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## FLAGLER COUNTY

### BEACH SAMPLE DESCRIPTIONS

Onshore Grab Samples FG-01-SS through FG-20-BB

Worked By: Michelle Ladle on March 2005

Reviewed and Edited by Michelle Ladle on May 2009

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#### Beach Sample Location FG-01

##### **FG-01-SS**

Sand; Very Light Gray to Grayish Orange; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-40%, Heavy Minerals-01%; Fossils: Fossil Fragments

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##### **FG-01-BB**

Sand; Very Light Gray to Grayish Orange; Grain Size: Medium; Range: Medium to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-40%, Limonite-01%, Heavy Minerals-01%; Fossils: Fossil Fragments, Plant Remains, Spicules

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#### Beach Sample Location FG-02

##### **FG-02-SS**

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

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##### **FG-02-BB**

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

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#### Beach Sample Location FG-03

##### **FG-03-SS**

Shell Bed; Yellowish Gray to Dark Yellowish Orange; Unconsolidated; Accessory Minerals: Quartz Sand-25%, Calcite-<1%, Heavy Minerals-<1%; Fossils: Fossil Fragments, Mollusks; Sand Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Rounded; Low Sphericity

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##### **FG-03-MB**

Shell Bed; Very Light Orange to Dark Yellowish Orange; Unconsolidated; Accessory Minerals: Quartz Sand-15%, Heavy Minerals-<1%; Fossils: Fossil Fragments, Mollusks; Presents of Small Insect

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##### **FG-03-BB**

Sand; Very Light Gray to Grayish Orange; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-40%, Heavy Minerals-01%; Fossils: Fossil Fragments, Plant Remains

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#### Beach Sample Location FG-04

##### **FG-04-SS**

Sand; Light Yellowish Orange to Grayish Orange; Unconsolidated; Accessory Minerals: Shell-01%; Fossils: Fossil Fragments, Mollusks

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##### **FG-04-BB**

Shell Bed; Light Yellowish Orange to Grayish Orange; Unconsolidated; Accessory Minerals: Quartz Sand-25%; Fossils: Fossil Fragments; Sand Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Rounded; Low Sphericity

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#### Beach Sample Location FG-05

##### **FG-05-SS**

Sand; Very Light Gray to Light Yellowish Orange; Grain Size: Medium; Range: Fine to Very Coarse; Roundness: Angular to Sub-Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-45%, Heavy Minerals-02%; Fossils: Fossil Fragments, Plant Remains

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##### **FG-05-BB**

Sand; Very Light Gray to Light Yellowish Orange; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-20%, Heavy Minerals-01%; Fossils: Fossil Fragments, Plant Remains

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#### Beach Sample Location FG-06

##### **FG-06-SS**

Sand; Very Light Gray to Light Yellowish Orange; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-30%, Heavy Minerals-01%; Fossils: Fossil Fragments

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##### **FG-06-BB**

Sand; Very Light Gray to Light Yellowish Orange; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-30%, Heavy Minerals-<1%, Organics-02%; Fossils: Fossil Fragments, Plant Remains

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#### Beach Sample Location FG-07

##### **FG-07-SS**

Sand; Very Light Gray to Light Yellowish Orange; Grain Size: Medium; Range: Fine to Very Coarse; Roundness: Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-48%, Heavy Minerals-<1%; Fossils: Fossil Fragments

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##### **FG-07-BB**

Sand; Grayish Brown to Dark Yellowish Orange; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-20%, Heavy Minerals-02%, Organics-05%; Fossils: Fossil Fragments, Plant Remains

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**Beach Sample Location FG-08**

**FG-08-SS**

Sand; Light Gray to Dark Yellowish Orange; Grain Size: Medium; Range: Fine to Very Coarse; Roundness: Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-30%, Heavy Minerals-03%, Organics-02%; Fossils: Fossil Fragments, Plant Remains

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**FG-08-BB**

Shell Bed; Very Light Gray to Dark Yellowish Orange; Unconsolidated; Accessory Minerals: Quartz Sand-45%, Heavy Minerals-<1%; Fossils: Fossil Fragments

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**Beach Sample Location FG-09**

**FG-09-SS**

Shell Bed; Very Light Orange to Dark Yellowish Orange; Unconsolidated; Accessory Minerals: Quartz Sand-30%, Heavy Minerals-<1%; Fossils: Fossil Fragments; Sand Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity

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**FG-09-BB**

Sand; Very Light Gray to Grayish Orange; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-40%, Heavy Minerals-<1%, Organics-02%; Fossils: Fossil Fragments, Plant Remains

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**Beach Sample Location FG-10**

**FG-10-SS**

Sand; Very Light Orange to Dark Yellowish Orange; Unconsolidated; Accessory Minerals: Quartz Sand-15%, Heavy Minerals-<1%; Fossils: Fossil Fragments; Sand Range: Fine to Coarse; Roundness: Angular to Sub-Rounded

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**FG-10-BB**

Sand; Very Light Gray to Grayish Orange; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-40%, Organics-02%; Fossils: Fossil Fragments, Plant Remains

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**Beach Sample Location FG-11**

**FG-11-SS**

Shell Bed; Grayish Orange to Moderate Yellowish Brown; Unconsolidated; Accessory Minerals: Quartz Sand-15%, Heavy Minerals-<1%; Fossils: Fossil Fragments; Sand Range: Fine to Very Coarse; Roundness: Angular to Sub-Angular

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**FG-11-BB**

Shell Bed; Very Light Gray to Grayish Orange; Unconsolidated; Accessory Minerals: Quartz Sand-45%, Heavy Minerals-<1%, Organics-02%; Fossils: Fossil Fragments, Plant Remains

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**Beach Sample Location FG-12**

**FG-12-SS**

Shell Bed; Very Light Orange to Light Brown; Unconsolidated; Accessory Minerals: Quartz Sand-40%, Heavy Minerals-<1%; Fossils: Fossil Fragments

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**FG-12-BB**

Sand; Very Light Gray to Dark Yellowish Orange; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-45%, Organics-02%; Fossils: Fossil Fragments, Plant Remains

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**Beach Sample Location FG-13**

**FG-13-SS**

Sand; Very Light Gray to Grayish Orange; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-45%, Heavy Minerals-01%; Fossils: Fossil Fragments

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**FG-13-BB**

Sand; Very Light Gray to Grayish Brown; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Angular; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-20%, Organics-01%, Heavy Minerals-01%; Fossils: Fossil Fragments, Plant Remains

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**Beach Sample Location FG-14**

**FG-14-SS**

Sand; Very Light Gray to Dark Yellowish Orange; Grain Size: Medium; Range: Fine to Very Coarse; Roundness: Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-40%, Heavy Minerals-01%; Fossils: Fossil Fragments

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**FG-14-BB**

Sand; Very Light Gray to Grayish Orange; Grain Size: Medium; Range: Fine to Very Coarse; Roundness: Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-25%, Heavy Minerals-02%; Fossils: Fossil Fragments

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**Beach Sample Location FG-15**

**FG-15-SS**

Sand; Very Light Orange to Dark Yellowish Orange; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-30%, Heavy Minerals-02%; Fossils: Fossil Fragments

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**FG-15-BB**

Sand; Very Light Gray to Dark Yellowish Orange; Grain Size: Medium; Range: Fine to Very Coarse; Roundness: Angular to Sub-Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-35%, Heavy Minerals-01%; Fossils: Fossil Fragments

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**Beach Sample Location FG-16**

**FG-16-SS**

Sand; Very Light Gray to Grayish Orange; Grain Size: Medium; Range: Fine to Medium; Roundness: Angular to Sub-Rounded; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-25%, Heavy Minerals-03%; Fossils: Fossil Fragments; Well-Sorted Sand

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**FG-16-BB**

Sand; Very Light Gray to Dark Yellowish Orange; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-35%, Heavy Minerals-02%; Fossils: Fossil Fragments

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**Beach Sample Location FG-17**

**FG-17-SS**

Sand; Very Light Gray to Dark Yellowish Orange; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-35%, Heavy Minerals-03%; Fossils: Fossil Fragments

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**FG-17-BB**

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

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**Beach Sample Location FG-18**

**FG-18-SS**

Shell Bed; Very Light Orange to Moderate Yellowish Brown; Unconsolidated; Accessory Minerals: Quartz Sand-40%; Fossils: Fossil Fragments

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**FG-18-BB**

Sand; Very Light Gray to Dark Yellowish Orange; Grain Size: Medium; Range: Fine to Very Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-30%, Organics-10%; Fossils: Fossil Fragments, Plant Remains

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**Beach Sample Location FG-19**

**FG-19-SS**

Sand; Very Light Gray to Very Light Orange; Grain Size: Medium; Range: Fine to Medium; Roundness: Angular to Sub-Angular; High Sphericity; Unconsolidated; Accessory Minerals: Shell-15%, Heavy Minerals-03%; Fossils: Fossil Fragments; Well-Sorted Quartz Sand

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**FG-19-BB**

Sand; Very Light Gray to Grayish Orange; Grain Size: Medium; Range: Fine to Very Coarse; Roundness: Angular to Rounded; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-20%, Heavy Minerals-03%, Organics-03%; Fossils: Fossil Fragments, Plant Remains

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**Beach Sample Location FG-20**

**FG-20-SS**

Sand; Very Light Gray to Dark Yellowish Orange; Grain Size: Medium; Range: Fine to Coarse; Roundness: Angular to Sub-Angular; Low Sphericity; Unconsolidated; Accessory Minerals: Shell-48%, Heavy Minerals-02%; Fossils: Fossil Fragments; Quartz Sand Range: Fine to Granule

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**FG-20-BB**

Sand; Very Light Gray to Very Light Orange; Grain Size: Medium; Range: Fine to Medium; Roundness: Angular to Sub-Angular; Medium Sphericity; Unconsolidated; Accessory Minerals: Shell-05%, Heavy Minerals-02%; Fossils: Fossil Fragments

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