
NASSAU COUNTY

BEACH SAMPLE DESCRIPTIONS

Beach Samples NA-01-SS through NA-22-BB

Worked By: Cindy Fischler on March 2003

Reviewed and Edited by Michelle Ladle on May 2009

Beach Sample Location NA-01

NA-01-SS

Sand; Yellowish Gray; Grain Size: Fine; Range: Fine to Very Coarse; Roundness: Sub-Angular to Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-03%, Shell-12%; Fossils: Mollusks

NA-01-B

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Coarse; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-04%, Shell-03%; Fossils: Mollusks

NA-01-MB

Sand; Yellowish Gray to Grayish Orange; Grain Size: Fine; Range: Fine to Granule; Roundness: Sub-Angular to Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-02%, Shell-30%; Fossils: Mollusks, Barnacles

NA-01-BB

Sand; Yellowish Gray; Grain Size: Fine; Range: Very Fine to Coarse; Roundness: Sub-Angular to Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-03%, Shell-03%; Fossils: Mollusks

Beach Sample Location NA-02

NA-02-SS

Sand; Yellowish Gray; Grain Size: Fine; Range: Fine to Medium; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-05%, Shell-02%

NA-02-MB

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Coarse; Roundness: Sub-Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-01%, Shell-08%; Fossils: Mollusks, Barnacles

NA-02-BB

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Coarse; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-04%, Shell-03%

Beach Sample Location NA-03

NA-03-SS

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Very Coarse; Roundness: Sub-Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-01%, Shell-05%; Fossils: Mollusks

NA-03-MB

Sand; Yellowish Gray; Grain Size: Fine; Range: Fine to Granule; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-07%, Shell-05%; Fossils: Mollusks, Barnacles

NA-03-BB

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Very Coarse; Roundness: Sub-Angular to Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-04%, Shell-10%; Fossils: Mollusks

Beach Sample Location NA-04

NA-04-SS

Sand; Yellowish Gray to Grayish Orange; Grain Size: Coarse; Range: Fine to Granule; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-02%, Shell-30%; Fossils: Mollusks, Bryozoa, Barnacles; Phosphatized Shell Fragments (Reworked?)

NA-04-MB

Sand; Yellowish Gray; 40% Porosity: Intergranular, Possibly High Permeability; Grain Size: Coarse; Range: Fine to Very Coarse; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-<1%, Shell-25%; Fossils: Mollusks

NA-04-BB

Sand; Yellowish Gray; Grain Size: Fine; Range: Fine to Granule; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-07%, Shell-10%

Beach Sample Location NA-05

NA-05-SS

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Coarse; Roundness: Sub-Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-04%, Shell-05%; Fossils: Mollusks

NA-05-MB

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Granule; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-<1%, Shell-10%; Fossils: Mollusks

NA-05-BB

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Coarse; Medium Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-03%, Shell-03%; Fossils: Mollusks

Beach Sample Location NA-06

NA-06-SS

Sand; Yellowish Gray to Grayish Orange; Grain Size: Fine; Range: Fine to Very Coarse; Roundness: Sub-Angular to Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-<1%, Shell-30%; Fossils: Mollusks, Barnacles, Gastropods

NA-06-MB

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Very Coarse; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-06%, Shell-03%; Fossils: Mollusks;

NA-06-BB

Sand; Yellowish Gray; Grain Size: Fine; Range: Fine to Very Coarse; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-07%, Shell-05%; Plant Remains-<1%; Fossils: Mollusks

Beach Sample Location NA-07

NA-07-SS

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Coarse; Roundness: Sub-Angular to Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-05%, Shell-03%

NA-07-MB

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Very Coarse; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-03%, Shell-05%; Fossils: Mollusks

NA-07-BB

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Very Coarse; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-02%, Shell-10%; Fossils: Mollusks

Beach Sample Location NA-08

NA-08-SS

Sand; Yellowish Gray; Grain Size: Fine; Range: Very Fine to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-05%, Heavy Minerals-01%; Fossils: Mollusks

NA-08-MB

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Coarse; Roundness: Sub-Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-03%, Heavy Minerals-05%; Fossils: Mollusks

NA-08-BB

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Coarse; Roundness: Sub-Rounded to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-04%, Heavy Minerals-05%; Fossils: Mollusks

Beach Sample Location NA-09

NA-09-SS

Sand; Yellowish Gray; Grain Size: Fine; Range: Very Fine to Medium; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-02%, Shell-02%; Trace of Shell Material

NA-09-B

Sand; Yellowish Gray; Grain Size: Fine; Range: Very Fine to Medium; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-02%, Heavy Minerals-04%; Fossils: Mollusks; Clam Shells

NA-09-MB

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Very Coarse; Roundness: Sub-Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-05%, Heavy Minerals-04%; Fossils: Mollusks

NA-09-BB

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Very Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-05%, Heavy Minerals-03%; Fossils: Mollusks

Beach Sample Location NA-10

NA-10-SS

Sand; Yellowish Gray; Grain Size: Fine; Range: Fine to Very Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-03%, Heavy Minerals-01%; Fossils: Mollusks; Trace of Mica

NA-10-B

Sand; Yellowish Gray; Grain Size: Fine; Range: Fine to Coarse; Roundness: Sub-Angular to Sub-Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-02%, Heavy Minerals-04%

NA-10-MB

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Coarse; Roundness: Sub-Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-03%, Heavy Minerals-02%

NA-10-BB

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Coarse; Roundness: Sub-Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-04%, Heavy Minerals-03%; Fossils: Mollusks

Beach Sample Location NA-11

NA-11-SS

Sand; Yellowish Gray to Grayish Orange; Grain Size: Medium; Range: Fine to Very Coarse; Roundness: Sub-Angular to Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-20%, Heavy Minerals-02%; Fossils: Mollusks

NA-11-B

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Coarse; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-10%, Heavy Minerals-02%; Fossils: Mollusks

NA-11-MB

Sand; Yellowish Gray to Grayish Orange; Grain Size: Medium; Range: Fine to Very Coarse; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-20%, Heavy Minerals-01%; Fossils: Mollusks

NA-11-BB

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Coarse; Roundness: Sub-Angular to Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-03%, Heavy Minerals-01%; Fossils: Mollusks

Beach Sample Location NA-12

NA-12-SS

Sand; Yellowish Gray; Grain Size: Fine; Range: Fine to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-04%, Shell-02%; Trace of Shell Material

NA-12-B

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Very Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-10%, Heavy Minerals-02%; Fossils: Mollusks

NA-12-MB

Sand; Yellowish Gray to Light Olive Gray; Grain Size: Fine; Range: Very Fine to Very Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Silt-02%, Shell-15%; Heavy Minerals-05%; Percent Silt Includes Silt and Clay; Trace of Mica

NA-12-BB

Sand; Yellowish Gray to Grayish Brown; Grain Size: Medium; Range: Fine to Coarse; Roundness: Sub-Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-25%, Heavy Minerals-<1%; Fossils: Mollusks, Barnacles

Beach Sample Location NA-13

NA-13-SS

Sand; Yellowish Gray; Grain Size: Fine; Range: Very Fine to Medium; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-04%, Shell-01%; Trace of Shell Material

NA-13-B

Sand; Yellowish Gray to Moderate Light Gray; Grain Size: Fine; Range: Very Fine to Very Coarse; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-35%, Heavy Minerals-01%; Fossils: Mollusks

NA-13-MB

Sand; Yellowish Gray to Moderate Light Gray; Grain Size: Fine; Range: Very Fine to Very Coarse; Roundness: Sub-Angular to Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-30%, Heavy Minerals-01%; Fossils: Mollusks, Barnacles, Echinoids

NA-13-BB

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-08%, Heavy Minerals-03%; Fossils: Mollusks

Beach Sample Location NA-14

NA-14-SS

Sand; Yellowish Gray to Light Gray; Grain Size: Medium; Range: Fine to Very Coarse; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-15%, Heavy Minerals-02%; Fossils: Mollusks, Barnacles

NA-14-B

Sand; Yellowish Gray; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-08%, Heavy Minerals-02%; Fossils: Mollusks

NA-14-MB

Sand; Yellowish Gray to Moderate Light Gray; Grain Size: Medium; Range: Very Fine to Granule; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-35%, Heavy Minerals-<1%; Fossils: Mollusks, Barnacles

NA-14-BB

Sand; Very Light Orange; Grain Size: Fine; Range: Very Fine to Medium; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Heavy Minerals-02%; Trace of Shell Material
