

GRADATION ANALYSIS REPORT
CAPTIVA ISLAND VC 03/01/93

TESTED BY: MDA ON: 04/09/93

SAMPLE NO.: CORE #6
SAMPLE ELEV. (FT. NGVD): 31.60
SAMPLE DEPTH (FT.): 0.60
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 198.90
SAMPLE WEIGHT AFTER WASH (GRAMS): 192.00

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	5.20	2.61	97.39
5	-2.0	4.000	12.70	6.39	93.61
7	-1.5	2.800	17.40	8.75	91.25
10	-1.0	2.000	26.10	13.12	86.88
14	-0.5	1.400	39.05	19.63	80.37
18	0.0	1.000	57.30	28.81	71.19
25	0.5	.710	82.65	41.55	58.45
35	1.0	.500	113.50	57.06	42.94
45	1.5	.355	132.45	66.59	33.41
60	2.0	.250	152.60	76.72	23.28
80	2.5	.180	172.10	86.53	13.47
120	3.0	.125	187.80	94.42	5.58
170	3.5	.090	191.45	96.25	3.75
200	3.75	.075	191.80	96.43	3.57
230	4.0	.063	195.35	98.22	1.78
PAN			198.90	100.00	.00

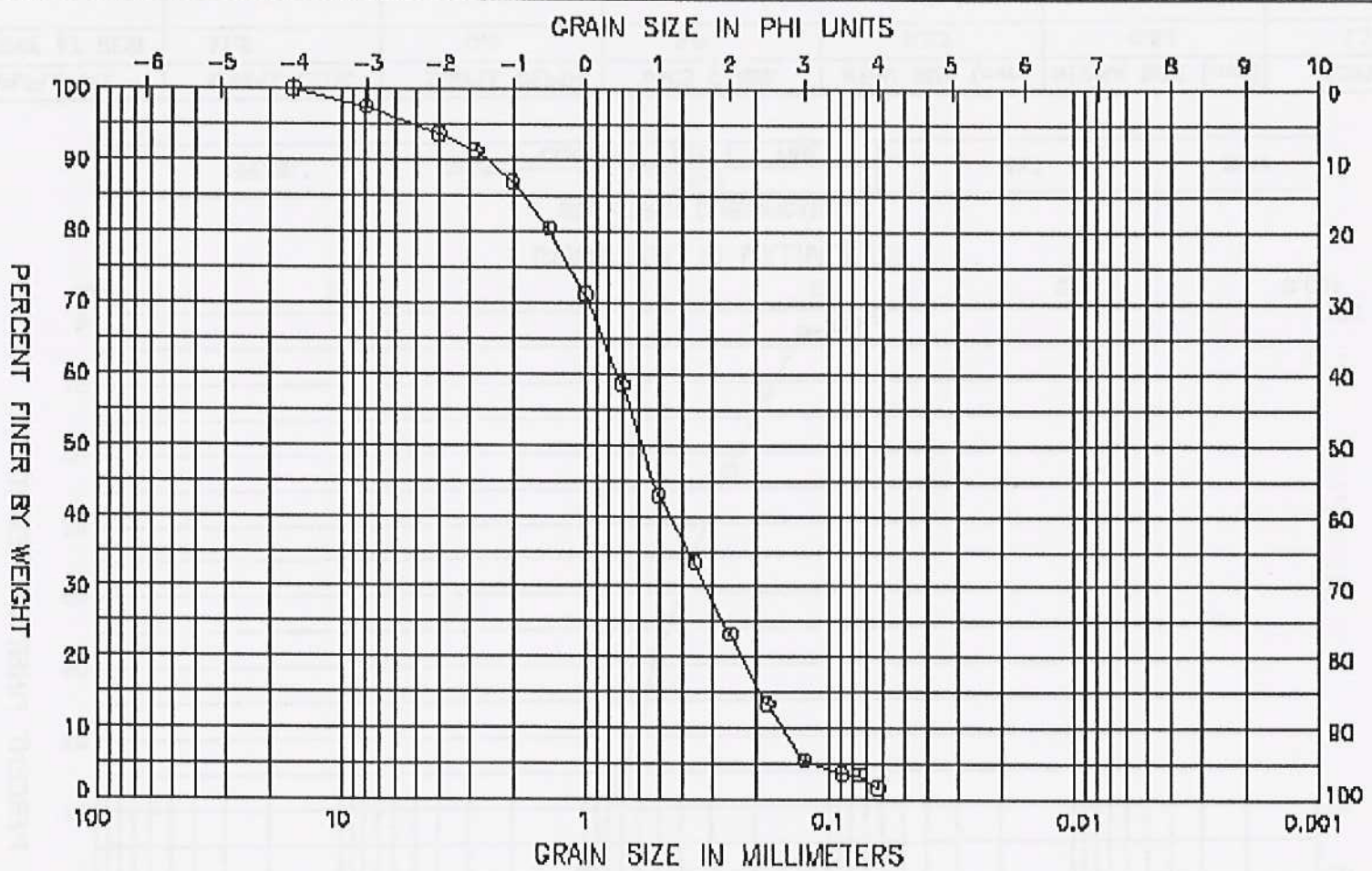
SIEVE LOSS (g):	.00	MEAN (PHI):	.63
MEDIAN (mm):	.585	MEAN (mm):	.646
SILT/CLAY:	3.57%	SORTING:	1.575
SKEWNESS:	-.754	KURTOSIS:	1.067

PHI(5): -2.37	PHI(16): -.78	PHI(25): -.21
PHI(50): .77	PHI(75): 1.92	PHI(84): 2.37
PHI(95): 3.16		

COEFFICIENT OF CURVATURE : .884
COEFFICIENT OF UNIFORMITY: 4.860

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:C#6 S#7.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
CORE #6 ①	31.6	0.80	SP	0.85	0.59	1.58

GRAIN SIZE DISTRIBUTION CURVE
CAPTIVA ISLAND VC 03/01/93