

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

SAMPLE NO.: SB2 S#1
SAMPLE ELEV. (FT. NGVD): -34.9
SAMPLE DEPTH (FT.): -1.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 176.30
SAMPLE WEIGHT AFTER WASH (GRAMS): 164.60

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	10.30	5.84	94.16
7	-1.5	2.800	14.10	8.00	92.00
10	-1.0	2.000	18.80	10.66	89.34
14	-0.5	1.400	25.40	14.41	85.59
18	0.0	1.000	35.10	19.91	80.09
25	0.5	.710	59.65	33.83	66.17
35	1.0	.500	102.30	58.03	41.97
45	1.5	.355	128.30	72.77	27.23
60	2.0	.250	152.30	86.39	13.61
80	2.5	.180	160.80	91.21	8.79
120	3.0	.125	162.70	92.29	7.71
170	3.5	.090	163.90	92.97	7.03
200	3.75	.075	164.40	93.25	6.75
230	4.0	.063	170.35	96.63	3.37
PAN			176.25	99.97	.03

PHI(5): -2.14	PHI(16): -.36	PHI(25): .18
PHI(50): .83	PHI(75): 1.58	PHI(84): 1.91
PHI(95): 3.88		

SIEVE LOSS(g):	.05	MEAN (PHI):	.83
MEDIAN (mm):	.561	MEAN (mm):	.564
SILT/CLAY:	6.75%	SORTING:	1.134
SKEWNESS:	.067	KURTOSIS:	1.765

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB2-S1.TAB

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

SAMPLE NO.: SB2 S#2
SAMPLE ELEV. (FT. NGVD): -36.9
SAMPLE DEPTH (FT.): -3.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SM

DRY SAMPLE WEIGHT (GRAMS): 152.60
SAMPLE WEIGHT AFTER WASH (GRAMS): 129.50

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	.59	99.41
7	-1.5	2.800	1.30	.85	99.15
10	-1.0	2.000	2.10	1.38	98.62
14	-0.5	1.400	3.40	2.23	97.77
18	0.0	1.000	5.60	3.67	96.33
25	0.5	.710	12.20	7.99	92.01
35	1.0	.500	27.00	17.69	82.31
45	1.5	.355	39.95	26.18	73.82
60	2.0	.250	65.90	43.18	56.82
80	2.5	.180	91.00	59.63	40.37
120	3.0	.125	109.30	71.63	28.37
170	3.5	.090	124.20	81.39	18.61
200	3.75	.075	128.40	84.14	15.86
230	4.0	.063	140.75	92.23	7.77
PAN			152.50	99.93	.07

PHI(5): .15	PHI(16): .91	PHI(25): 1.43
PHI(50): 2.21	PHI(75): 3.17	PHI(84): 3.74
PHI(95): 4.09		

SIEVE LOSS(g): .10	MEAN (PHI): 2.22
MEDIAN (mm): .217	MEAN (mm): .215
SILT/CLAY: 15.86%	SORTING: 1.412
SKEWNESS: -.175	KURTOSIS: .925

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB2-S2.TAB