

GRADATION ANALYSIS REPORT
CAPTIVA ISLAND VC 03/01/93

TESTED BY: MDA ON: 04/09/93

SAMPLE NO.: CORE #8
SAMPLE ELEV. (FT. NGVD): 29.10
SAMPLE DEPTH (FT.): 1.3
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 185.10
SAMPLE WEIGHT AFTER WASH (GRAMS): 182.30

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	1.35	.73	99.27
7	-1.5	2.800	2.80	1.51	98.49
10	-1.0	2.000	5.90	3.19	96.81
14	-0.5	1.400	12.15	6.56	93.44
18	0.0	1.000	21.30	11.51	88.49
25	0.5	.710	35.55	19.21	80.79
35	1.0	.500	56.65	30.61	69.39
45	1.5	.355	76.60	41.38	58.62
60	2.0	.250	108.90	58.83	41.17
80	2.5	.180	154.15	83.28	16.72
120	3.0	.125	180.10	97.30	2.70
170	3.5	.090	181.90	98.27	1.73
200	3.75	.075	182.15	98.41	1.59
230	4.0	.063	183.65	99.22	.78
PAN			185.10	100.00	.00

SIEVE LOSS(g):	.00	MEAN (PHI):	1.35
MEDIAN (mm):	.298	MEAN (mm):	.392
SILT/CLAY:	1.59%	SORTING:	1.117
SKEWNESS:	-1.307	KURTOSIS:	.949

PHI(5):	-.73	PHI(16):	.29	PHI(25):	.75
PHI(50):	1.75	PHI(75):	2.33	PHI(84):	2.53
PHI(95):	2.92				
COEFFICIENT OF CURVATURE :	.823				
COEFFICIENT OF UNIFORMITY:	2.469				

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:C#8 S#10.TAB

GRADATION ANALYSIS REPORT
CAPTIVA ISLAND VC 03/01/93

TESTED BY: MDA ON: 04/09/93

SAMPLE NO.: CORE #8
SAMPLE ELEV. (FT. NGVD): 31.40
SAMPLE DEPTH (FT.): 3.60
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP-SM

DRY SAMPLE WEIGHT (GRAMS): 197.70
SAMPLE WEIGHT AFTER WASH (GRAMS): 185.50

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	2.30	1.16	98.84
7	-1.5	2.800	5.25	2.66	97.34
10	-1.0	2.000	9.90	5.01	94.99
14	-0.5	1.400	16.50	8.35	91.65
18	0.0	1.000	25.10	12.70	87.30
25	0.5	.710	35.70	18.06	81.94
35	1.0	.500	49.20	24.89	75.11
45	1.5	.355	59.95	30.32	69.68
60	2.0	.250	76.70	38.80	61.20
80	2.5	.180	111.60	56.45	43.55
120	3.0	.125	168.30	85.13	14.87
170	3.5	.090	182.10	92.11	7.89
200	3.75	.075	184.30	93.22	6.78
230	4.0	.063	191.20	96.71	3.29
PAN			197.50	99.90	.10

SIEVE LOSS(g):	.20	MEAN (PHI):	1.70
MEDIAN (mm):	.201	MEAN (mm):	.309
SILT/CLAY:	6.78%	SORTING:	1.336
SKEWNESS:	-1.759	KURTOSIS:	1.103

PHI(5): -1.00	PHI(16): .31	PHI(25): 1.01
PHI(50): 2.32	PHI(75): 2.82	PHI(84): 2.98
PHI(95): 3.88		

COEFFICIENT OF CURVATURE : .940
COEFFICIENT OF UNIFORMITY: 2.488

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:C#8 S#11.TAB

GRADATION ANALYSIS REPORT
CAPTIVA ISLAND VC 03/01/93

TESTED BY: MDA ON: 04/09/93

SAMPLE NO.: CORE #8
SAMPLE ELEV. (FT. NGVD): 32.80
SAMPLE DEPTH (FT.): 5.0
SAMPLE TYPE: CORE SAMPLE

USCS DESCRIPTION: SP

DRY SAMPLE WEIGHT (GRAMS): 203.50
SAMPLE WEIGHT AFTER WASH (GRAMS): 199.90

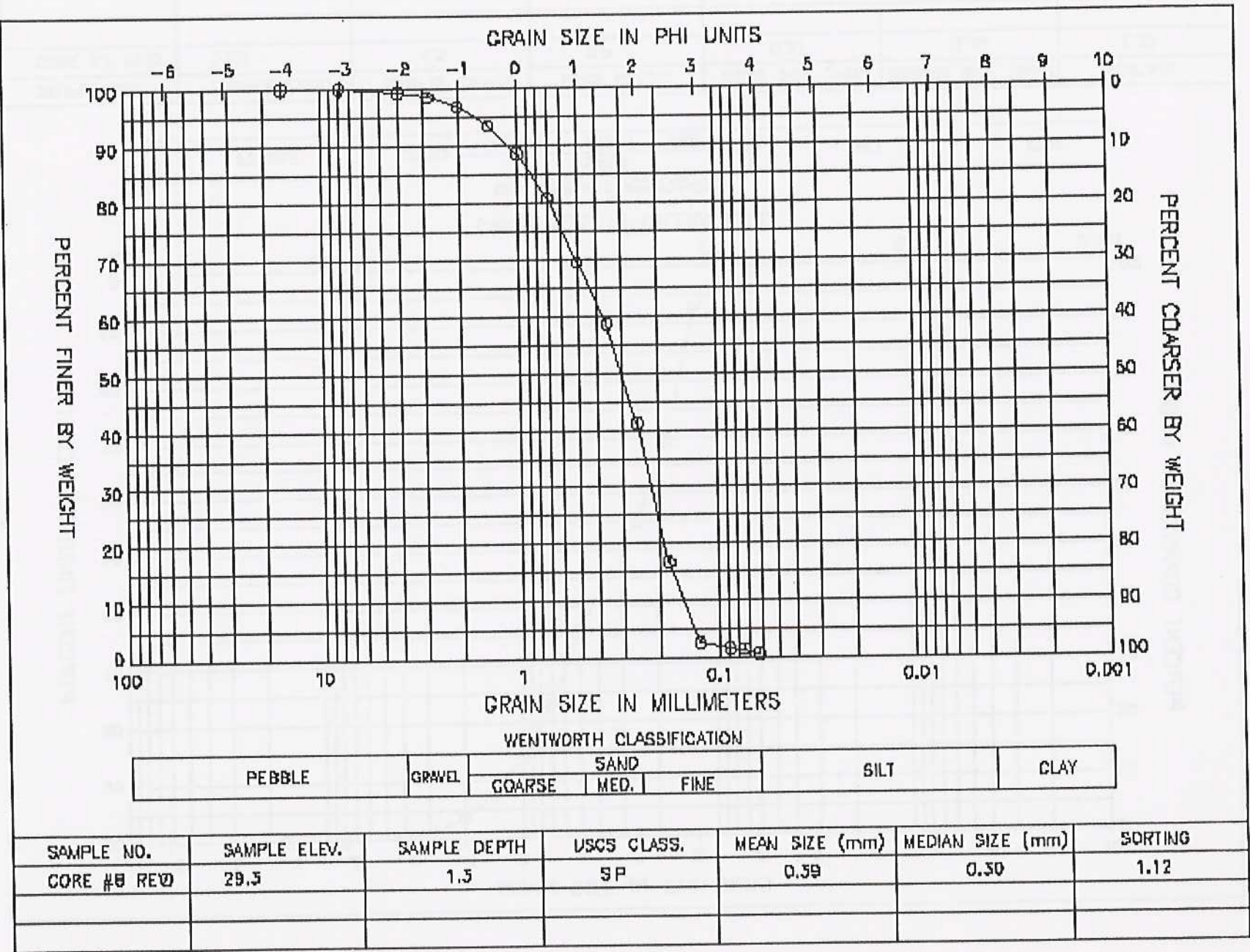
SIEVE SIZE	PHI SIZE	MESH SIZE (mm)	RETAINED (GRAMS)	RETAINED (%)	PASSED (%)
5/8	-4.0	16.000	.00	.00	100.00
5/16	-3.0	8.000	.60	.29	99.71
5	-2.0	4.000	2.10	1.03	98.97
7	-1.5	2.800	3.20	1.57	98.43
10	-1.0	2.000	5.45	2.68	97.32
14	-0.5	1.400	9.90	4.86	95.14
18	0.0	1.000	16.30	8.01	91.99
25	0.5	.710	25.35	12.46	87.54
35	1.0	.500	37.20	18.28	81.72
45	1.5	.355	47.25	23.22	76.78
60	2.0	.250	65.45	32.16	67.84
80	2.5	.180	115.00	56.51	43.49
120	3.0	.125	187.70	92.24	7.76
170	3.5	.090	198.60	97.59	2.41
200	3.75	.075	199.50	98.03	1.97
230	4.0	.063	201.55	99.04	.96
PAN			203.45	99.98	.02

SIEVE LOSS (g):	.05	MEAN (PHI):	1.77
MEDIAN (mm):	.194	MEAN (mm):	.294
SILT/CLAY:	1.97%	SORTING:	1.040
SKEWNESS:	-1.953	KURTOSIS:	1.321

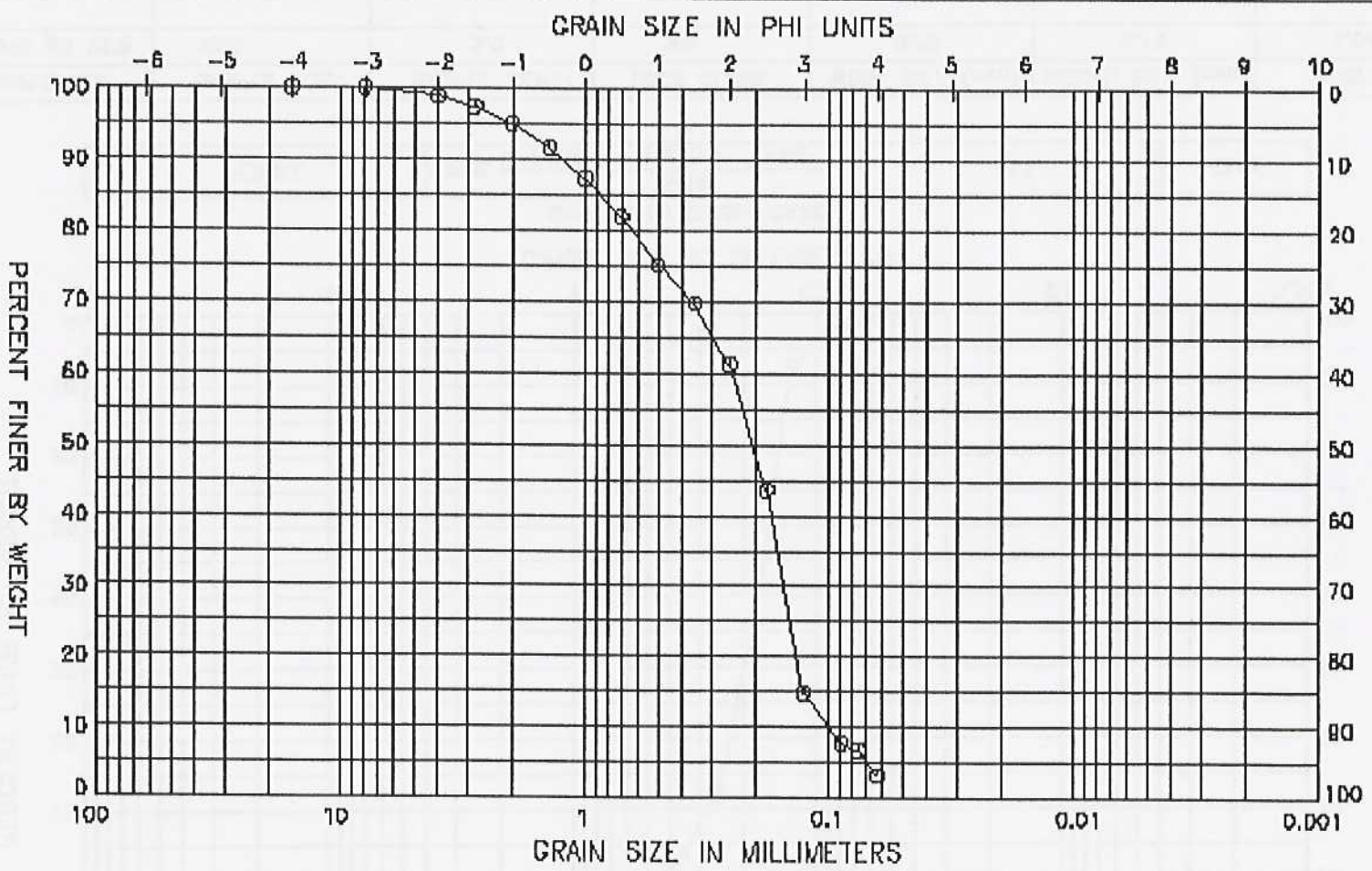
PHI(5):	-.48	PHI(16):	.80	PHI(25):	1.60
PHI(50):	2.37	PHI(75):	2.76	PHI(84):	2.88
PHI(95):	3.26				
COEFFICIENT OF CURVATURE : .842					
COEFFICIENT OF UNIFORMITY: 1.750					

NOTE: MEAN WAS CALCULATED USING 5 POINT METHOD
DATA FILE NAME: A:C#8 S#12.TAB

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



PERCENT COARSER BY WEIGHT



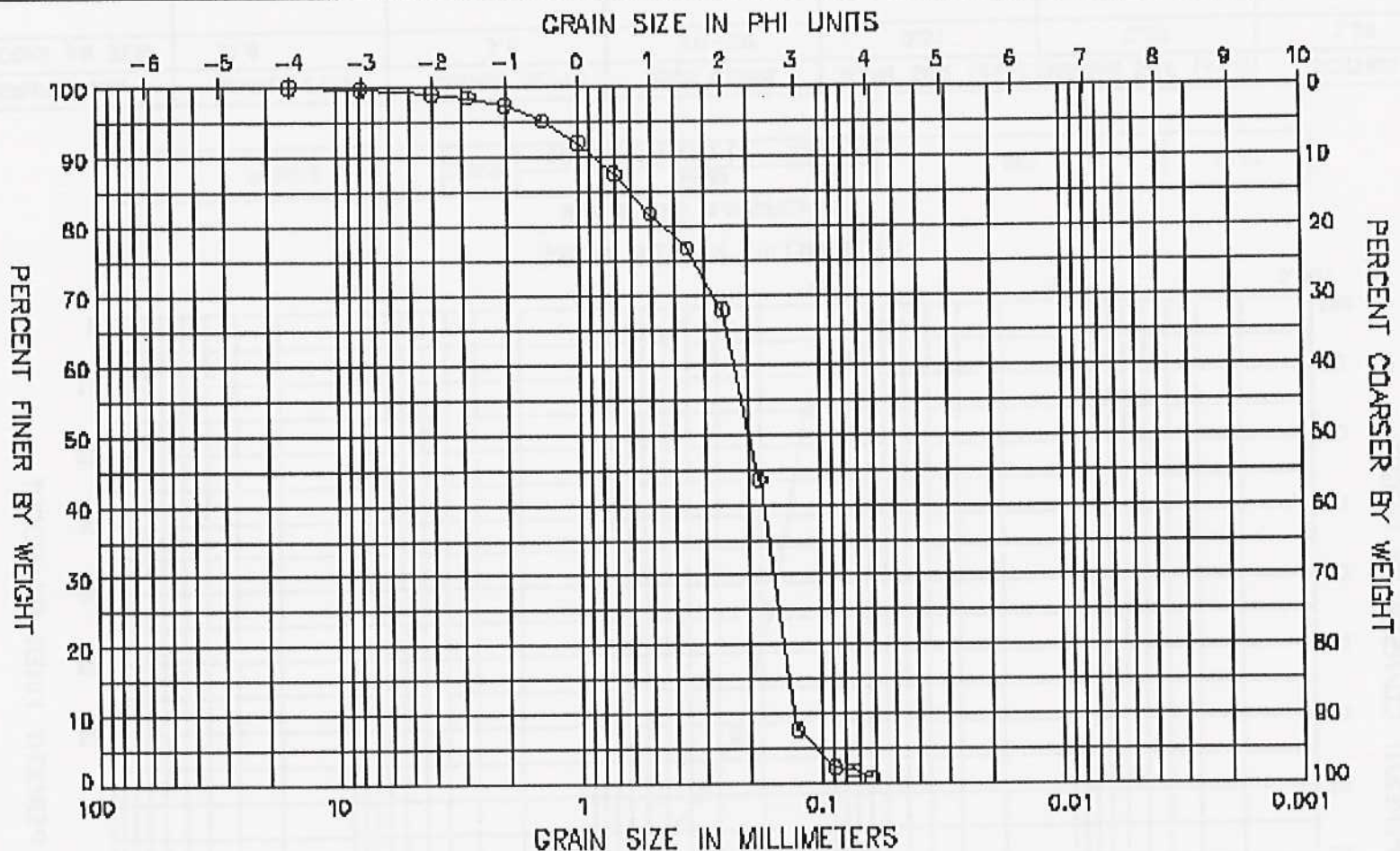
WENTWORTH CLASSIFICATION

PEBBLE	GRAVEL	SAND			SILT	CLAY
		COARSE	MED.	FINE		

SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
CORE #8 REV	31.6	3.8	SP-SM	0.51	0.20	1.34

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

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



PEBBLE	GRAVEL	SAND			SILT	CLAY
		COARSE	MED.	FINE		

SAMPLE NO.	SAMPLE ELEV.	SAMPLE DEPTH	USCS CLASS.	MEAN SIZE (mm)	MEDIAN SIZE (mm)	SORTING
CORE #8 REV	33.0	5.0	SP	0.29	0.19	1.04