

Table 8 - A Summary of the Average Carbonate Percentages and Mean Grain Sizes

Sample Sites	Beach Reach	# Site (used)	Ave Carb %	Ave Pre Mean (mm)	Ave Pre Mean (phi)	Ave Post Mean (mm)	Ave Post Mean (phi)
PI01-PI03	Three Rooker Bar	3	0.9	0.178	2.489	0.178	2.493
PI04-PI08	Honeymoon Island	5	5.0	0.184	2.439	0.174	2.525
PI09-PI11	Caladesi Island/Bird Key	3	6.1	0.194	2.364	0.186	2.430
PI12-PI16	Clearwater Beach Island	5 (4)	9.4	0.225	2.150	0.208	2.269
PI17-PI32	Sand Key	16	36.7	0.375	1.413	0.188	2.408
PI33-PI37	Treasure Island	5	40.9	0.481	1.057	0.210	2.252
PI38-PI42	Long Key	5	32.7	0.351	1.509	0.185	2.433
PI43-PI45	Shell Key Shoal	3	52.0	0.369	1.440	0.200	2.320
PI46-PI48	Mullet Key	3	7.5	0.327	1.613	0.155	2.691
HI01-HI03	Egmont Key	3	0.9	0.287	1.802	0.215	2.216
MN01-MN09	Anna Maria Island	9	23.2	0.331	1.597	0.207	2.272
MN10-SA06	Longboat Key	12 (11)	32.9	0.303	1.721	0.202	2.310
	[MN10-MN15]	6 (5)	33.8	0.297	1.754	0.211	2.246
	[SA01-SA06]	6	32.1	0.337	1.570	0.201	2.317
SA07-SA10	Lido Key	4	33.5	0.329	1.602	0.174	2.527
SA11-SA25	Siesta Key & Casey Key	15 (13)	56.1	0.574	0.800	0.241	2.053
SA26-CH05	Manasota Key	19	47.3	0.458	1.128	0.326	1.617
	[SA26-SA39]	14	49.1	0.446	1.165	0.317	1.659
	[CH01-CH05]	5	42.3	0.490	1.029	0.347	1.529
CH06-CH13	Knight Isl./Don Pedro Isl.	8	28.5	0.324	1.624	0.244	2.036
CH14-LE06	Gasparilla Island	8	33.7	0.418	1.258	0.247	2.016
	[CH14-CH15]	2	27.8	0.391	1.353	0.222	2.170
	[LE01-LE06]	6	35.6	0.427	1.228	0.256	1.968
LE07-LE14	La Costa Island	8	46.2	0.563	0.829	0.262	1.935
LE15-LE19	North Captiva Island	5	43.4	0.743	0.428	0.267	1.907
LE20-LE25	Captiva Island	6	51.5	0.536	0.899	0.361	1.469
LE26-LE39	Sanibel Island	14	48.9	0.432	1.209	0.204	2.293
LE40-LE47	Estero Island	8	8.8	0.183	2.452	0.159	2.650
LE48-LE50	Lovers Key	3	51.6	0.548	0.869	0.160	2.640
LE51-LE52	Big Hickory Island	2	29.8	0.298	1.747	0.178	2.488
LE53-CR04	Little Hickory Island	7 (6)	65.0	0.914	0.130	0.219	2.193
	[LE53-LE55]	3	76.5	1.307	-0.386	0.213	2.228
	[CR01-CR04]	4 (3)	53.4	0.424	1.240	0.236	2.086
CR05-CR10	Wiggins Pass to Clam Pass	6	33.6	0.472	1.083	0.323	1.628
CR11-CR14	Clam Pass to Doctors Pass	4	24.0	0.391	1.354	0.331	1.593
CR15-CR21	Doctors Pass to Gordon Pass	7	23.0	0.377	1.406	0.320	1.642
CR22-CR30	Keewaydin Island	9	32.9	0.399	1.327	0.216	2.212
CR31-CR32	Little Marco Island	2	8.3	0.181	2.468	0.158	2.662
CR33-CR40	Marco Island	8	37.6	0.494	1.018	0.193	2.372
CR41-CR47	Kice Isl./Cape Romano Isl.	7 (4)	24.9	0.420	1.251	0.198	2.338

Note: The following were not analyzed after digestion due to the amount of Carbonate:

PI-37-BB, SA-17, SA-20, SA-26-BB, SA-27-BB, SA-30, LE-08, LE-31-BB.

The following sites were not collected: PI-16, MN-10, SA-11, SA-15, CR-04, CR-42, CR-44, & CR-45

Table 8 continued

Sample Sites	Beach Reach	# Site (used)	Ave Carb %	Ave Pre Mean (mm)	Ave Pre Mean (phi)	Ave Post Mean (mm)	Ave Post Mean (phi)
MO01-MO03	Lower Matacube Key	3	98.1	0.524	0.933		
MO04-MO06	Long Key	3	98.9	0.374	1.420		
MO07	Little Crawl Key	1	1.7	0.495	1.015	0.495	1.015
MO08-MO10	Coco Plum Beach & Key Colony Beach	3	89.5	0.457	1.130		
MO11	Vaca Key	1	94.6	0.456	1.133		
MO12	Little Duck Key	1	99.6	0.790	0.340		
MO13-MO16	Ohio Key & Bahia Honda Key	4 (3)	99.9	0.329	1.605		
MO17-MO18	Spanish Harbor Keys	2 (1)	100.0	2.028	-1.020		
MO19-MO21	Long Beach (Big Pine Key)	3	99.8	1.517	-0.601		
MO22	Cook Island	1	99.9	1.057	-0.080		
MO23-MO24	Big Munson Island	2	99.9	1.113	-0.154		
MO25	Munson Island	1	53.4	0.474	1.078	0.251	1.994
MO26-MO27	Sugarloaf Key	2	99.2	0.974	0.038		
MO28-MO30	Key West	3	34.9	0.433	1.207	0.413	1.277

Note: Only the following were analyzed after digestion due to the amount of Carbonate:

MO-07, MO-25, MO-28-BB, MO-29-BB, MO-30.

The following sites were not collected: MO-13 & MO-17