
MARTIN COUNTY

BEACH SAMPLE DESCRIPTIONS

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

Worked By: Michelle Ladle

Samples Described 02/17/09 through 02/28/09

Beach Sample Location MT-01

MT-01-SS

Sand; Very Light Orange to Grayish Brown; Grain Size: Medium; Range: Very Fine to Coarse; Roundness: Angular to Sub-Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-40%; Fossils: Fossil Fragments, Mollusks, Miliolids

MT-01-BB

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

Beach Sample Location MT-02

MT-02-SS

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

MT-02-BB

Shell Bed; Very Light Orange to Moderate Light Gray; Unconsolidated; Accessory Minerals: Quartz Sand-48%; Fossils: Fossil Fragments

Beach Sample Location MT-04

MT-03-SS

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

MT-03-BB

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

Beach Sample Location MT-04

MT-04-SS

Shell Bed; Yellowish Gray to Moderate Gray; Unconsolidated; Accessory Minerals: Quartz Sand-20%; Fossils: Fossil Fragments, Mollusks, Barnacles

MT-04-BB

Shell Bed; Grayish Orange to Moderate Gray; Unconsolidated; Accessory Minerals: Quartz Sand-15%; Fossils: Fossil Fragments, Mollusks, Barnacles, Bryozoa

Beach Sample Location MT-05

MT-05-SS

Shell Bed; Very Light Orange to Moderate Gray; Unconsolidated; Accessory Minerals: Quartz Sand-05%; Fossils: Fossil Fragments, Mollusks, Barnacles, Bryozoa, Echinoids; Multiple Bryozoans

MT-05-MB

Shell Bed; Yellowish Gray to Moderate Gray; Unconsolidated; Accessory Minerals: Quartz Sand-40%; Fossils: Fossil Fragments, Mollusks, Barnacles, Miliolids; Shell Fragments Appear to be Remineralized

MT-05-BB

Shell Bed; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Quartz Sand-30%; Fossils: Fossil Fragments, Mollusks, Bryozoa, Miliolids; Shell Fragments Appear to be Remineralized

Beach Sample Location MT-06

MT-06

Sand; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Quartz Sand-15%, Heavy Minerals-01%; Fossils: Fossil Fragments, Mollusks, Barnacles, Bryozoa

Beach Sample Location MT-07

MT-07

Sand; Yellowish Gray to Moderate Light Gray; Unconsolidated; Accessory Minerals: Quartz Sand-20%; Fossils: Fossil Fragments, Mollusks, Barnacles, Miliolids

Beach Sample Location MT-08

MT-08

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

MT-09-SS

Sand; Very Light Orange to Grayish Brown; Grain Size: Medium; Range: Very Fine to Coarse; Roundness: Angular to Sub-Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-40%; Fossils: Fossil Fragments, Miliolids

MT-09-BB

Sand; Very Light Orange to Grayish Brown; Grain Size: Medium; Range: Very Fine to Coarse; Roundness: Angular to Sub-Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-45%; Other Features: Weathered; Fossils: Fossil Fragments, Bryozoa, Miliolids

Beach Sample Location MT-10

MT-10

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

Beach Sample Location MT-11

MT-11

Sand; Very Light Orange to Grayish Brown; Grain Size: Medium; Range: Very Fine to Coarse; Roundness: Angular to Sub-Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-45%; Other Features: Weathered; Fossils: Fossil Fragments, Mollusks

Beach Sample Location MT-12

MT-12

Sand; Very Light Orange to Grayish Brown; Grain Size: Medium; Range: Very Fine to Coarse; Roundness: Angular to Sub-Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-48%; Fossils: Fossil Fragments, Mollusks

Beach Sample Location MT-13

MT-13-SS

Sand; Very Light Orange to Moderate Light Gray; Grain Size: Medium; Range: Very Fine to Very Coarse; Roundness: Angular to Sub-Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-45%; Fossils: Fossil Fragments, Mollusks, Miliolids

MT-13-BB

Sand; Very Light Orange to Light Gray; Grain Size: Medium; Range: Very Fine to Coarse; Roundness: Angular to Sub-Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-35%; Fossils: Fossil Fragments

Beach Sample Location MT-14

MT-14-SS

Sand; Very Light Orange to Light Gray; Grain Size: Medium; Range: Very Fine to Coarse; Roundness: Angular to Sub-Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-40%; Fossils: Fossil Fragments, Miliolids

MT-14-BB

Shell Bed; Very Light Orange to Grayish Brown; Unconsolidated; Accessory Minerals: Quartz Sand-30%; Fossils: Fossil Fragments, Barnacles, Miliolids

Beach Sample Location MT-15

MT-15-SS

Sand; Very Light Orange to Grayish Brown; Grain Size: Medium; Range: Very Fine to Coarse; Roundness: Angular to Sub-Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-40%; Fossils: Fossil Fragments, Mollusks, Miliolids

MT-15-BB

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

Beach Sample Location MT-16

MT-16-SS

Shell Bed; Yellowish Gray to Olive Gray; Unconsolidated; Accessory Minerals: Quartz Sand-30%; Fossils: Fossil Fragments, Mollusks, Barnacles, Benthic Foraminifera

MT-16-BB

Shell Bed; Very Light Orange to Moderate Gray; Unconsolidated; Accessory Minerals: Quartz Sand-35%; Fossils: Fossil Fragments, Mollusks, Barnacles, Miliolids; Forams include *Triloculina spp.*

Beach Sample Location MT-17

MT-17

Shell Bed; Yellowish Gray to Moderate Dark Gray; Unconsolidated; Accessory Minerals: Quartz Sand-40%; Other Features: Weathered; Fossils: Fossil Fragments, Bryozoa, Miliolids

Beach Sample Location MT-18

MT-18-SS

Shell Bed; Very Light Orange to Moderate Dark Gray; Unconsolidated; Accessory Minerals: Quartz Sand-35%; Other Features: Weathered; Fossils: Fossil Fragments, Miliolids; Majority of Shell Frags are Well-Rounded

MT-18-BB

Shell Bed; Very Light Orange to Moderate Dark Gray; Unconsolidated; Accessory Minerals: Quartz Sand-25%, Calcilitite-01%; Other Features: Weathered; Fossils: Fossil Fragments, Mollusks, Barnacles, Bryozoa, Miliolids

Beach Sample Location MT-19

MT-19

Shell Bed; Yellowish Gray to Moderate Dark Gray; Unconsolidated; Accessory Minerals: Quartz Sand-30%; Fossils: Fossil Fragments, Mollusks, Barnacles, Bryozoa, Benthic Foraminifera

Beach Sample Location MT-20

MT-20

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

Beach Sample Location MT-21

MT-21

Shell Bed; Yellowish Gray to Moderate Dark Gray; Unconsolidated; Accessory Minerals: Quartz Sand-30%; Fossils: Fossil Fragments, Mollusks, Barnacles, Bryozoa

Beach Sample Location MT-22

MT-22-SS

Shell Bed; Yellowish Gray to Dark Gray; Unconsolidated; Accessory Minerals: Quartz Sand-25%; Other Features: Weathered; Fossils: Fossil Fragments, Mollusks, Bryozoa, Benthic Foraminifera; Archais spp.; Shell Fragments Well-Rounded

MT-22-BB

Shell Bed; Yellowish Gray to Moderate Dark Gray; Unconsolidated; Accessory Minerals: Quartz Sand-35%; Fossils: Fossil Fragments, Mollusks, Barnacles, Bryozoa, Benthic Foraminifera; Archais spp.

Beach Sample Location MT-23

MT-23-SS

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

MT-23-BB

Shell Bed; Yellowish Gray to Moderate Dark Gray; Unconsolidated; Accessory Minerals: Quartz Sand-30%; Other Features: Weathered; Fossils: Fossil Fragments, Mollusks, Bryozoa, Benthic Foraminifera

Beach Sample Location MT-24

MT-24-SS

Shell Bed; Yellowish Gray to Moderate Dark Gray; Unconsolidated; Accessory Minerals: Quartz Sand-30%; Other Features: Weathered; Fossils: Fossil Fragments, Mollusks, Bryozoa, Benthic Foraminifera

MT-24-MB

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

MT-24-BB

Shell Bed; Yellowish Gray to Moderate Dark Gray; Unconsolidated; Accessory Minerals: Quartz Sand-25%; Other Features: Weathered; Fossils: Fossil Fragments, Mollusks, Barnacles, Bryozoa, Benthic Foraminifera; Forams include Triloculina spp. and Archais spp.

Beach Sample Location MT-25

MT-25-SS

Shell Bed; Yellowish Gray to Moderate Dark Gray; Unconsolidated; Accessory Minerals: Quartz Sand-08%; Fossils: Fossil Fragments, Mollusks, Planktonic Foraminifera, Bryozoa, Benthic Foraminifera

MT-25-BB

Shell Bed; Yellowish Gray to Moderate Dark Gray; Unconsolidated; Accessory Minerals: Quartz Sand-30%; Other Features: Weathered; Fossils: Fossil Fragments, Bryozoa; Shell Fragments Well-Rounded

Beach Sample Location MT-26

MT-26-SS

Shell Bed; Yellowish Gray to Moderate Dark Gray; Unconsolidated; Accessory Minerals: Quartz Sand-25%; Other Features: Weathered; Fossils: Fossil Fragments, Bryozoa, Benthic Foraminifera; Forams include Archais spp., Triloculina spp., and Eponides sp.

MT-26-BB

Shell Bed; Yellowish Gray to Moderate Dark Gray; Unconsolidated; Accessory Minerals: Quartz Sand-05%; Fossils: Fossil Fragments, Mollusks, Barnacles, Bryozoa, Benthic Foraminifera; Forams include Archais spp.
