

GRADATION ANALYSIS REPORT
CAPTIVA/SANIBEL VIBRACORE JAN. 1994
TESTED BY: MDA ON: 03-01-94

SAMPLE NO.: SB12 S#1
SAMPLE ELEV. (FT. NGVD): -35.2
SAMPLE DEPTH (FT.): -1.5
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 154.10
SAMPLE WEIGHT AFTER WASH (GRAMS): 150.00

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	.90	.58	99.42
7	-1.5	2.800	2.00	1.30	98.70
10	-1.0	2.000	3.10	2.01	97.99
14	-0.5	1.400	5.25	3.41	96.59
18	0.0	1.000	9.20	5.97	94.03
25	0.5	.710	20.60	13.37	86.63
35	1.0	.500	47.60	30.89	69.11
45	1.5	.355	81.90	53.15	46.85
60	2.0	.250	126.50	82.09	17.91
80	2.5	.180	143.60	93.19	6.81
120	3.0	.125	148.10	96.11	3.89
170	3.5	.090	149.40	96.95	3.05
200	3.75	.075	149.80	97.21	2.79
230	4.0	.063	151.95	98.60	1.40
PAN			154.10	100.00	.00

PHI(5): -.19 PHI(16): .58 PHI(25): .83
PHI(50): 1.43 PHI(75): 1.88 PHI(84): 2.09
PHI(95): 2.81

SIEVE LOSS(g): .00 MEAN (PHI): 1.34
MEDIAN (mm): .371 MEAN (mm): .394
SILT/CLAY: 2.79% SORTING: .755
SKEWNESS: -.237 KURTOSIS: 1.176

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB12S1.TAB

GRADATION ANALYSIS REPORT
CAPTIVA/SANIBEL VIBRACORE JAN. 1994
TESTED BY: MDA ON: 03-01-94

SAMPLE NO.: SB12 S#2
SAMPLE ELEV. (FT. NGVD): -37.7
SAMPLE DEPTH (FT.): -4.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 124.70
SAMPLE WEIGHT AFTER WASH (GRAMS): 116.80

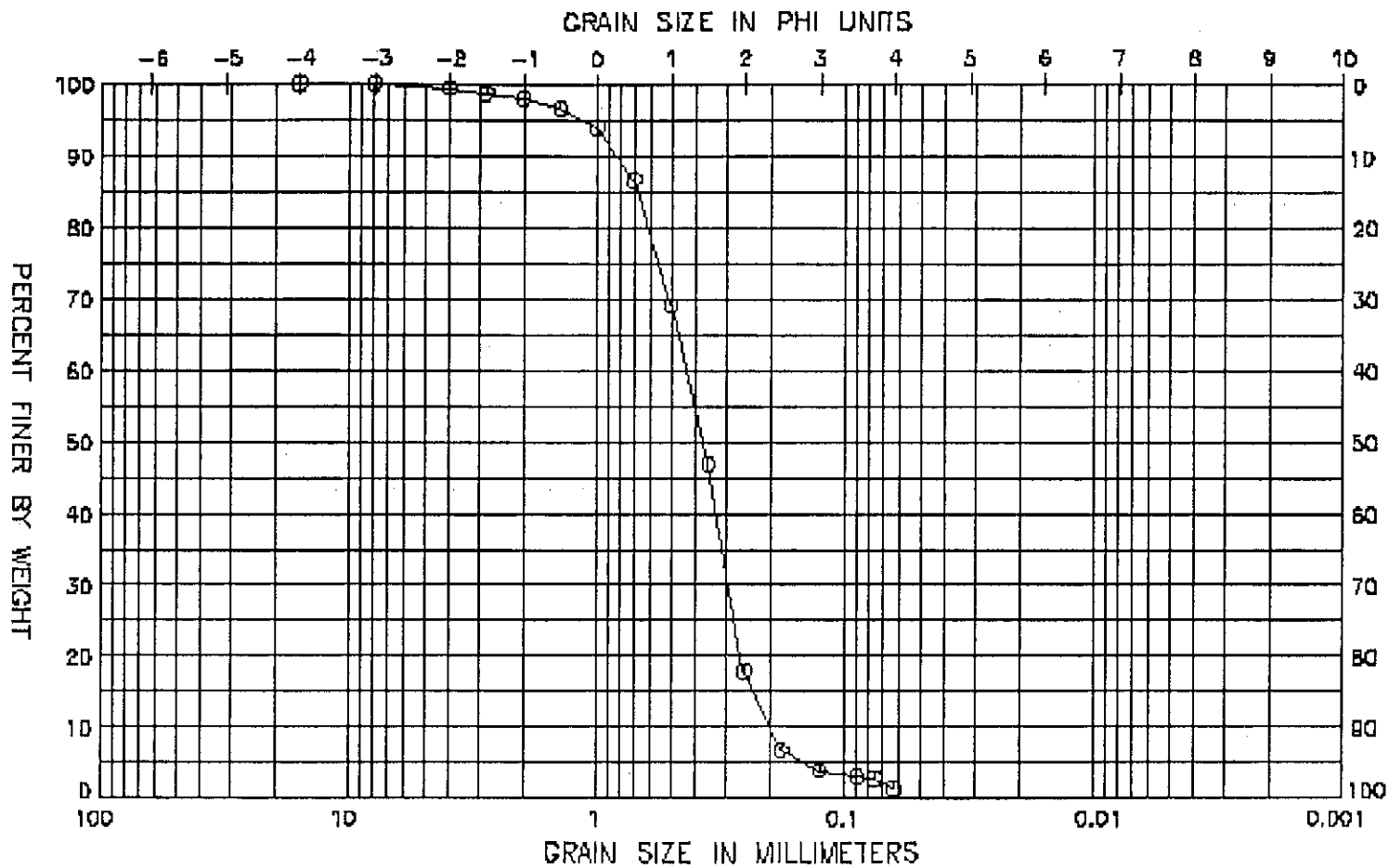
SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	1.00	.80	99.20
7	-1.5	2.800	1.90	1.52	98.48
10	-1.0	2.000	3.40	2.73	97.27
14	-0.5	1.400	4.70	3.77	96.23
18	0.0	1.000	6.00	4.81	95.19
25	0.5	.710	8.40	6.74	93.26
35	1.0	.500	12.80	10.26	89.74
45	1.5	.355	20.10	16.12	83.88
60	2.0	.250	43.20	34.64	65.36
80	2.5	.180	77.70	62.31	37.69
120	3.0	.125	103.90	83.32	16.68
170	3.5	.090	114.50	91.82	8.18
200	3.75	.075	116.40	93.34	6.66
230	4.0	.063	120.65	96.75	3.25
PAN			124.70	100.00	.00

PHI(5):	.05	PHI(16):	1.49	PHI(25):	1.74
PHI(50):	2.28	PHI(75):	2.80	PHI(84):	3.04
PHI(95):	3.87				

SIEVE LOSS(g):	.00	MEAN (PHI):	2.15
MEDIAN (mm):	.206	MEAN (mm):	.226
SILT/CLAY:	6.66%	SORTING:	.775
SKEWNESS:	-.635	KURTOSIS:	1.475

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB12S2.TAB

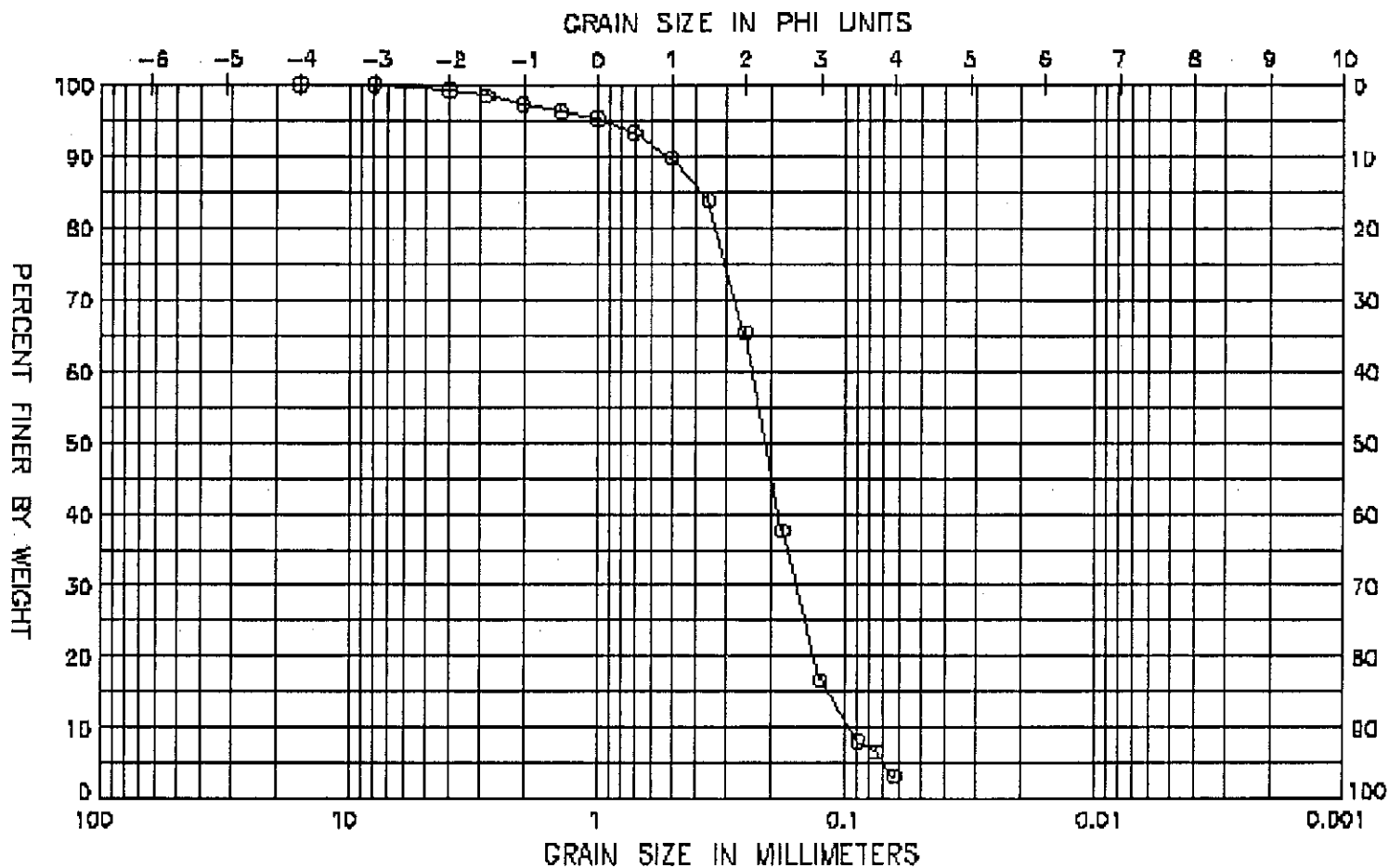
PERCENT COARSER BY WEIGHT



SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
SB12 S#1	-35.2	-1.5	SP	0.59	0.37	0.78

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
SB12 S#2 ①	-37.7	-4.0	SP-SM	0.25	0.21	0.78

GRAIN SIZE DISTRIBUTION CURVE
CAPTIVA/SANIBEL VIBRACORE JAN. 1994