
BROWARD COUNTY

BEACH SAMPLE DESCRIPTIONS

Beach Samples BW-01-SS to BW-26-BB

Worked By: Michelle Ladle

Samples Described 04/01/09 through 04/09/09

Beach Sample Location BW-01

BW-01-SS

Shell Bed; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Quartz Sand-48%; Fossils: Fossil Fragments, Benthic Foraminifera; Forams include *Amphistegina sp.*

BW-01-MB

Sand; Yellowish Gray to Moderate Light Gray; Grain Size: Coarse; Range: Medium to Very Coarse; Roundness: Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-50%; Fossils: Fossil Fragments, Mollusks, Benthic Foraminifera; Forams include *Archais spp.*

BW-01-BB

Sand; Yellowish Gray to Moderate Gray; Grain Size: Coarse; Range: Fine to Very Coarse; Roundness: Angular to Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-50%; Fossils: Fossil Fragments, Benthic Foraminifera; Forams include *Archais spp.*

Beach Sample Location BW-02

BW-02

Sand; Very Light Orange to Dark Yellowish Brown; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-50%; Fossils: Fossil Fragments

Beach Sample Location BW-03

BW-03

Shell Bed; Very Light Orange to Dark Yellowish Brown; Unconsolidated; Accessory Minerals: Quartz Sand-40%; Fossils: Fossil Fragments, Benthic Foraminifera; Forams include *Archais spp.*

Beach Sample Location BW-04

BW-04-SS

Shell Bed; Very Light Orange to Moderate Light Gray; Unconsolidated; Accessory Minerals: Quartz Sand-40%; Other Features: Weathered; Fossils: Fossil Fragments, Benthic Foraminifera

BW-04-BB

Shell Bed; Very Light Orange to Grayish Brown; Unconsolidated; Accessory Minerals: Quartz Sand-45%; Fossils: Fossil Fragments, Bryozoa

Beach Sample Location BW-05

BW-05-SS

Shell Bed; Very Light Orange to Moderate Yellowish Brown; Unconsolidated; Accessory Minerals: Quartz Sand-40%; Fossils: Fossil Fragments, Bryozoa, Benthic Foraminifera; Forams include *Archais spp.*

BW-05-BB

Shell Bed; Very Light Orange to Grayish Brown; Unconsolidated; Accessory Minerals: Quartz Sand-40%; Fossils: Fossil Fragments, Mollusks, Benthic Foraminifera; Forams include *Archais spp.*

Beach Sample Location BW-06

BW-06-SS

Shell Bed; Very Light Orange to Grayish Brown; Unconsolidated; Accessory Minerals: Quartz Sand-35%; Fossils: Fossil Fragments, Miliolids

BW-06-BB

Shell Bed; Very Light Orange to Grayish Orange; Unconsolidated; Accessory Minerals: Quartz Sand-32%; Fossils: Fossil Fragments, Bryozoa

Beach Sample Location BW-07

BW-07-SS

Sand; Very Light Orange to Moderate Light Gray; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-50%; Fossils: Fossil Fragments, Benthic Foraminifera

BW-07-MB

Shell Bed; Very Light Orange to Moderate Gray; Unconsolidated; Accessory Minerals: Quartz Sand-45%; Fossils: Fossil Fragments

BW-07-BB

Calcarenite; White to Grayish Brown; Unconsolidated; Accessory Minerals: Quartz Sand-25%, Shell-15%, Calcilutite-02%; Fossils: Fossil Fragments, Mollusks, Bryozoa, Echinoids, Coral; Forams: *Archais, Hauerinidae*

Beach Sample Location BW-08

BW-08-SS

Shell Bed; Yellowish Gray to Grayish Orange; Unconsolidated; Accessory Minerals: Quartz Sand-45%; Fossils: Fossil Fragments, Bryozoa, Benthic Foraminifera; Forams include *Asterigerina sp.*

BW-08-MB

Shell Bed; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Quartz Sand-40%; Fossils: Fossil Fragments, Bryozoa, Benthic Foraminifera; Forams include *Archais spp. & Amphistegina sp.*

BW-08-BB

Sand; Very Light Orange to Light Gray; Grain Size: Medium; Range: Medium to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Calcarenite-30%, Shell-30%, Calcilutite-02%; Fossils: Fossil Fragments, Bryozoa, Coral, Echinoids, Benthic Foraminifera; Forams include *Archais spp.* & *Hauerinidae*

Beach Sample Location BW-09

BW-09-SS

Shell Bed; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Quartz Sand-40%; Fossils: Fossil Fragments, Benthic Foraminifera; Forams include *Archais spp.*

BW-09-MB

Sand; Yellowish Gray to Grayish Orange; Grain Size: Medium; Range: Medium to Coarse; Roundness: Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-48%; Fossils: Fossil Fragments

BW-09-BB

Sand; Yellowish Gray to Grayish Orange; Grain Size: Medium; Range: Medium to Coarse; Roundness: Angular to Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-30%, Calcarenite-20%; Fossils: Fossil Fragments, Benthic Foraminifera

Beach Sample Location BW-10

BW-10-SS

Shell Bed; Yellowish Gray to Grayish Orange; Unconsolidated; Accessory Minerals: Quartz Sand-45%; Fossils: Fossil Fragments, Benthic Foraminifera; Forams include *Archais spp.*

BW-10-MB

Shell Bed; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Quartz Sand-45%; Fossils: Fossil Fragments

BW-10-BB

Shell Bed; Yellowish Gray to Grayish Orange; Unconsolidated; Accessory Minerals: Quartz Sand-45%, Calcarenite-05%; Fossils: Fossil Fragments, Bryozoa, Benthic Foraminifera

Beach Sample Location BW-11

BW-11-SS

Sand; Yellowish Gray to Grayish Orange; Grain Size: Medium; Range: Medium to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-50%; Fossils: Fossil Fragments

BW-11-BB

Shell Bed; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Quartz Sand-45%; Fossils: Fossil Fragments, Benthic Foraminifera; Forams include *Elphidium sp.*

Beach Sample Location BW-12

BW-12-SS

Shell Bed; Yellowish Gray to Dark Yellowish Orange; Unconsolidated; Accessory Minerals: Quartz Sand-40%; Fossils: Fossil Fragments, Bryozoa, Benthic Foraminifera

BW-12-BB

Sand; Yellowish Gray to Grayish Orange; Grain Size: Medium; Range: Medium to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-45%, Calcarenite-03%; Fossils: Fossil Fragments, Benthic Foraminifera; Forams include *Elphidium sp.*

Beach Sample Location BW-13

BW-13-SS

Sand; Yellowish Gray to Grayish Orange; Grain Size: Medium; Range: Very Fine to Very Coarse; Roundness: Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-48%, Heavy Minerals-<1%; Fossils: Fossil Fragments, Benthic Foraminifera; Forams include *Amphistegina sp.* & *Asterigerina sp.*; Heavies Imbedded in Quartz Sand Grains

BW-13-BB

Sand; Yellowish Gray to Grayish Orange; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-45%; Fossils: Fossil Fragments, Benthic Foraminifera; Forams include *Amphistegina sp.* & *Hauerinidae*

Beach Sample Location BW-14

BW-14-SS

Shell Bed; Yellowish Gray to Light Brown; Unconsolidated; Accessory Minerals: Quartz Sand-40%; Fossils: Fossil Fragments, Echinoids, Benthic Foraminifera; Forams include *Archais spp.* & *Quinqueloculina spp.*

BW-14-MB

Sand; Very Light Orange to Grayish Brown; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-40%, Calcarenite-03%; Fossils: Fossil Fragments, Benthic Foraminifera; Forams include *Archais spp.*

BW-14-BB

Sand; Very Light Orange to Grayish Brown; Grain Size: Medium; Range: Very Fine to Very Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-40%, Calcarenite-05%; Fossils: Fossil Fragments, Mollusks, Bryozoa, Benthic Foraminifera; Forams include *Archais spp.*, *Amphistegina sp.*, & *Hauerinidae*

Beach Sample Location BW-15

BW-15-SS

Shell Bed; Yellowish Gray to Grayish Brown; Unconsolidated; Accessory Minerals: Quartz Sand-40%; Fossils: Fossil Fragments, Benthic Foraminifera; Forams include *Archais spp.*

BW-15-BB

Sand; Yellowish Gray to Grayish Brown; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-50%; Fossils: Fossil Fragments

Beach Sample Location BW-16

BW-16-SS

Shell Bed; Light Yellowish Orange to Moderate Gray; Unconsolidated; Accessory Minerals: Quartz Sand-20%; Fossils: Fossil Fragments, Benthic Foraminifera; Forams include *Archais spp.*

BW-16-MB

Shell Bed; Very Light Orange to Moderate Gray; Unconsolidated; Accessory Minerals: Quartz Sand-40%; Fossils: Fossil Fragments, Mollusks, Echinoids, Benthic Foraminifera; Forams include *Archais spp.* & *Hauerinidae*

BW-16-BB

Shell Bed; Grayish Brown to Moderate Gray; Unconsolidated; Accessory Minerals: Quartz Sand-40%, Calcilutite-02%; Fossils: Fossil Fragments, Benthic Foraminifera; Forams include *Archais spp.*

Beach Sample Location BW-17

BW-17-SS

Shell Bed; Very Light Orange to Grayish Brown; Unconsolidated; Accessory Minerals: Quartz Sand-35%; Fossils: Fossil Fragments, Echinoids, Bryozoa, Benthic Foraminifera; Forams include *Archais spp.* & *Amphistegina sp.*

BW-17-MB

Shell Bed; Very Light Orange to Grayish Brown; Unconsolidated; Accessory Minerals: Quartz Sand-38%; Fossils: Fossil Fragments, Mollusks, Bryozoa, Benthic Foraminifera; Forams include *Archais spp.*, *Amphistegina sp.* & *Elphidium sp.*

BW-17-BB

Shell Bed; Very Light Orange to Grayish Orange; Unconsolidated; Accessory Minerals: Quartz Sand-30%, Calcarenite-15%; Fossils: Fossil Fragments, Echinoids, Benthic Foraminifera; Forams include *Archais spp.* & *Hauerinidae*

Beach Sample Location BW-18

BW-18-SS

Sand; Yellowish Gray to Moderate Dark Gray; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-48%, Heavy Minerals-03%; Fossils: Fossil Fragments, Mollusks, Coral, Echinoids, Benthic Foraminifera; Forams include *Archais spp.* & *Amphistegina sp.*

BW-18-MB

Sand; Yellowish Gray to Moderate Gray; Unconsolidated; Accessory Minerals: Quartz Sand-45%, Calcilutite-<1%; Fossils: Fossil Fragments, Mollusks, Coral, Echinoids, Benthic Foraminifera; Forams include *Archais spp.* & *Hauerinidae*

BW-18-BB

Shell Bed; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Quartz Sand-40%, Calcarenite-05%; Calcilutite-01%; Fossils: Fossil Fragments, Mollusks, Echinoids, Benthic Foraminifera; Forams include *Archais spp.* & *Amphistegina sp.*

Beach Sample Location BW-19

BW-19

Shell Bed; Yellowish Gray to Moderate Dark Gray; Unconsolidated; Accessory Minerals: Quartz Sand-45%, Heavy Minerals-02%; Fossils: Fossil Fragments, Mollusks, Echinoids, Benthic Foraminifera

Beach Sample Location BW-20

BW-20

Sand; Yellowish Gray to Moderate Dark Gray; Unconsolidated; Accessory Minerals: Quartz Sand-45%, Heavy Minerals-02%; Fossils: Fossil Fragments, Echinoids, Benthic Foraminifera

Beach Sample Location BW-21

BW-21-SS

Shell Bed; Yellowish Gray to Moderate Gray; Unconsolidated; Accessory Minerals: Quartz Sand-45%, Calcarenite-15%, Heavy Minerals-02%; Fossils: Fossil Fragments, Echinoids, Benthic Foraminifera

BW-21-MB

Shell Bed; Yellowish Gray to Moderate Gray; Unconsolidated; Accessory Minerals: Quartz Sand-40%, Calcarenite-15%, Heavy Minerals-01%, Organics-<1%; Fossils: Fossil Fragments, Benthic Foraminifera

BW-21-BB

Sand; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Quartz Sand-30%, Calcarenite-20%, Calcilutite-02%; Fossils: Fossil Fragments, Mollusks, Bryozoa, Echinoids, Benthic Foraminifera, Oolites, Hydrozoa; Forams include *Archais spp.* & *Hauerinidae*

Beach Sample Location BW-22

BW-22-SS

Shell Bed; Yellowish Gray to Moderate Gray; Unconsolidated; Accessory Minerals: Quartz Sand-35%, Calcarenite-20%; Fossils: Fossil Fragments, Echinoids, Benthic Foraminifera

BW-22-BB

Shell Bed; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Quartz Sand-30%, Calcarenite-15%, Calcilutite-02%; Fossils: Fossil Fragments, Mollusks, Echinoids, Benthic Foraminifera

Beach Sample Location BW-23

BW-23-SS

Shell Bed; Yellowish Gray to Moderate Gray; Unconsolidated; Accessory Minerals: Quartz Sand-25%, Calcarenite-15%; Fossils: Fossil Fragments, Benthic Foraminifera; Forams include *Archais* spp., *Amphistegina* sp., & *Hauerinidae*

BW-23-BB

Shell Bed; Very Light Orange to Moderate Light Gray; Unconsolidated; Accessory Minerals: Quartz Sand-25%, Calcarenite-20%, Calcilutite-03%; Fossils: Fossil Fragments, Mollusks, Echinoids, Bryozoa, Benthic Foraminifera

Beach Sample Location BW-24

BW-24-SS

Shell Bed; Yellowish Gray to Moderate Dark Gray; Unconsolidated; Accessory Minerals: Quartz Sand-25%, Calcarenite-15%; Fossils: Fossil Fragments, Mollusks, Echinoids, Bryozoa, Benthic Foraminifera; Forams include *Archais* spp., *Amphistegina* sp., & *Hauerinidae*

BW-24-BB

Shell Bed; Yellowish Gray to Moderate Gray; Unconsolidated; Accessory Minerals: Calcarenite-25%, Quartz Sand-15%, Calcilutite-01%; Fossils: Fossil Fragments, Mollusks, Echinoids, Bryozoa, Benthic Foraminifera

Beach Sample Location BW-25

BW-25

Shell Bed; Yellowish Gray to Moderate Dark Gray; Unconsolidated; Accessory Minerals: Quartz Sand-35%, Calcarenite-20%, Calcilutite-<1%; Fossils: Fossil Fragments, Mollusks, Echinoids, Benthic Foraminifera

Beach Sample Location BW-26

BW-26

Shell Bed; Yellowish Gray to Moderate Gray; Unconsolidated; Accessory Minerals: Quartz Sand-35%, Calcarenite-20%, Calcilutite-01%, Heavy Minerals-01%; Fossils: Fossil Fragments, Echinoids, Bryozoa, Benthic Foraminifera
