

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

SAMPLE NO.: SB18 S#1
SAMPLE ELEV. (FT. NGVD): -35.5
SAMPLE DEPTH (FT.): -1.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 193.20
SAMPLE WEIGHT AFTER WASH (GRAMS): 186.80

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	1.30	.67	99.33
7	-1.5	2.800	2.50	1.29	98.71
10	-1.0	2.000	3.90	2.02	97.98
14	-0.5	1.400	7.00	3.62	96.38
18	0.0	1.000	12.20	6.31	93.69
25	0.5	.710	28.80	14.91	85.09
35	1.0	.500	66.80	34.58	65.42
45	1.5	.355	111.70	57.82	42.18
60	2.0	.250	159.00	82.30	17.70
80	2.5	.180	177.60	91.93	8.07
120	3.0	.125	183.80	95.13	4.87
170	3.5	.090	186.00	96.27	3.73
200	3.75	.075	186.60	96.58	3.42
230	4.0	.063	189.90	98.29	1.71
PAN			193.20	100.00	.00

PHI(5): -.24	PHI(16): .53	PHI(25): .76
PHI(50): 1.33	PHI(75): 1.85	PHI(84): 2.09
PHI(95): 2.98		

SIEVE LOSS(g): .00	MEAN (PHI): 1.34
MEDIAN (mm): .397	MEAN (mm): .396
SILT/CLAY: 3.42%	SORTING: .780
SKEWNESS: .071	KURTOSIS: 1.207

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB18S1.TAB

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SAMPLE NO.: SB18 S#2
SAMPLE ELEV. (FT. NGVD): -36.8
SAMPLE DEPTH (FT.): -2.3
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 158.40
SAMPLE WEIGHT AFTER WASH (GRAMS): 143.10

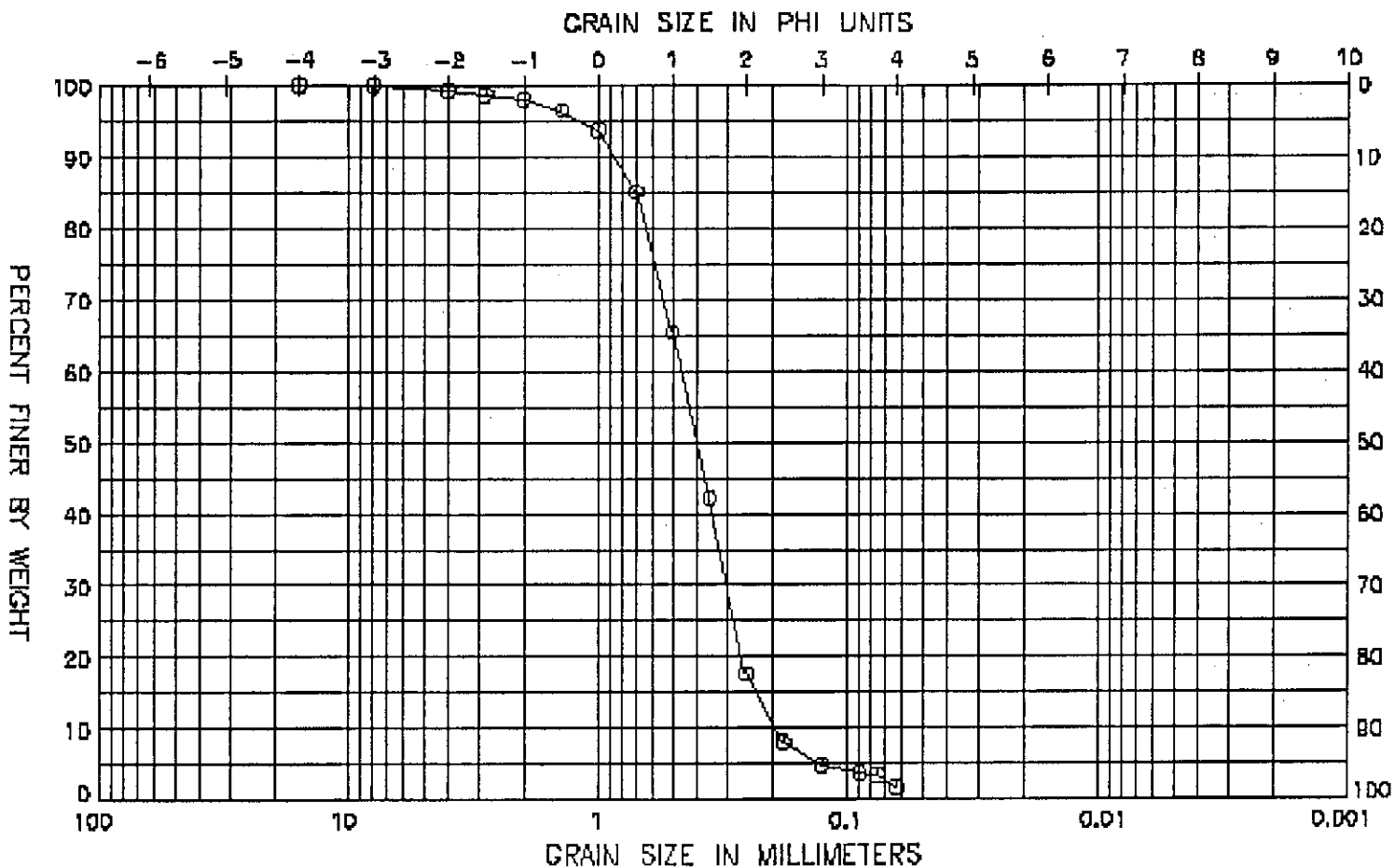
SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	2.80	1.77	98.23
7	-1.5	2.800	3.90	2.46	97.54
10	-1.0	2.000	5.65	3.57	96.43
14	-0.5	1.400	7.80	4.92	95.08
18	0.0	1.000	9.90	6.25	93.75
25	0.5	.710	14.40	9.09	90.91
35	1.0	.500	23.40	14.77	85.23
45	1.5	.355	33.00	20.83	79.17
60	2.0	.250	55.00	34.72	65.28
80	2.5	.180	88.70	56.00	44.00
120	3.0	.125	120.90	76.33	23.67
170	3.5	.090	138.50	87.44	12.56
200	3.75	.075	142.10	89.71	10.29
230	4.0	.063	150.25	94.85	5.15
PAN			158.30	99.94	.06

PHI(5): -.47	PHI(16): 1.10	PHI(25): 1.65
PHI(50): 2.36	PHI(75): 2.97	PHI(84): 3.35
PHI(95): 4.01		

SIEVE LOSS(g): .10	MEAN (PHI): 2.07
MEDIAN (mm): .195	MEAN (mm): .238
SILT/CLAY: 10.29%	SORTING: 1.122
SKEWNESS: -1.182	KURTOSIS: 1.393

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB18S2.TAB

PERCENT COARSER BY WEIGHT



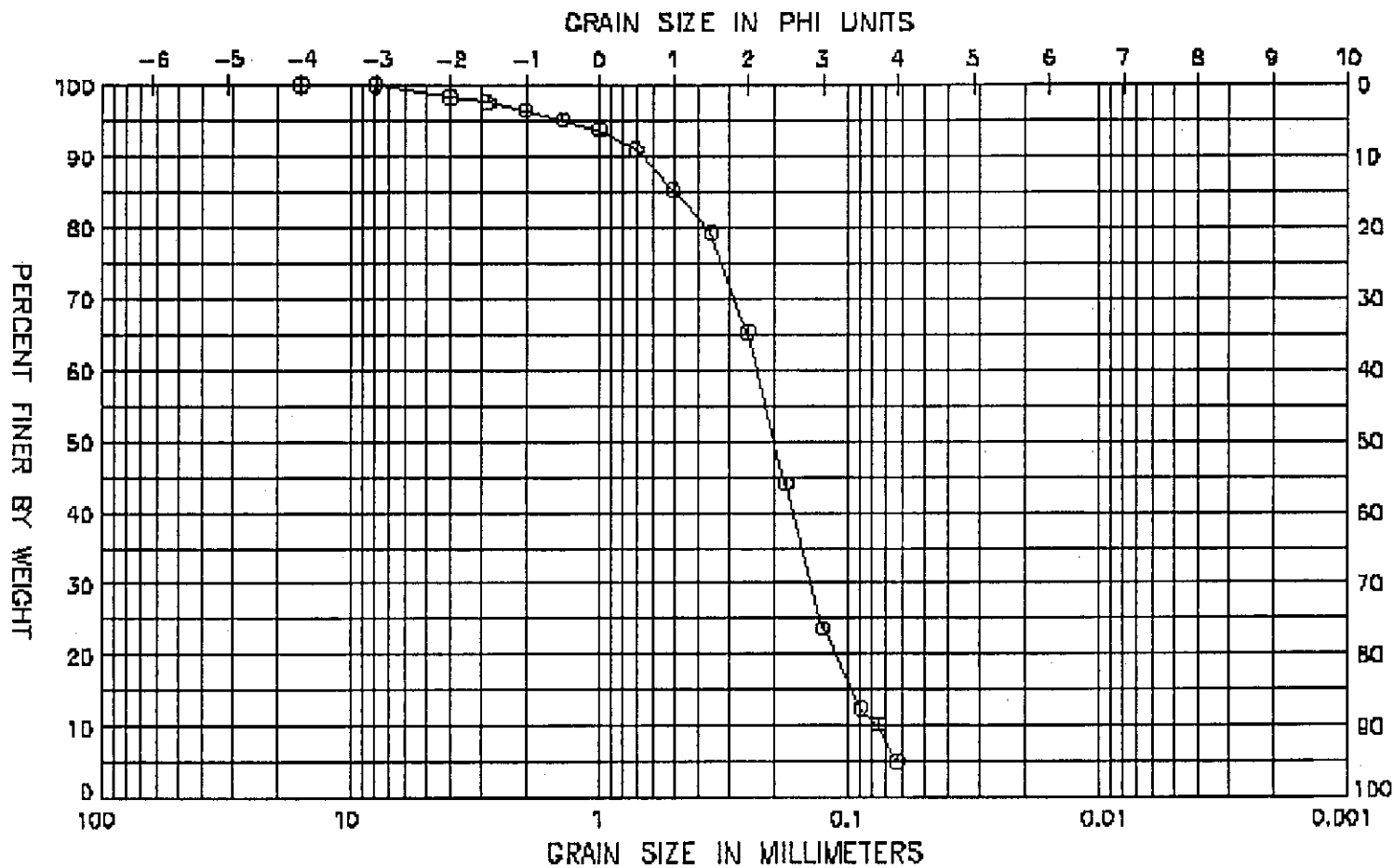
WENTWORTH CLASSIFICATION

PEBBLE	GRAVEL	SAND			SILT	CLAY
		COARSE	MED.	FINE		

SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
SB1B S#1 @	-35.5	-1.0	SP	0.40	0.40	0.7B

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
SB1B S#2 ①	-36.8	-2.5	SP-SM	0.24	0.19	1.12

GRAIN SIZE DISTRIBUTION CURVE
CAPTIVA/SANIBEL VIBRACORE JAN. 1994