

Table 7: A Summary of Sediment Descriptions (from North to South)	
Nassau County	
	Description
NA-01 through NA-11	Quartz Sand with 5-10% Shell Fragments and 2-5% Heavies.
NA-12 through NA-14	Quartz Sand with 10-35% Shell Fragments and <3% Heavies
Duval County	
DU-11 through DU-18	Quartz Sand with 5-20% Heavies and <1% Shell Fragments (except NA-15-SS: Mud with 15% Quartz Sand)
DU-01 through DU-03	Quartz Sand with 5-25% Shell and <3% Heavies
DU-04 through DU-10	Quartz Sand with <5% Heavies and <3% Shell
St. Johns County	
SJ-01 through SJ-04	Quartz Sand with 2-10% Heavies and <3% Shell
SJ-05 through SJ-07(SS)	Quartz Sand with 5-15% Heavies and <10% Shell
SJ-07(BB) through SJ-25	Mixture of Quartz Sand and Shell Hash with <5% Heavies
SJ-26 through SJ-31	Quartz Sand with <2% Heavies and 3-15% Shell
SJ-32 through SJ-40	Quartz Sand with 2-10% Heavies and <4% Shell
SJ-41 through SJ-44	Quartz Sand with 2-30% Shell Fragments (varies along the width of the beach) and 1-10% Heavies
Flagler County	
FG-01 through FG-20	Mixture of Quartz Sand and Shell Hash with <3% Heavies
Volusia County	
VO-01 through VO-08	Quartz Sand with 20-40% Shell <3% Heavies
VO-09 through VO-38	Quartz Sand with 5-20% Shell, 5-30% Heavies
VO-39 through VO-57	Mixture of Quartz Sand and Shell Hash with <1% Heavies
Brevard County	
BV-01 through BV-11	Quartz Sand with 30-50% Shell Fragments; a Small Amount of which are Recognizable as Mollusks, Barnacles, and Weathered Bryozoa.
BV-12 through BV-29	Fewer Shell Fragments, Presence of a Moderate Amount of Heavies
BV-30 through BV-33	Sands become Bimodal and Well-graded
BV-35 through BV-36	Finer Sands and Moderate Amount of Heavies
BV-37 through BV-39	Quartz Sand with 15-30% Shell Fragments and Moderate Amount of Heavies
BV-40 through BV-45	Quartz Sand with 20-40% Shell Fragments and Trace Heavies
BV-46 through BV-58	Quartz Sand with Larger Recognizable Shell Fragments, Moderate Amount of Heavies and Trace Amounts of Fines
BV-59 through BV-61	Only Trace Heavies
BV-62 through BV-79	Quartz Sand with 30-50% Shell Fragments and Small to Moderate Amount of Heavies. Exceptions include 63-SS, 73-BB, 74-BB [Significant Amount of Heavies (>15%)] and 64-BB, 66-BB, 72-BB [Finer Sand with Small Amount of Shell (<5%)]
Indian River County	
IR-01 through IR-24	Characterized by Quartz Sand with ~30% Shell fragments and Small Amount of Heavy Minerals. IR-03 through IR-10: BB Samples Include a Small Amount of Micrite.

A Sedimentological and Granulometric Atlas of the Beach Sediments of Florida's East Coast, FGS - FDEP (2009)

Table 7 cont.	
St. Lucie County	
SL-01 through SL-07	Quartz Sand with Large Amount of Shell Material and Small Amount of Heavies
SL-08 through SL-12	Larger Shell Fragments with Large Amount of Quartz Sand, Appear to be Mineralized (by Phosphate or Dolomite)
SL-13 through SL-23	Quartz Sand with Fewer and Smaller Shell Fragments.
Martin County	
MT-01 through MT-03	Quartz Sand with Trace of Shell Fragments
MT-04 through MT-07	Larger Shell Fragments with Large Amount of Quartz Sand, appear to be mineralized (by Phosphate or Dolomite); Large Percentage of Barnacle Fragments
MT-08 through MT-15	Quartz Sand with fewer and Smaller Shell Fragments
MT-16 through MT19:	Shell Fragments with Large Amount of Quartz Sand; Increase in Millioids
MT-20 through MT-26	Larger Shell Fragments with Large Amount of Quartz Sand; change in forams: decrease in Hauerinidae and increase in Sortids (especially Archais spp.)
Palm Beach County	
PB-01 through PB-16	Mix of Shell Fragments and Quartz Sand where Carbonate Percent Decreases towards the Back Beach. Forams present: Archais, Asterigerina, and Amphistegina
PB-17 through PB-30	Fewer Forams
PB-31 through PB-33	Back Beach samples dramatically different from SS and MB (Lighter in Color, Lower Carbonate Percentage, Smaller Carbonate Grain Size)
PB-34 through PB-45	Mix of Shell Fragments and Quartz Sand. Forams present: Archais, Asterigerina, Elphidium, and Haueridae. [38-BB: Smaller Shell Fragments; 40-SS: Larger Shell Fragments, Large Amount of Bryozoa; 45-MB & BB: Larger Shell Fragments]
Broward County	
BW-01 through BW-06	Mix of Shell fragments and Quartz Sand. Low Percent of Forams Present; Archais is primary foram present.
BW-07 through BW-08	Back Beach samples dramatically different from SS and MB (Lighter in Color, Large Amount of Calcarenite and Micrite Present)
BW-09 through BW-21	Mix of Shell Fragments and Quartz Sand. Small Amounts of Calcarenite and Micrite Present in Back Beach Samples. Increase in Forams. Forams present: Archais, Asterigerina, Amphistegina, Elphidium, and Haueridae
BW-22 through BW-26	Less Quartz Sand present
Dade County	
DD-01 through DD-09	Calcarenite with Shell Fragments and Quartz Sand. Forams present: Archais, Amphistegina, and Haueridae
DD-10 through DD-11	Back Beach samples dramatically different from SS and MB (Quartz Sand with very Small Amount of Carbonate)
DD-12 through DD-15	Calcarenite with Shell Fragments and Quartz Sand
DD-16 through DD-19	Quartz Sand with 30-40% Carbonates
DD-20 through DD-23	Darker in Color, Increase in Organics and Mineralized Shell Fragments