

GRADATION ANALYSIS REPORT  
CAPTIVA/SANIBEL VIBRACORE JAN. 1994  
TESTED BY: MDA            ON: 03-15-94

SAMPLE NO.: SB19 S#1  
SAMPLE ELEV. (FT. NGVD): -17.0  
SAMPLE DEPTH (FT.): -2.0  
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SM

DRY SAMPLE WEIGHT (GRAMS): 197.70  
SAMPLE WEIGHT AFTER WASH (GRAMS): 132.40

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	14.30	7.23	92.77
7	-1.5	2.800	21.00	10.62	89.38
10	-1.0	2.000	27.00	13.66	86.34
14	-0.5	1.400	32.20	16.29	83.71
18	0.0	1.000	36.00	18.21	81.79
25	0.5	.710	40.80	20.64	79.36
35	1.0	.500	46.60	23.57	76.43
45	1.5	.355	50.40	25.49	74.51
60	2.0	.250	56.10	28.38	71.62
80	2.5	.180	62.80	31.77	68.23
120	3.0	.125	74.40	37.63	62.37
170	3.5	.090	113.50	57.41	42.59
200	3.75	.075	128.80	65.15	34.85
230	4.0	.063	164.25	83.08	16.92
PAN			197.60	99.95	.05

PHI(5): -2.31            PHI(16): -.55            PHI(25): 1.37  
PHI(50): 3.31           PHI(75): 3.89           PHI(84): 4.01  
PHI(95): 4.17

SIEVE LOSS(g): .10                            MEAN (PHI): 1.73  
MEDIAN (mm): .101                            MEAN (mm): .302  
SILT/CLAY: 34.85%                            SORTING: 2.284  
SKEWNESS: -4.768                            KURTOSIS: 1.055

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD  
DATA FILE NAME: A:SB19S1.TAB

GRADATION ANALYSIS REPORT  
CAPTIVA/SANIBEL VIBRACORE JAN. 1994  
TESTED BY: MDA            ON: 03-15-94

SAMPLE NO.: SB19 S#2  
SAMPLE ELEV. (FT. NGVD): -20.0  
SAMPLE DEPTH (FT.): -5.0  
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SM

DRY SAMPLE WEIGHT (GRAMS): 178.10  
SAMPLE WEIGHT AFTER WASH (GRAMS): 120.20

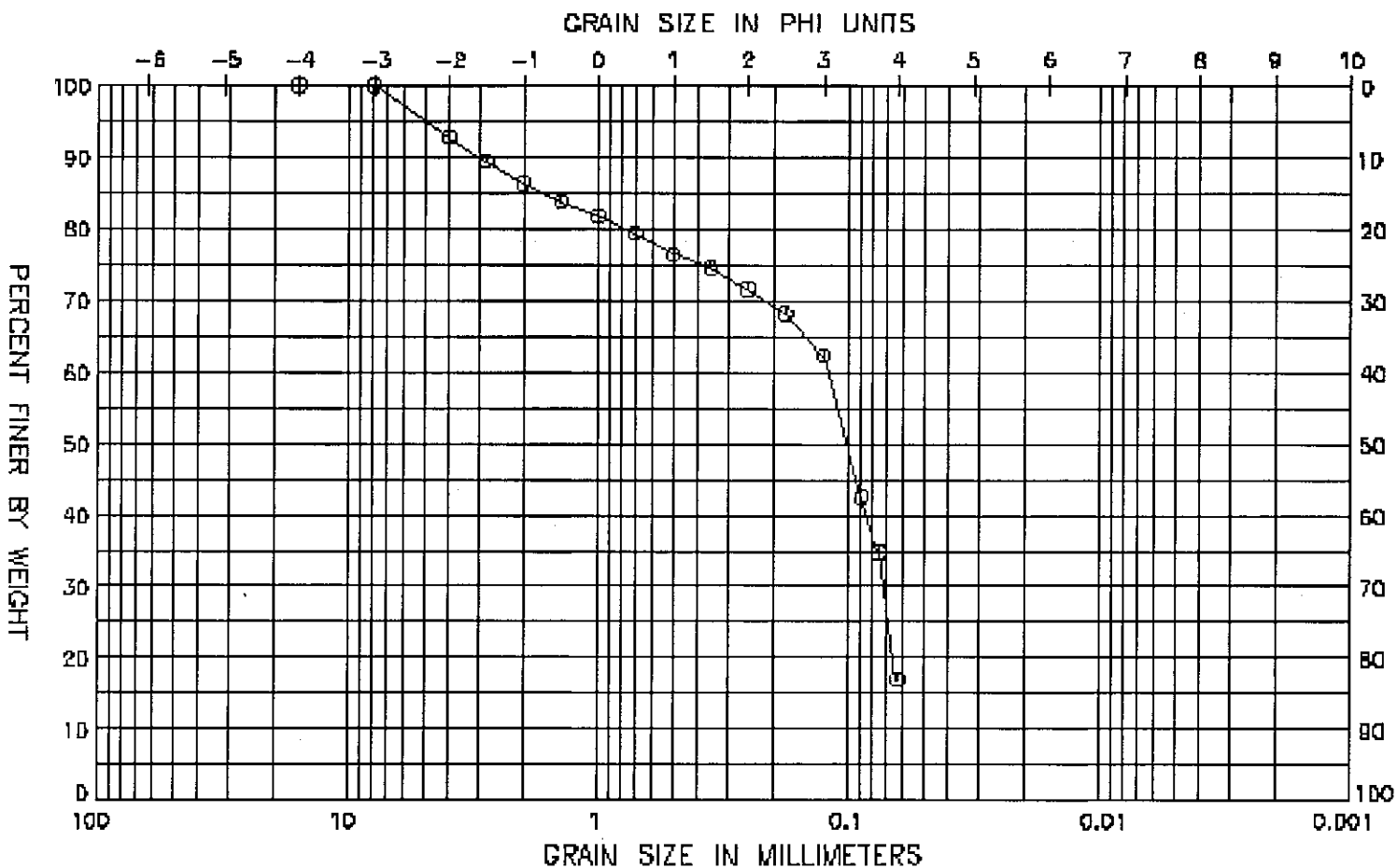
SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.00	.00	100.00
5	-2.0	4.000	20.40	11.45	88.55
7	-1.5	2.800	32.40	18.19	81.81
10	-1.0	2.000	41.80	23.47	76.53
14	-0.5	1.400	48.60	27.29	72.71
18	0.0	1.000	53.80	30.21	69.79
25	0.5	.710	59.00	33.13	66.87
35	1.0	.500	64.50	36.22	63.78
45	1.5	.355	67.50	37.90	62.10
60	2.0	.250	71.40	40.09	59.91
80	2.5	.180	74.90	42.06	57.94
120	3.0	.125	80.20	45.03	54.97
170	3.5	.090	103.10	57.89	42.11
200	3.75	.075	117.30	65.86	34.14
230	4.0	.063	148.55	83.41	16.59
PAN			178.00	99.94	.06

PHI(5): -2.56	PHI(16): -1.66	PHI(25): -.80
PHI(50): 3.19	PHI(75): 3.88	PHI(84): 4.01
PHI(95): 4.17		

SIEVE LOSS(g): .10	MEAN (PHI): 1.43
MEDIAN (mm): .109	MEAN (mm): .372
SILT/CLAY: 34.14%	SORTING: 2.836
SKEWNESS: -4.785	KURTOSIS: .589

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD  
DATA FILE NAME: A:SB19S2.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
SB19 S#1 0	-17.0	-2.0	SM	0.30	0.10	2.28

GRAIN SIZE DISTRIBUTION CURVE  
CAPTIVA/SANIBEL VIBRACORE JAN 1994

PERCENT COARSER BY WEIGHT

