1.400	20.50	12.58	87.42
18	0.0	1.000	28.20	17.31	82.69
25	0.5	.710	46.75	28.70	71.30
35	1.0	.500	84.70	52.00	48.00
45	1.5	.355	116.00	71.21	28.79
60	2.0	.250	145.80	89.50	10.50
80	2.5	.180	156.40	96.01	3.99
120	3.0	.125	158.20	97.11	2.89
170	3.5	.090	158.80	97.48	2.52
200	3.75	.075	159.10	97.67	2.33
230	4.0	.063	161.00	98.83	1.17
PAN			162.90	100.00	.00

PHI(5): -2.03 PHI(16): -.14 PHI(25): .34
PHI(50): .96 PHI(75): 1.60 PHI(84): 1.85
PHI(95): 2.42

SIEVE LOSS(g): .00 MEAN (PHI): .61
MEDIAN (mm): .515 MEAN (mm): .654
SILT/CLAY: 2.33% SORTING: .994
SKEWNESS: -1.522 KURTOSIS: 1.441

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB5-S1.TAB

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SAMPLE NO.: SB5 S#2
SAMPLE ELEV. (FT. NGVD): -34.8
SAMPLE DEPTH (FT.): -3.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 185.00
SAMPLE WEIGHT AFTER WASH (GRAMS): 179.70

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	1.50	.81	99.19
7	-1.5	2.800	2.90	1.57	98.43
10	-1.0	2.000	5.20	2.81	97.19
14	-0.5	1.400	8.00	4.32	95.68
18	0.0	1.000	11.90	6.43	93.57
25	0.5	.710	20.60	11.14	88.86
35	1.0	.500	45.10	24.38	75.62
45	1.5	.355	76.50	41.35	58.65
60	2.0	.250	131.90	71.30	28.70
80	2.5	.180	166.70	90.11	9.89
120	3.0	.125	175.70	94.97	5.03
170	3.5	.090	178.40	96.43	3.57
200	3.75	.075	179.20	96.86	3.14
230	4.0	.063	182.15	98.46	1.54
PAN			184.90	99.95	.05

PHI(5): -.34	PHI(16): .68	PHI(25): 1.02
PHI(50): 1.64	PHI(75): 2.10	PHI(84): 2.34
PHI(95): 3.01		

SIEVE LOSS(g): .10	MEAN (PHI): 1.47
MEDIAN (mm): .320	MEAN (mm): .362
SILT/CLAY: 3.14%	SORTING: .827
SKEWNESS: -.619	KURTOSIS: 1.271

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB5-S2.TAB

GRADATION ANALYSIS REPORT
CAPTIVA/SANIBEL VIBRACORE JAN. 1994
TESTED BY: MDA ON: 02-04-94

SAMPLE NO.: SB5 S#3
SAMPLE ELEV. (FT. NGVD): -36.8
SAMPLE DEPTH (FT.): -5.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SM

DRY SAMPLE WEIGHT (GRAMS): 182.30
SAMPLE WEIGHT AFTER WASH (GRAMS): 146.20

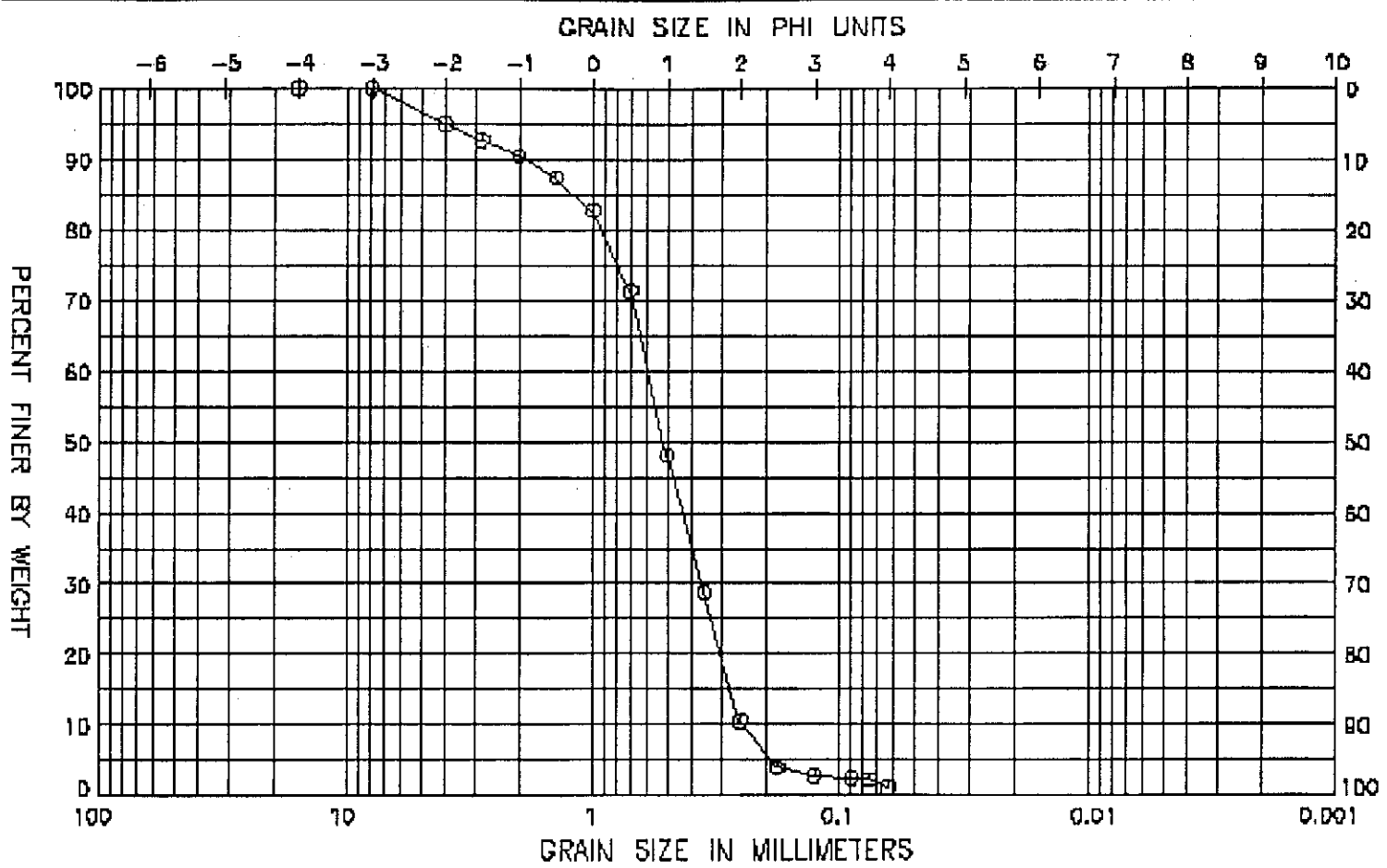
SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	3.40	1.87	98.13
7	-1.5	2.800	5.60	3.07	96.93
10	-1.0	2.000	8.70	4.77	95.23
14	-0.5	1.400	11.80	6.47	93.53
18	0.0	1.000	14.80	8.12	91.88
25	0.5	.710	19.80	10.86	89.14
35	1.0	.500	28.50	15.63	84.37
45	1.5	.355	39.30	21.56	78.44
60	2.0	.250	69.70	38.23	61.77
80	2.5	.180	105.10	57.65	42.35
120	3.0	.125	121.00	66.37	33.63
170	3.5	.090	136.45	74.85	25.15
200	3.75	.075	144.10	79.05	20.95
230	4.0	.063	163.65	89.77	10.23
PAN			182.10	99.89	.11

PHI(5): -.93 PHI(16): 1.03 PHI(25): 1.60
PHI(50): 2.30 PHI(75): 3.51 PHI(84): 3.87
PHI(95): 4.12

SIEVE LOSS(g): .20 MEAN (PHI): 2.08
MEDIAN (mm): .203 MEAN (mm): .237
SILT/CLAY: 20.95% SORTING: 1.417
SKEWNESS: -1.417 KURTOSIS: 1.087

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB5-S3.TAB

PERCENT COARSER BY WEIGHT



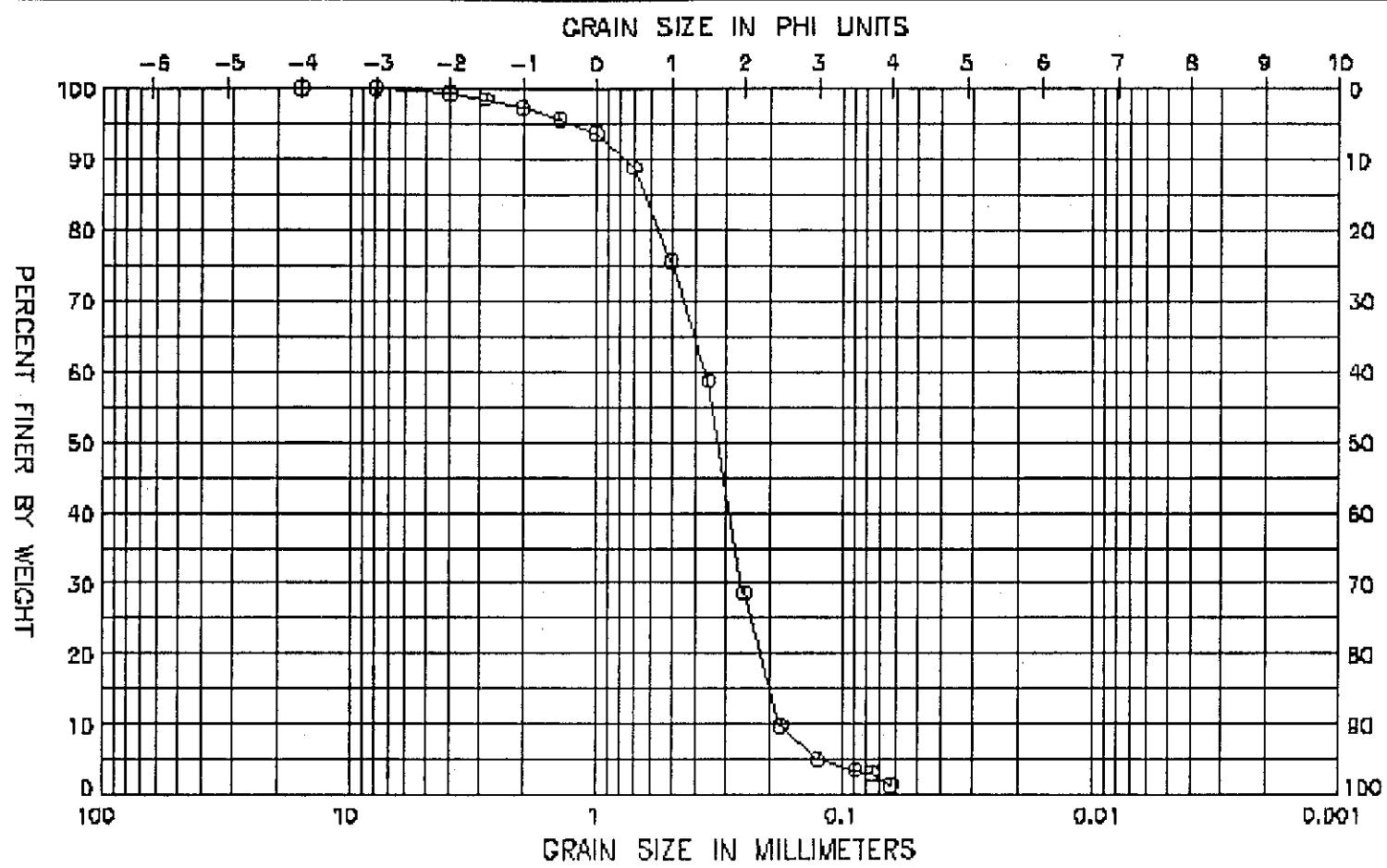
WENTWORTH CLASSIFICATION

PEBBLE	GRAVEL	SAND			SILT	CLAY
		COARSE	MED.	FINE		

SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
SB5 S#1 0	-32.8	-1.0	SP	0.85	0.52	0.99

GRAIN SIZE DISTRIBUTION CURVE
CAPTIVA/SANIBEL VIBRACORE JAN. 1994

PERCENT COARSER BY WEIGHT



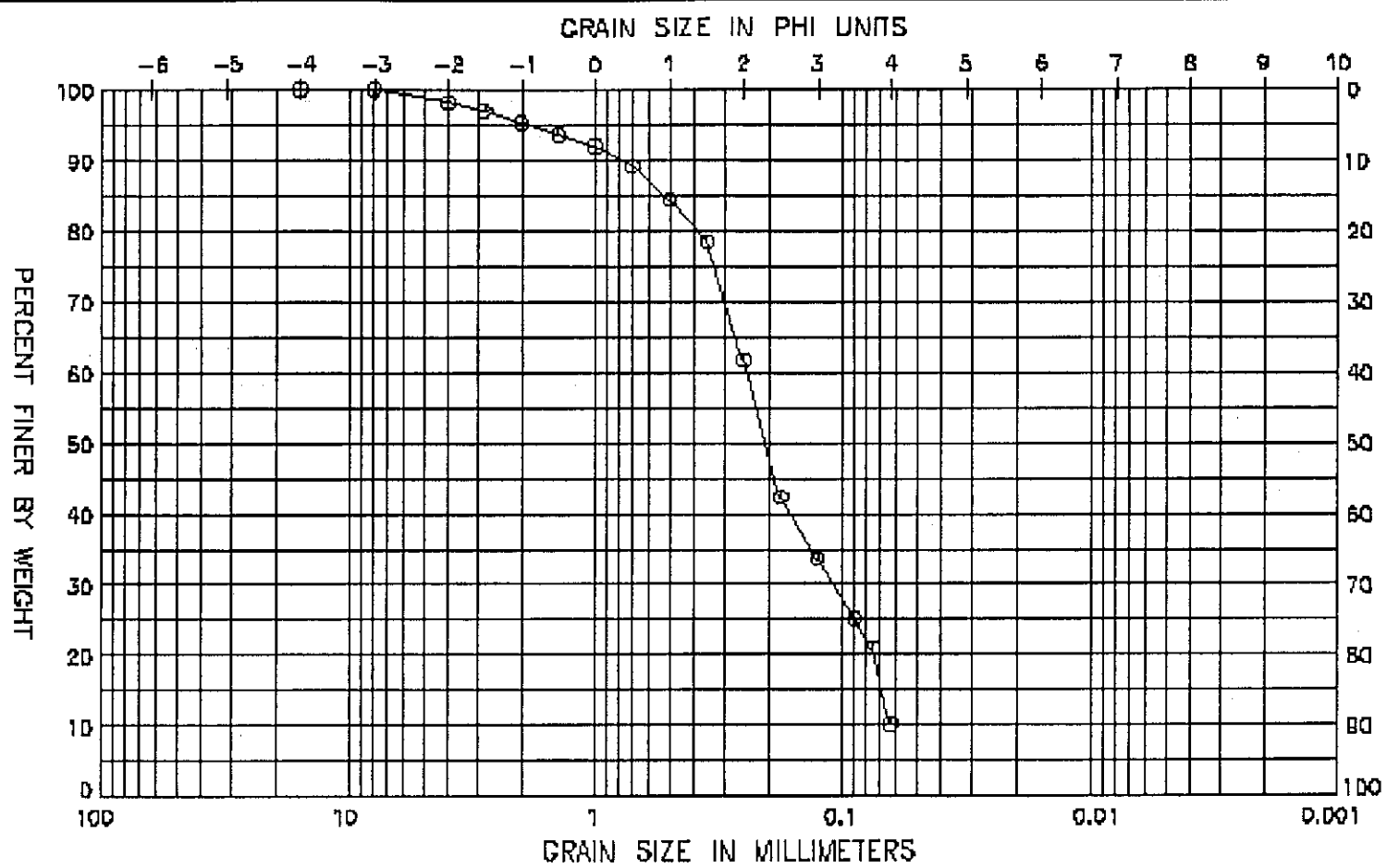
WENTWORTH CLASSIFICATION

PEBBLE	GRAVEL	SAND			SILT	CLAY
		COARSE	MED.	FINE		

SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
SB5 S#2 0	-34.8	-3.0	SP	0.36	0.32	0.63

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
S95 S#3 0	-36.8	-5.0	SM	0.24	0.20	1.42

GRAIN SIZE DISTRIBUTION CURVE
CAPTIVA/SANIBEL VIBRACORE JAN. 1994