

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

SAMPLE NO.: SB15 S#1
SAMPLE ELEV. (FT. NGVD): -34.8
SAMPLE DEPTH (FT.): -1.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 162.40
SAMPLE WEIGHT AFTER WASH (GRAMS): 158.40

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	4.10	2.52	97.48
7	-1.5	2.800	6.10	3.76	96.24
10	-1.0	2.000	9.20	5.67	94.33
14	-0.5	1.400	15.00	9.24	90.76
18	0.0	1.000	24.30	14.96	85.04
25	0.5	.710	45.50	28.02	71.98
35	1.0	.500	79.70	49.08	50.92
45	1.5	.355	109.80	67.61	32.39
60	2.0	.250	144.20	88.79	11.21
80	2.5	.180	154.70	95.26	4.74
120	3.0	.125	157.00	96.67	3.33
170	3.5	.090	157.90	97.23	2.77
200	3.75	.075	158.20	97.41	2.59
230	4.0	.063	160.30	98.71	1.29
PAN			162.35	99.97	.03

PHI(5): -1.17	PHI(16): .04	PHI(25): .38
PHI(50): 1.02	PHI(75): 1.67	PHI(84): 1.89
PHI(95): 2.48		

SIEVE LOSS(g):	.05	MEAN (PHI):	.85
MEDIAN (mm):	.491	MEAN (mm):	.554
SILT/CLAY:	2.59%	SORTING:	.924
SKEWNESS:	-.744	KURTOSIS:	1.161

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB15S1.TAB

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SAMPLE NO.: SB15 S#2
SAMPLE ELEV. (FT. NGVD): -35.8
SAMPLE DEPTH (FT.): -2.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 150.40
SAMPLE WEIGHT AFTER WASH (GRAMS): 143.80

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	.70	.47	99.53
7	-1.5	2.800	1.30	.86	99.14
10	-1.0	2.000	2.10	1.40	98.60
14	-0.5	1.400	4.00	2.66	97.34
18	0.0	1.000	6.50	4.32	95.68
25	0.5	.710	13.00	8.64	91.36
35	1.0	.500	27.50	18.28	81.72
45	1.5	.355	47.30	31.45	68.55
60	2.0	.250	95.00	63.16	36.84
80	2.5	.180	129.90	86.37	13.63
120	3.0	.125	140.10	93.15	6.85
170	3.5	.090	142.80	94.95	5.05
200	3.75	.075	143.45	95.38	4.62
230	4.0	.063	146.90	97.67	2.33
PAN			150.30	99.93	.07

PHI(5): .08	PHI(16): .88	PHI(25): 1.26
PHI(50): 1.79	PHI(75): 2.26	PHI(84): 2.45
PHI(95): 3.53		

SIEVE LOSS(g): .10	MEAN (PHI): 1.75
MEDIAN (mm): .289	MEAN (mm): .298
SILT/CLAY: 4.62%	SORTING: .784
SKEWNESS: .024	KURTOSIS: 1.415

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB15S2.TAB

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

SAMPLE NO.: SB15 S#3
SAMPLE ELEV. (FT. NGVD): -36.8
SAMPLE DEPTH (FT.): -3.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 148.30
SAMPLE WEIGHT AFTER WASH (GRAMS): 139.40

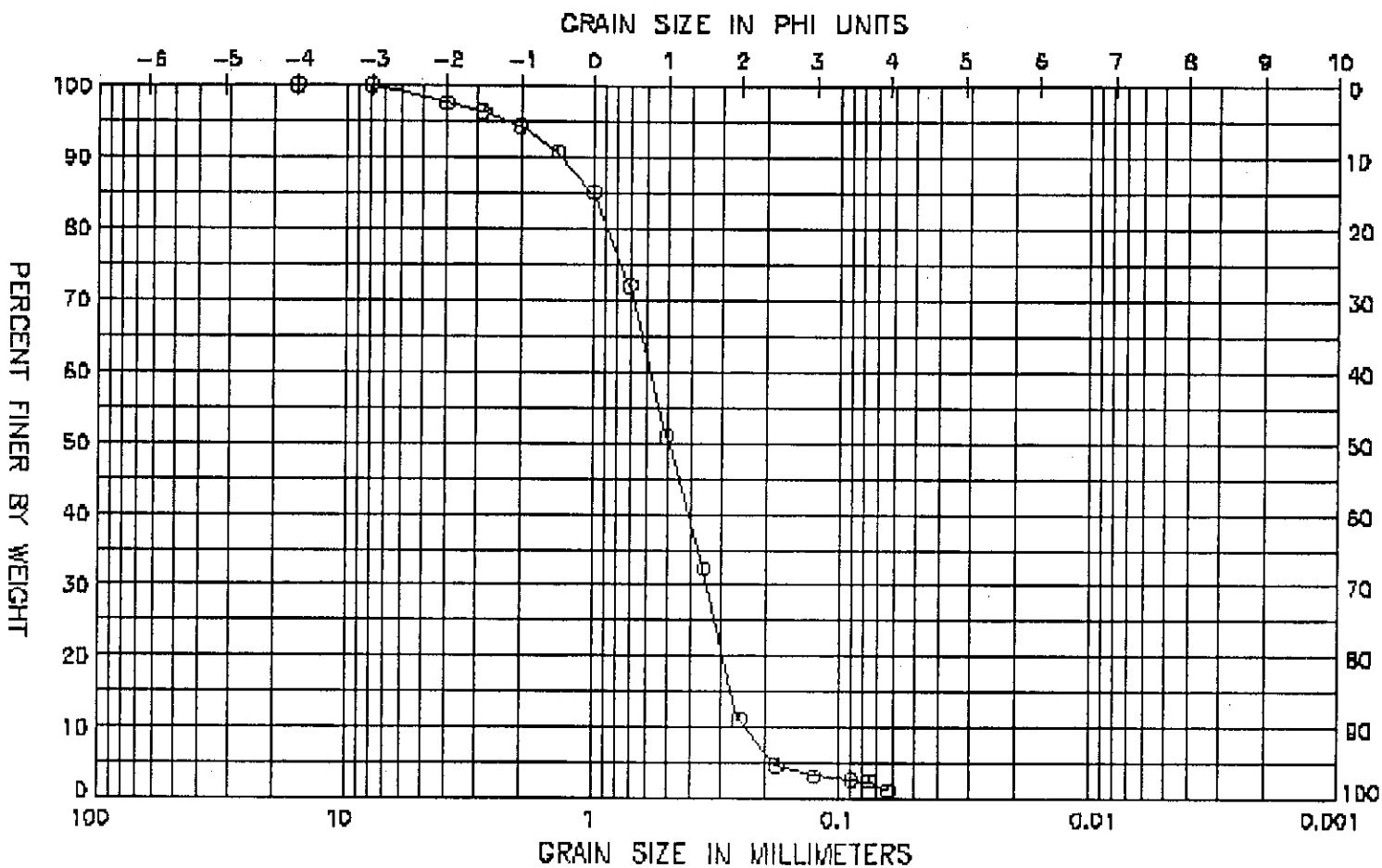
SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	1.00	.67	99.33
7	-1.5	2.800	1.40	.94	99.06
10	-1.0	2.000	2.20	1.48	98.52
14	-0.5	1.400	3.30	2.23	97.77
18	0.0	1.000	4.50	3.03	96.97
25	0.5	.710	7.70	5.19	94.81
35	1.0	.500	15.90	10.72	89.28
45	1.5	.355	31.00	20.90	79.10
60	2.0	.250	75.00	50.57	49.43
80	2.5	.180	116.70	78.69	21.31
120	3.0	.125	133.00	89.68	10.32
170	3.5	.090	138.90	93.66	6.34
200	3.75	.075	139.10	93.80	6.20
230	4.0	.063	143.75	96.93	3.07
PAN			148.25	99.97	.03

PHI(5): .46	PHI(16): 1.26	PHI(25): 1.57
PHI(50): 1.99	PHI(75): 2.43	PHI(84): 2.74
PHI(95): 3.85		

SIEVE LOSS(g): .05	MEAN (PHI): 2.06
MEDIAN (mm): .252	MEAN (mm): .240
SILT/CLAY: 6.20%	SORTING: .741
SKEWNESS: .321	KURTOSIS: 1.606

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB15S3.TAB

PERCENT COARSER BY WEIGHT



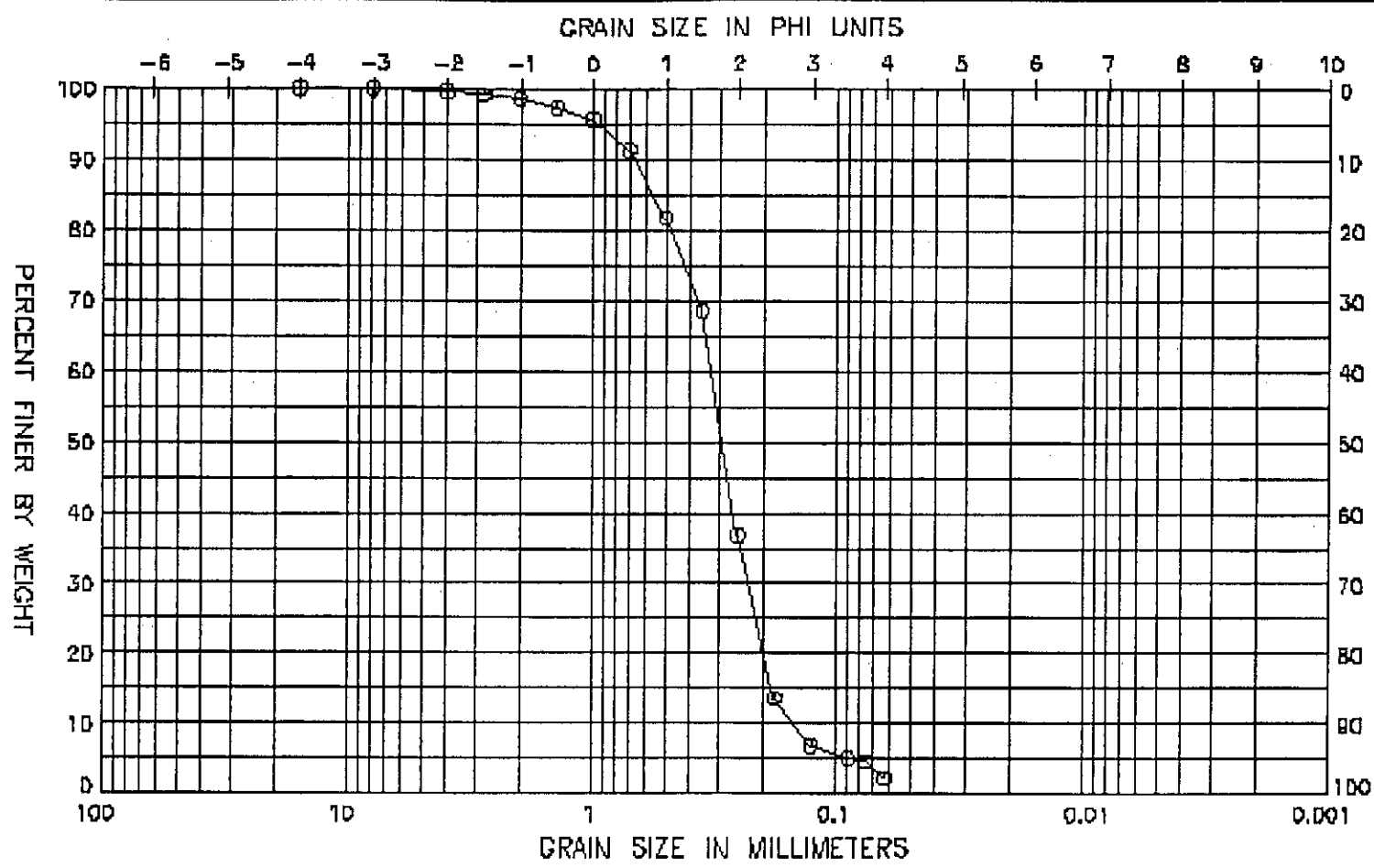
WENTWORTH CLASSIFICATION

PEBBLE	GRAVEL	SAND			SILT	CLAY
		COARSE	MED.	FINE		

SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
SB15 S#1 0	-34.8	-1.0	SP	0.55	0.49	0.92

GRAIN SIZE DISTRIBUTION CURVE
CAPTIVA/SANIBEL VIBRACORE JAN. 1994

PERCENT COARSER BY WEIGHT



PERCENT COARSER BY WEIGHT

