

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

SAMPLE NO.: SB9 S#1
SAMPLE ELEV. (FT. NGVD): -33.4
SAMPLE DEPTH (FT.): -1.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 130.20
SAMPLE WEIGHT AFTER WASH (GRAMS): 125.30

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	.80	.61	99.39
7	-1.5	2.800	2.50	1.92	98.08
10	-1.0	2.000	4.00	3.07	96.93
14	-0.5	1.400	6.00	4.61	95.39
18	0.0	1.000	9.90	7.60	92.40
25	0.5	.710	25.00	19.20	80.80
35	1.0	.500	57.90	44.47	55.53
45	1.5	.355	82.70	63.52	36.48
60	2.0	.250	109.50	84.10	15.90
80	2.5	.180	119.60	91.86	8.14
120	3.0	.125	123.10	94.55	5.45
170	3.5	.090	124.55	95.66	4.34
200	3.75	.075	125.00	96.01	3.99
230	4.0	.063	127.65	98.04	1.96
PAN			130.15	99.96	.04

PHI(5):	-.43	PHI(16):	.36	PHI(25):	.61
PHI(50):	1.15	PHI(75):	1.78	PHI(84):	2.00
PHI(95):	3.20				

SIEVE LOSS(g):	.05	MEAN (PHI):	1.25
MEDIAN (mm):	.452	MEAN (mm):	.419
SILT/CLAY:	3.99%	SORTING:	.818
SKEWNESS:	.479	KURTOSIS:	1.281

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB9-S1.TAB

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

SAMPLE NO.: SB9 S#2
SAMPLE ELEV. (FT. NGVD): -35.4
SAMPLE DEPTH (FT.): -3.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 160.10
SAMPLE WEIGHT AFTER WASH (GRAMS): 152.80

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	.81	99.19
7	-1.5	2.800	2.20	1.37	98.63
10	-1.0	2.000	4.00	2.50	97.50
14	-0.5	1.400	6.40	4.00	96.00
18	0.0	1.000	12.40	7.75	92.25
25	0.5	.710	26.50	16.55	83.45
35	1.0	.500	52.10	32.54	67.46
45	1.5	.355	75.20	46.97	53.03
60	2.0	.250	113.25	70.74	29.26
80	2.5	.180	138.00	86.20	13.80
120	3.0	.125	147.50	92.13	7.87
170	3.5	.090	151.25	94.47	5.53
200	3.75	.075	152.40	95.19	4.81
230	4.0	.063	156.25	97.60	2.40
PAN			160.00	99.94	.06

PHI(5):	-.37	PHI(16):	.47	PHI(25):	.76
PHI(50):	1.56	PHI(75):	2.14	PHI(84):	2.43
PHI(95):	3.68				

SIEVE LOSS(g):	.10	MEAN (PHI):	1.56
MEDIAN (mm):	.338	MEAN (mm):	.340
SILT/CLAY:	4.81%	SORTING:	.980
SKEWNESS:	.190	KURTOSIS:	1.208

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB9-S2.TAB