
DADE COUNTY

BEACH SAMPLE DESCRIPTIONS

Beach Samples DD-01-SS to DD-23-BB

Worked By: Michelle Ladle

Samples Described 04/09/09 through 04/14/09

Beach Sample Location DD-01

DD-01-SS

Calcarenite; Yellowish Gray to Moderate Gray; Unconsolidated; Accessory Minerals: Quartz Sand-25%, Shell-20%; Fossils: Fossil Fragments, Echinoids, Bryozoa, Benthic Foraminifera; Forams Include *Archais spp.* & *Hauerinidae*

DD-01-BB

Calcarenite; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Quartz Sand-25%, Shell-15%, Calcilutite-<1%; Fossils: Fossil Fragments, Echinoids, Benthic Foraminifera; Forams Include *Amphistegina sp.* & *Hauerinidae*

Beach Sample Location DD-02

DD-02-SS

Calcarenite; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Shell-15%, Quartz Sand-10%, Calcilutite-<1%; Fossils: Fossil Fragments, Echinoids, Benthic Foraminifera

DD-02-BB

Calcarenite; Very Light Orange to Light Gray; Unconsolidated; Accessory Minerals: Shell-10%, Quartz Sand-05%, Calcilutite-03%; Fossils: Fossil Fragments, Benthic Foraminifera; Grains Well Covered in Micrite: Difficult to Distinguish; Quartz from Carbonate Sands

Beach Sample Location DD-03

DD-03-SS

Calcarenite; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Shell-15%, Quartz Sand-10%, Calcilutite-<1%; Fossils: Fossil Fragments, Echinoids, Benthic Foraminifera

DD-03-BB

Calcarenite; Very Light Orange to Light Gray; Unconsolidated; Accessory Minerals: Shell-30%, Quartz Sand-25%, Calcilutite-03%; Fossils: Fossil Fragments, Echinoids, Benthic Foraminifera

Beach Sample Location DD-04

DD-04-SS

Calcarenite; Yellowish Gray to Moderate Gray; Unconsolidated; Accessory Minerals: Shell-40%, Quartz Sand-05%; Fossils: Fossil Fragments, Mollusks, Coral, Echinoids, Benthic Foraminifera

DD-04-MB

Calcarenite; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Shell-15%, Quartz Sand-03%, Calcilutite-<1%; Fossils: Fossil Fragments, Echinoids, Bryozoa, Benthic Foraminifera

DD-04-BB

Calcarenite; Yellowish Gray to Light Gray; Unconsolidated; Accessory Minerals: Shell-40%, Quartz Sand-10%, Calcilutite-02%; Fossils: Fossil Fragments, Echinoids, Benthic Foraminifera

Beach Sample Location DD-05

DD-05-SS

Calcarenite; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Shell-05%, Quartz Sand-03%; Fossils: Fossil Fragments, Benthic Foraminifera; Forams Include *Archais spp.*

DD-05-MB

Calcarenite; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Shell-10%, Quartz Sand-04%; Fossils: Fossil Fragments, Mollusks, Coral, Echinoids, Benthic Foraminifera

DD-05-BB

Calcarenite; Yellowish Gray to Light Gray; Unconsolidated; Accessory Minerals: Shell-15%, Quartz Sand-06%, Calcilutite-01%; Fossils: Fossil Fragments, Mollusks, Echinoids, Benthic Foraminifera

Beach Sample Location DD-06

DD-06-SS

Calcarenite; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Shell-30%, Quartz Sand-30%; Fossils: Fossil Fragments, Echinoids, Benthic Foraminifera

DD-06-BB

Calcarenite; Very Light Orange to Moderate Light Gray; Unconsolidated; Accessory Minerals: Shell-30%, Quartz Sand-25%; Fossils: Fossil Fragments, Mollusks, Benthic Foraminifera

Beach Sample Location DD-07

DD-07-SS

Calcarenite; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Shell-30%, Quartz Sand-05%; Fossils: Fossil Fragments, Echinoids, Benthic Foraminifera; Forams Include *Archais spp.*

DD-07-MB

Calcarenite; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Shell-35%, Quartz Sand-08%; Fossils: Fossil Fragments, Bryozoa, Coral, Benthic Foraminifera

DD-07-BB

Calcarenite; Yellowish Gray to Light Gray; Unconsolidated; Accessory Minerals: Shell-25%, Quartz Sand-08%; Calcilutite-02%; Fossils: Fossil Fragments, Mollusks, Brachiopod, Benthic Foraminifera

Beach Sample Location DD-08

DD-08-SS

Calcarenite; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Shell-35%, Quartz Sand-15%; Calcilutite-<1%; Fossils: Fossil Fragments, Mollusks, Bryozoa, Echinoids, Benthic Foraminifera

DD-08-BB

Calcarenite; White to Light Gray; Unconsolidated; Accessory Minerals: Shell-25%, Quartz Sand-15%; Calcilutite-02%; Fossils: Fossil Fragments, Mollusks, Echinoids, Benthic Foraminifera

Beach Sample Location DD-09

DD-09

Calcarenite; Yellowish Gray to Light Olive Gray; Unconsolidated; Accessory Minerals: Shell-40%, Quartz Sand-10%; Fossils: Fossil Fragments, Coral, Echinoids, Benthic Foraminifera; Forams Include *Archais spp.*, *Amphistegina sp.*, & *Hauerinidae*

Beach Sample Location DD-10

DD-10-SS

Calcarenite; Yellowish Gray to Light Olive Gray; Unconsolidated; Accessory Minerals: Shell-30%, Quartz Sand-15%; Fossils: Fossil Fragments, Mollusks, Bryozoa, Echinoids, Benthic Foraminifera

DD-10-BB

Sand; Yellowish Gray to Grayish Orange; Grain Size: Fine; Range: Very Fine to Very Coarse; Roundness: Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Calcarenite-06%, Shell-04%; Fossils: Fossil Fragments, Benthic Foraminifera, Plant Remains; Forams Include *Archais spp.* & *Hauerinidae*

Beach Sample Location DD-11

DD-11-SS

Calcarenite; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Quartz Sand-30%, Shell-25%; Fossils: Fossil Fragments, Mollusks, Coral, Echinoids, Benthic Foraminifera

DD-11-BB

Sand; Yellowish Gray; Unconsolidated; Accessory Minerals: Calcarenite-04%, Shell-03%; Fossils: Fossil Fragments, Benthic Foraminifera, Plant Remains

Beach Sample Location DD-12

DD-12-SS

Calcarenite; Yellowish Gray to Light Gray; Unconsolidated; Accessory Minerals: Shell-30%, Quartz Sand-25%; Fossils: Fossil Fragments, Benthic Foraminifera, Plant Remains

DD-12-MB

Calcarenite; Yellowish Gray to Light Gray; Unconsolidated; Accessory Minerals: Shell-30%, Quartz Sand-20%, Calcilutite-01%; Fossils: Fossil Fragments, Mollusks, Coral, Echinoids, Benthic Foraminifera

DD-12-BB

Calcarenite; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Shell-35%, Quartz Sand-15%, Calcilutite-<1%; Fossils: Fossil Fragments, Bryozoa, Coral, Benthic Foraminifera

Beach Sample Location DD-13

DD-13-SS

Calcarenite; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Quartz Sand-35%, Shell-25%; Fossils: Fossil Fragments, Echinoids, Benthic Foraminifera; Forams Include *Archais spp.* & *Hauerinidae*

DD-13-MB

Calcarenite; Yellowish Gray to Light Gray; Unconsolidated; Accessory Minerals: Shell-30%, Quartz Sand-10%; Fossils: Fossil Fragments, Mollusks, Echinoids, Benthic Foraminifera; Forams Include *Archais spp.*

DD-13-BB

Calcarenite; Yellowish Gray to Light Gray; Unconsolidated; Accessory Minerals: Shell-30%, Quartz Sand-10%, Calcilutite-01%; Fossils: Fossil Fragments, Echinoids, Benthic Foraminifera

Beach Sample Location DD-14

DD-14-SS

Calcarenite; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Shell-35%, Shell-20%; Fossils: Fossil Fragments, Mollusks, Bryozoa, Echinoids, Benthic Foraminifera; Forams Include *Archais spp.*, *Amphistegina sp.*, & *Hauerinidae*

DD-14-B

Calcarenite; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Shell-30%, Quartz Sand-20%; Fossils: Fossil Fragments, Mollusks, Echinoids, Benthic Foraminifera

DD-14-MB

Calcarenite; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Shell-35%, Quartz Sand-10%, Calcilutite-<1%; Fossils: Fossil Fragments, Mollusks, Bryozoa, Echinoids, Benthic Foraminifera

DD-14-BB

Calcarenite; Yellowish Gray to Light Gray; Unconsolidated; Accessory Minerals: Shell-15%, Quartz Sand-05%, Calcilutite-02%; Fossils: Fossil Fragments, Coral, Benthic Foraminifera

Beach Sample Location DD-15

DD-15-SS

Calcarenite; White to Yellowish Gray; Unconsolidated; Accessory Minerals: Shell-10%, Quartz Sand-05%, Calcilutite-<1%; Fossils: Fossil Fragments, Mollusks, Bryozoa, Benthic Foraminifera

DD-15-MB

Calcarenite; Yellowish Gray to Moderate Gray; Unconsolidated; Accessory Minerals: Shell-20%, Quartz Sand-05%; Fossils: Fossil Fragments, Benthic Foraminifera

DD-15-BB

Calcarenite; White to Light Gray; Unconsolidated; Accessory Minerals: Shell-10%, Quartz Sand-05%; Fossils: Fossil Fragments, Coral, Benthic Foraminifera

Beach Sample Location DD-16

DD-16

Sand; Very Light Orange to Grayish Orange; Grain Size: Medium; Range: Very Fine to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-45%; Fossils: Fossil Fragments, Mollusks, Benthic Foraminifera

Beach Sample Location DD-17

DD-17

Sand; Very Light Orange to Grayish Brown; Grain Size: Medium; Range: Very Fine to Coarse; Roundness: Angular to Sub-Angular; Medium Sphericity; Unconsolidated; Accessory Minerals: Calcarenite-25%, Shell-20%; Fossils: Fossil Fragments, Echinoids, Benthic Foraminifera

Beach Sample Location DD-18

DD-18

Sand; Yellowish Gray to Moderate Light Gray; Grain Size: Medium; Range: Very Fine to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-20%, Calcarenite-15%; Fossils: Fossil Fragments, Mollusks, Bryozoa, Echinoids; Benthic Foraminifera

Beach Sample Location DD-19

DD-19

Sand; Yellowish Gray to Grayish Orange; Grain Size: Medium; Range: Very Fine to Very Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-25%, Calcarenite-15%; Fossils: Fossil Fragments

Beach Sample Location DD-20

DD-20-SS

Sand; Yellowish Gray to Light Gray; Grain Size: Medium; Range: Fine to Very Coarse; Roundness: Angular to Sub-Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Calcarenite-35%, Shell-15%, Calcilutite-01%; Fossils: Fossil Fragments, Benthic Foraminifera

DD-20-MB

Sand; Yellowish Gray to Light Gray; Grain Size: Medium; Range: Fine to Very Coarse; Roundness: Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Calcarenite-30%, Shell-20%, Calcilutite-02%; Fossils: Fossil Fragments, Mollusks, Bryozoa, Benthic Foraminifera

DD-20-BB

Sand; Yellowish Gray to Light Gray; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Calcarenite-35%, Shell-10%, Calcilutite-03%; Fossils: Fossil Fragments, Benthic Foraminifera

Beach Sample Location DD-21

DD-21-SS

Sand; Yellowish Gray to Moderate Gray; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Calcarenite-15%, Shell-15%, Organics-05%; Fossils: Fossil Fragments, Plant Remains, Benthic Foraminifera

DD-21-BB

Sand; Yellowish Gray to Moderate Light Gray; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Calcarenite-20%, Shell-20%; Fossils: Fossil Fragments, Benthic Foraminifera

Beach Sample Location DD-22

DD-22

Sand; Yellowish Gray to Moderate Dark Gray; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Angular; Medium Sphericity; Unconsolidated; Accessory Minerals: Organics-25%, Calcarenite-15%, Shell-10%; Fossils: Fossil Fragments, Bryozoa, Plant Remains

Beach Sample Location DD-23

DD-23-SS

Sand; Yellowish Gray to Moderate Gray; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Angular; Medium Sphericity; Unconsolidated; Accessory Minerals: Calcarenite-20%, Shell-15%; Fossils: Fossil Fragments, Benthic Foraminifera

DD-23-BB

Sand; Yellowish Gray to Moderate Light Gray; Grain Size: Medium; Range: Fine to Very Coarse; Roundness: Angular to Sub-Angular; Medium Sphericity; Unconsolidated; Accessory Minerals: Calcarenite-20%, Shell-15%; Fossils: Fossil Fragments, Benthic Foraminifera, Plant Remains
