

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

SAMPLE NO.: SB6 S#1
SAMPLE ELEV. (FT. NGVD): -33.6
SAMPLE DEPTH (FT.): -1.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 208.10
SAMPLE WEIGHT AFTER WASH (GRAMS): 203.20

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	7.30	3.51	96.49
7	-1.5	2.800	12.20	5.86	94.14
10	-1.0	2.000	19.00	9.13	90.87
14	-0.5	1.400	28.05	13.48	86.52
18	0.0	1.000	40.00	19.22	80.78
25	0.5	.710	62.50	30.03	69.97
35	1.0	.500	103.60	49.78	50.22
45	1.5	.355	143.80	69.10	30.90
60	2.0	.250	184.70	88.76	11.24
80	2.5	.180	199.50	95.87	4.13
120	3.0	.125	202.00	97.07	2.93
170	3.5	.090	202.85	97.48	2.52
200	3.75	.075	203.00	97.55	2.45
230	4.0	.063	205.55	98.77	1.23
PAN			208.10	100.00	.00

PHI(5): -1.68 PHI(16): -.28 PHI(25): .27
PHI(50): 1.01 PHI(75): 1.65 PHI(84): 1.88
PHI(95): 2.44

SIEVE LOSS(g): .00 MEAN (PHI): .67
MEDIAN (mm): .498 MEAN (mm): .628
SILT/CLAY: 2.45% SORTING: 1.080
SKEWNESS: -1.255 KURTOSIS: 1.222

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB6-S1.TAB

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SAMPLE NO.: SB6 S#2
SAMPLE ELEV. (FT. NGVD): -35.6
SAMPLE DEPTH (FT.): -3.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 167.70
SAMPLE WEIGHT AFTER WASH (GRAMS): 158.10

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	3.10	1.85	98.15
7	-1.5	2.800	4.40	2.62	97.38
10	-1.0	2.000	6.10	3.64	96.36
14	-0.5	1.400	8.70	5.19	94.81
18	0.0	1.000	11.65	6.95	93.05
25	0.5	.710	18.30	10.91	89.09
35	1.0	.500	33.80	20.16	79.84
45	1.5	.355	55.80	33.27	66.73
60	2.0	.250	101.60	60.58	39.42
80	2.5	.180	141.90	84.62	15.38
120	3.0	.125	153.40	91.47	8.53
170	3.5	.090	156.90	93.56	6.44
200	3.75	.075	157.80	94.10	5.90
230	4.0	.063	162.80	97.08	2.92
PAN			167.70	100.00	.00

PHI(5): -.56 PHI(16): .78 PHI(25): 1.18
PHI(50): 1.81 PHI(75): 2.30 PHI(84): 2.49
PHI(95): 3.83

SIEVE LOSS(g): .00 MEAN (PHI): 1.67
MEDIAN (mm): .286 MEAN (mm): .315
SILT/CLAY: 5.90% SORTING: .856
SKEWNESS: -.347 KURTOSIS: 1.612

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB6-S2.TAB

GRADATION ANALYSIS REPORT
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SAMPLE NO.: SB6 S#3
SAMPLE ELEV. (FT. NGVD): -37.5
SAMPLE DEPTH (FT.): -4.9
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SM

DRY SAMPLE WEIGHT (GRAMS): 199.00
SAMPLE WEIGHT AFTER WASH (GRAMS): 174.40

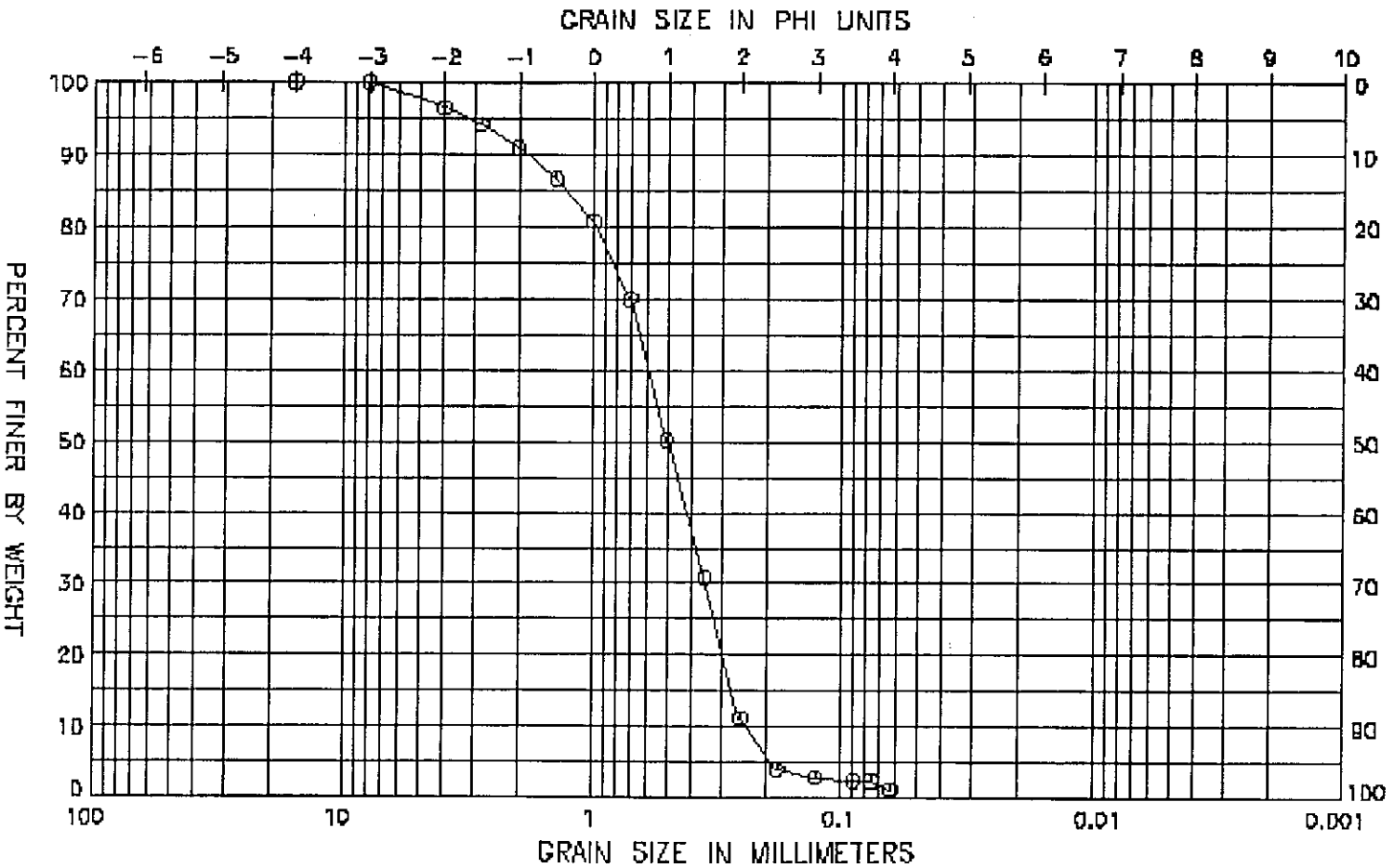
SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	3.30	1.66	98.34
7	-1.5	2.800	7.30	3.67	96.33
10	-1.0	2.000	10.70	5.38	94.62
14	-0.5	1.400	14.20	7.14	92.86
18	0.0	1.000	18.00	9.05	90.95
25	0.5	.710	23.60	11.86	88.14
35	1.0	.500	29.35	14.75	85.25
45	1.5	.355	35.00	17.59	82.41
60	2.0	.250	57.20	28.74	71.26
80	2.5	.180	109.60	55.08	44.92
120	3.0	.125	147.10	73.92	26.08
170	3.5	.090	167.80	84.32	15.68
200	3.75	.075	173.30	87.09	12.91
230	4.0	.063	186.50	93.72	6.28
PAN			199.00	100.00	.00

PHI(5): -1.11 PHI(16): 1.22 PHI(25): 1.83
PHI(50): 2.40 PHI(75): 3.05 PHI(84): 3.48
PHI(95): 4.05

SIEVE LOSS(g): .00 MEAN (PHI): 2.01
MEDIAN (mm): .189 MEAN (mm): .248
SILT/CLAY: 12.91% SORTING: 1.132
SKEWNESS: -1.869 KURTOSIS: 1.733

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB6-S3.TAB

PERCENT COARSER BY WEIGHT



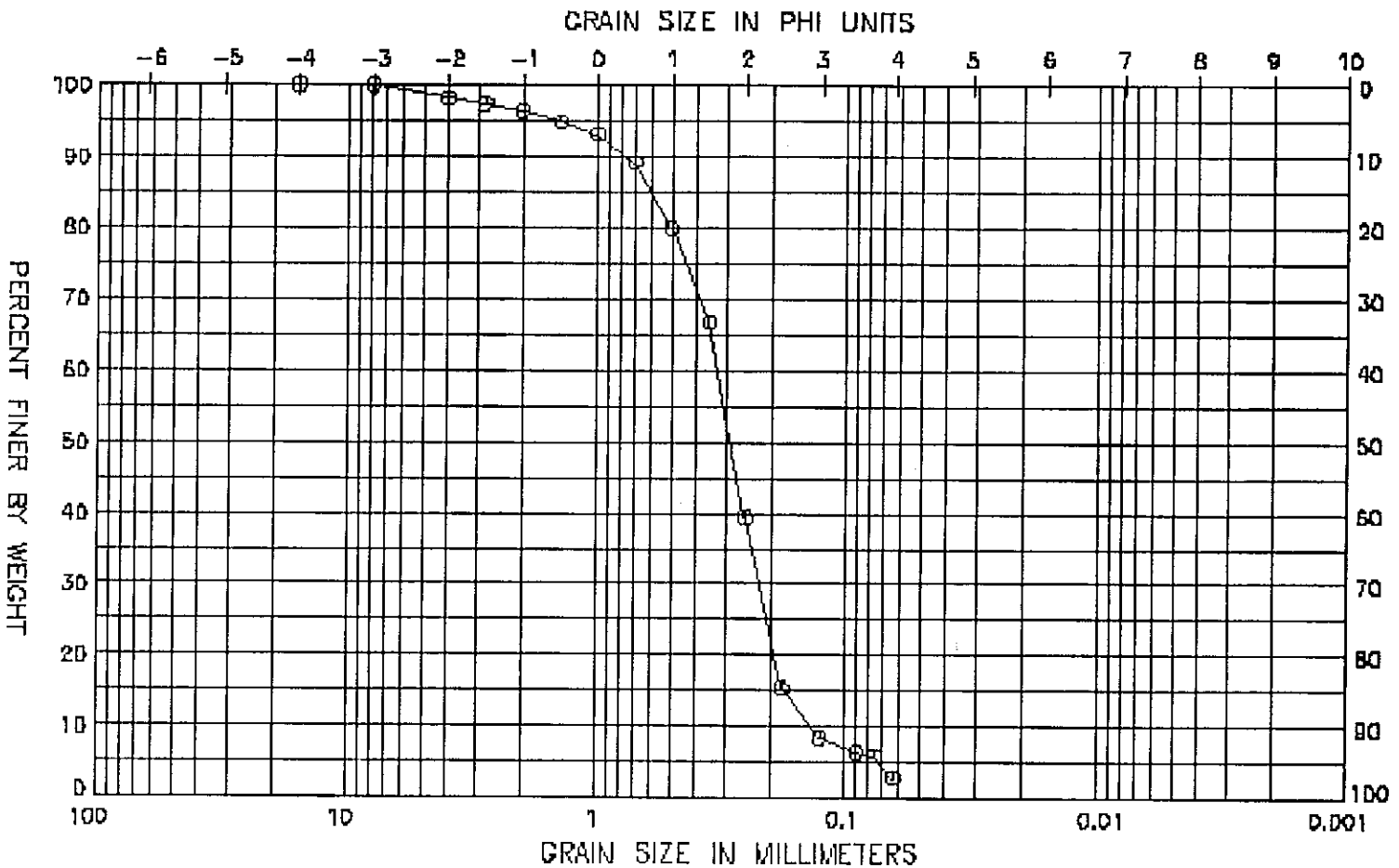
WENTWORTH CLASSIFICATION

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	-33.8	-1.0	SP	0.83	0.50	1.08

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
SBB S#2 ①	-35.8	-3.0	SP-SM	0.51	0.29	0.88

GRAIN SIZE DISTRIBUTION CURVE
CAPTIVA/SANIBEL VIBRACORE JAN. 1994

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