

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

SAMPLE NO.: SB17 S#1
SAMPLE ELEV. (FT. NGVD): -34.0
SAMPLE DEPTH (FT.): -1.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 175.90
SAMPLE WEIGHT AFTER WASH (GRAMS): 171.70

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	3.50	1.99	98.01
7	-1.5	2.800	4.80	2.73	97.27
10	-1.0	2.000	7.00	3.98	96.02
14	-0.5	1.400	10.50	5.97	94.03
18	0.0	1.000	17.20	9.78	90.22
25	0.5	.710	36.60	20.81	79.19
35	1.0	.500	80.65	45.85	54.15
45	1.5	.355	121.90	69.30	30.70
60	2.0	.250	157.00	89.26	10.74
80	2.5	.180	166.70	94.77	5.23
120	3.0	.125	169.70	96.48	3.52
170	3.5	.090	171.10	97.27	2.73
200	3.75	.075	171.50	97.50	2.50
230	4.0	.063	173.75	98.78	1.22
PAN			175.90	100.00	.00

PHI(5): -.74	PHI(16): .28	PHI(25): .58
PHI(50): 1.09	PHI(75): 1.64	PHI(84): 1.87
PHI(95): 2.57		

SIEVE LOSS(g): .00	MEAN (PHI): 1.01
MEDIAN (mm): .470	MEAN (mm): .496
SILT/CLAY: 2.50%	SORTING: .793
SKEWNESS: -.353	KURTOSIS: 1.281

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:SB17S1.TAB

GRAIN SIZE IN PHI UNITS

PERCENT FINER BY WEIGHT

PERCENT COARSER BY WEIGHT

GRAIN SIZE IN MILLIMETERS

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
SB17 S#1	-34.0	-1.0	SP	0.50	0.47	0.79

SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
SB17 S#1 O	-34.0	-1.0	SP	0.50	0.47	0.79