

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

SAMPLE NO.: SB8 S#1
SAMPLE ELEV. (FT. NGVD): -34.9
SAMPLE DEPTH (FT.): -1.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 208.90
SAMPLE WEIGHT AFTER WASH (GRAMS): 200.90

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	2.50	1.20	98.80
7	-1.5	2.800	4.70	2.25	97.75
10	-1.0	2.000	7.70	3.69	96.31
14	-0.5	1.400	12.90	6.18	93.82
18	0.0	1.000	25.00	11.97	88.03
25	0.5	.710	62.40	29.87	70.13
35	1.0	.500	127.80	61.18	38.82
45	1.5	.355	160.40	76.78	23.22
60	2.0	.250	189.00	90.47	9.53
80	2.5	.180	197.30	94.45	5.55
120	3.0	.125	199.40	95.45	4.55
170	3.5	.090	200.30	95.88	4.12
200	3.75	.075	200.60	96.03	3.97
230	4.0	.063	204.70	97.99	2.01
PAN			208.80	99.95	.05

PHI(5): -.74 PHI(16): .11 PHI(25): .36
PHI(50): .82 PHI(75): 1.44 PHI(84): 1.76
PHI(95): 2.77

SIEVE LOSS(g): .10 MEAN (PHI): .95
MEDIAN (mm): .566 MEAN (mm): .519
SILT/CLAY: 3.97% SORTING: .825
SKEWNESS: .396 KURTOSIS: 1.334

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB8-S1.TAB

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

SAMPLE NO.: SB8 S#2
SAMPLE ELEV. (FT. NGVD): -35.9
SAMPLE DEPTH (FT.): -2.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 174.10
SAMPLE WEIGHT AFTER WASH (GRAMS): 167.90

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	3.00	1.72	98.28
7	-1.5	2.800	4.60	2.64	97.36
10	-1.0	2.000	7.00	4.02	95.98
14	-0.5	1.400	10.70	6.15	93.85
18	0.0	1.000	19.20	11.03	88.97
25	0.5	.710	47.30	27.17	72.83
35	1.0	.500	97.10	55.77	44.23
45	1.5	.355	126.80	72.83	27.17
60	2.0	.250	154.60	88.80	11.20
80	2.5	.180	163.20	93.74	6.26
120	3.0	.125	165.70	95.18	4.82
170	3.5	.090	167.20	96.04	3.96
200	3.75	.075	167.60	96.27	3.73
230	4.0	.063	170.80	98.10	1.90
PAN			174.00	99.94	.06

PHI(5): -.77	PHI(16): .15	PHI(25): .43
PHI(50): .90	PHI(75): 1.57	PHI(84): 1.85
PHI(95): 2.94		

SIEVE LOSS(g): .10	MEAN (PHI): 1.01
MEDIAN (mm): .536	MEAN (mm): .495
SILT/CLAY: 3.73%	SORTING: .848
SKEWNESS: .371	KURTOSIS: 1.339

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB8-S2.TAB

GRAIN SIZE IN PHI UNITS

PERCENT FINER BY WEIGHT

PERCENT COARSER BY WEIGHT

GRAIN SIZE IN MILLIMETERS

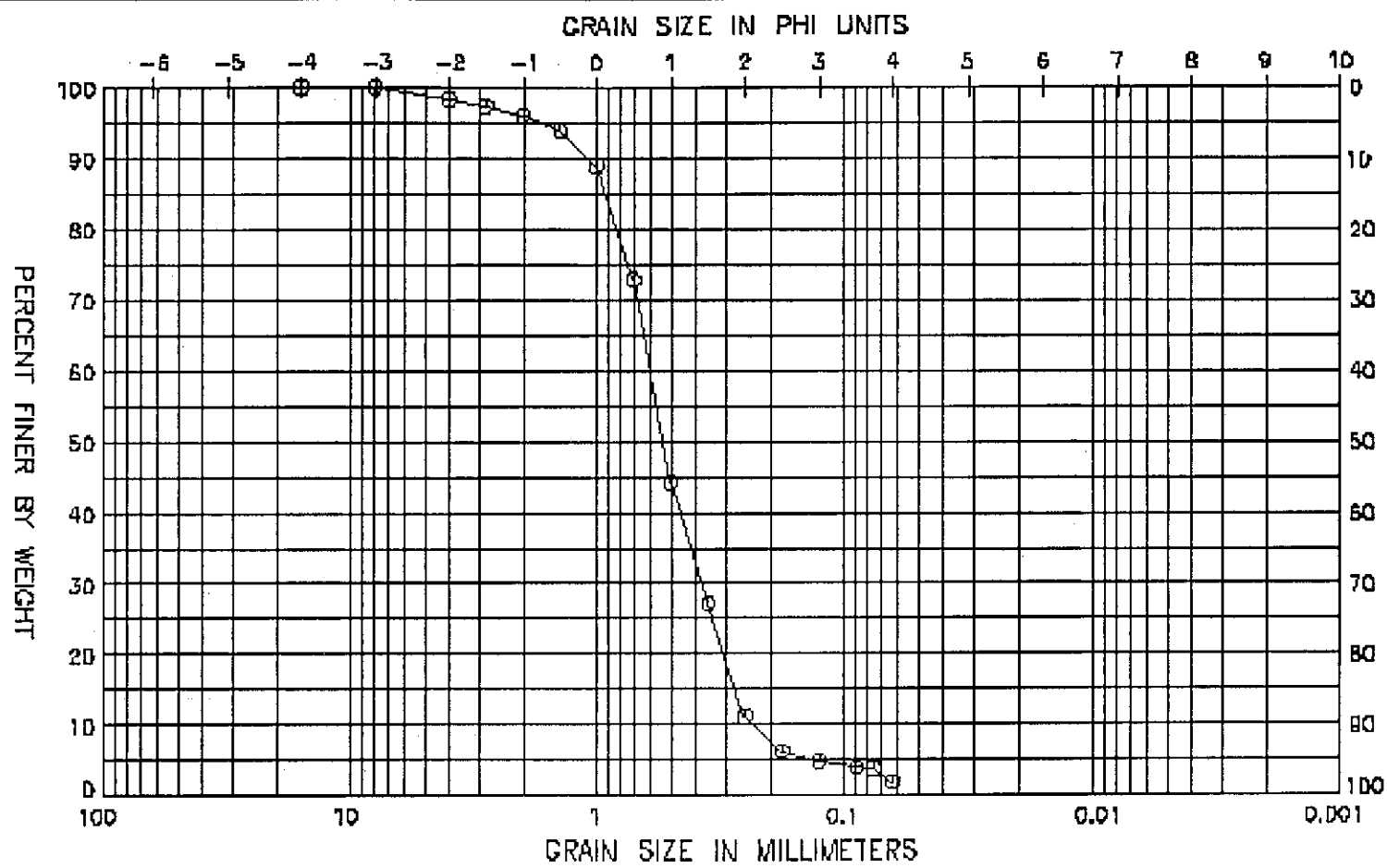
WENTWORTH CLASSIFICATION

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#1	-34.9	-1.0	SP	0.52	0.57	0.83

SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
SBB S#1 O	-34.9	-1.0	SP	0.52	0.57	0.83

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 0	-35.9	-2.0	SP	0.50	0.54	0.85

GRAIN SIZE DISTRIBUTION CURVE
CAPTIVA/SANIBEL VIBRACORE JAN. 1994