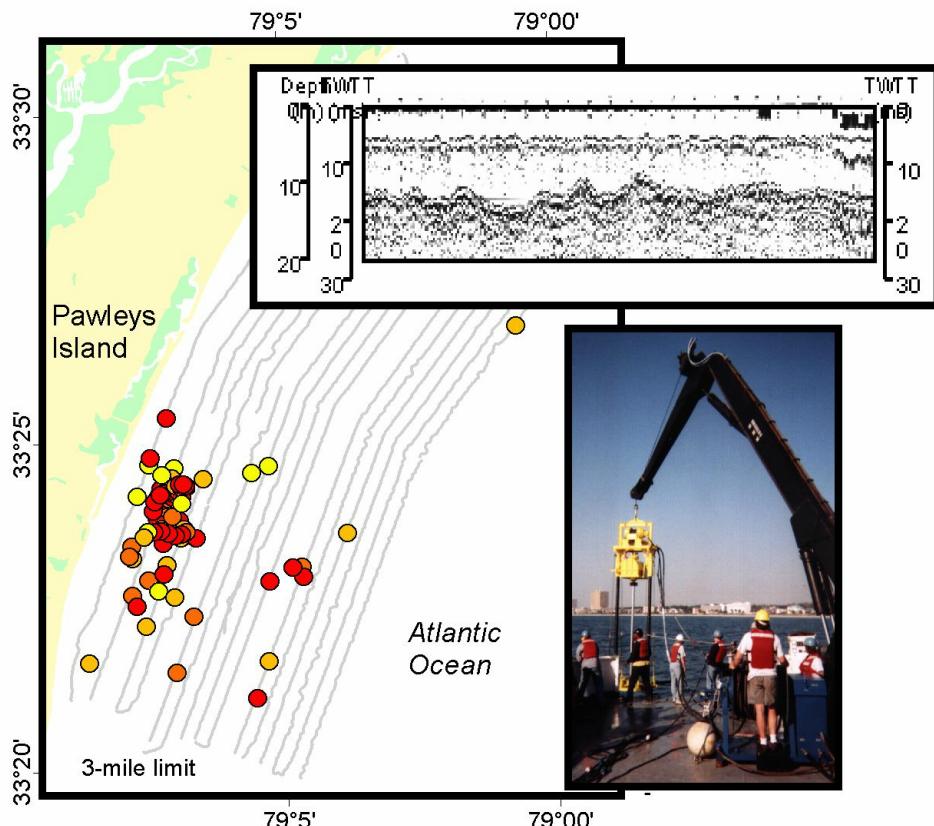


Final Report

**ASSESSMENT OF  
BEACH RENOURISHMENT RESOURCES  
ON THE INNER SHELF  
SEAWARD OF PAWLEYS ISLAND, SOUTH CAROLINA**



by:

Eric Wright, Paul Gayes, Patricia Donovan-Ealy, Wayne Baldwin and M. Scott Harris  
Center for Marine and Wetland Studies  
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Conway, South Carolina 29526

November, 1999

submitted to:

Minerals Management Service  
Office of International Activities and Mineral Resources  
381 Elden Street  
Herndon, Virginia 22070

South Carolina Task Force on Offshore Resources  
a cooperative program  
with the State of South Carolina  
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## **Executive Summary**

This study examined the sand resources seaward of Pawleys Island, South Carolina using approximately 150 trackline-miles (241 trackline-kilometers) of high-resolution seismic and side-scan sonar data, and 96 vibracores. High-resolution seismic reflection profiling data suggests a thin sediment cover (< 8 ft, 2.43 m), typically < 3 ft (0.91 m) over the entire study area, with the thicker sediment deposits occurring within bathymetric highs located to the southeast of Pawleys Island. The side-scan mosaic reveals high return values (possibly due to coarser sand or rock) along the southern half of the study area and low return values along the northern half of the study area (possibly due to finer sand or mud). Based upon the interpretation of the geophysical data, vibracore collections were focused in the area to the southeast of Pawleys Island. Sediment analysis of subsamples from the vibracores outline a 0.5 mile<sup>2</sup> (1.3 km<sup>2</sup>) area where the surficial sediment contains less than 10% mud and possesses Ra values of lower than 1.25 in the top 1 ft (0.30 m) interval of sediments (Ra values represent equivalent volumes of material needed to replace a volume of present beach material and are calculated from the mean grain size and standard deviation of the borrow material and the natural sediments on the beach. Higher Ra values (>1) represent finer borrow material than the natural beach material and therefore, to maintain the beach with the finer borrow material, additional borrow material is required. Ra values of greater than 1.25 are considered unstable). Assuming an average depth of 1 ft (0.30 m), this borrow area would provide over 500,000 yd<sup>3</sup> (382,277 m<sup>3</sup>) of beach compatible material for nourishment in the Pawleys Island area. Estimates of borrow material required to renourish the beach at Pawleys Island are currently being studied.

## **Introduction**

The South Carolina Task Force on Offshore Resources and Critical Habitats was established through funding from the Minerals Management Service INTERMAR program to compile sand, mineral, and hard bottom resource data for the inner continental shelf of South Carolina. The objective of the Task Force is to facilitate the efficient use of the state's resources while ensuring such use will incorporate environmentally sound planning. The Task Force was designed as a five-year program to compile and update a database relative to the program goals and undertake new studies to document sand, mineral and hard-bottom resources that exist on the state's coastal ocean shelf from the shoreline to 16 kilometers (10 miles) offshore. Prior to this program, only limited data existed for this region.

### Previous Task Force Activities

The goal of the first year of the Task Force was to assemble existing biological and geological information and identify areas where additional sand resource information was needed. That effort was presented in a combined Task Force Final Report in April of 1994 (Van Dolah, et. al., 1994).

The main goal of the second, third and fourth years of the Task Force was to assemble the Year I database into a Geographic Information System (GIS) and to begin a phased field study gathering relevant information to assess beach renourishment resources off several areas of the South Carolina coast. The sites of these surveys were established to provide such data to areas where these resources are needed and for which existing data is limited or inadequate.

Overall accomplishments of the first four years of the program include:

1. A detailed review and synthesis of existing information on the physical and biological conditions in the coastal zone (Van Dolah et. al., 1994a),
2. Collection and synthesis of data from geologic and geophysical surveys of the inner shelf off Folly Beach, Edisto Island and Hilton Head Island, South Carolina (Gayes and Donovan-Ealy, 1995, Gayes et al., 1998, Wright et al., 1998),
3. Development of an extensive computer databases on bottom habitat characteristics in both an easily accessible PC format and an Arc/Info GIS maintained by South Carolina Marine Resources Division (SCMRD),
4. Evaluation of shoreline migration rates and sediment budgets for Seabrook, Kiawah and Folly Island (Katuna, et. al., 1995), and
5. An assessment of the physical recovery previously used borrow sites in state waters (Van Dolah et al, 1994b, Van Dolah et al., 1998).

Copies of these reports are available through South Carolina Department of Natural Resources (SCDNR) and through the worldwide web via the Minerals Management Service INTERMAR homepage ([www.mms.gov/intermar/marineac.htm](http://www.mms.gov/intermar/marineac.htm)).

### The South Carolina Task Force on Offshore Resources and Critical Habitats-Year V

The goal and specific associated tasks of the fifth year of the program were to:

1. Continue the phased mapping effort to delineate potential sand resources seaward of erosional beaches in the state. This phase was to focus on the inner shelf seaward of Pawleys Island (Figure 1).
2. Synthesize the data obtained in Objective 1 and other recently collected data available throughout the state waters into the existing INTERMAR databases.

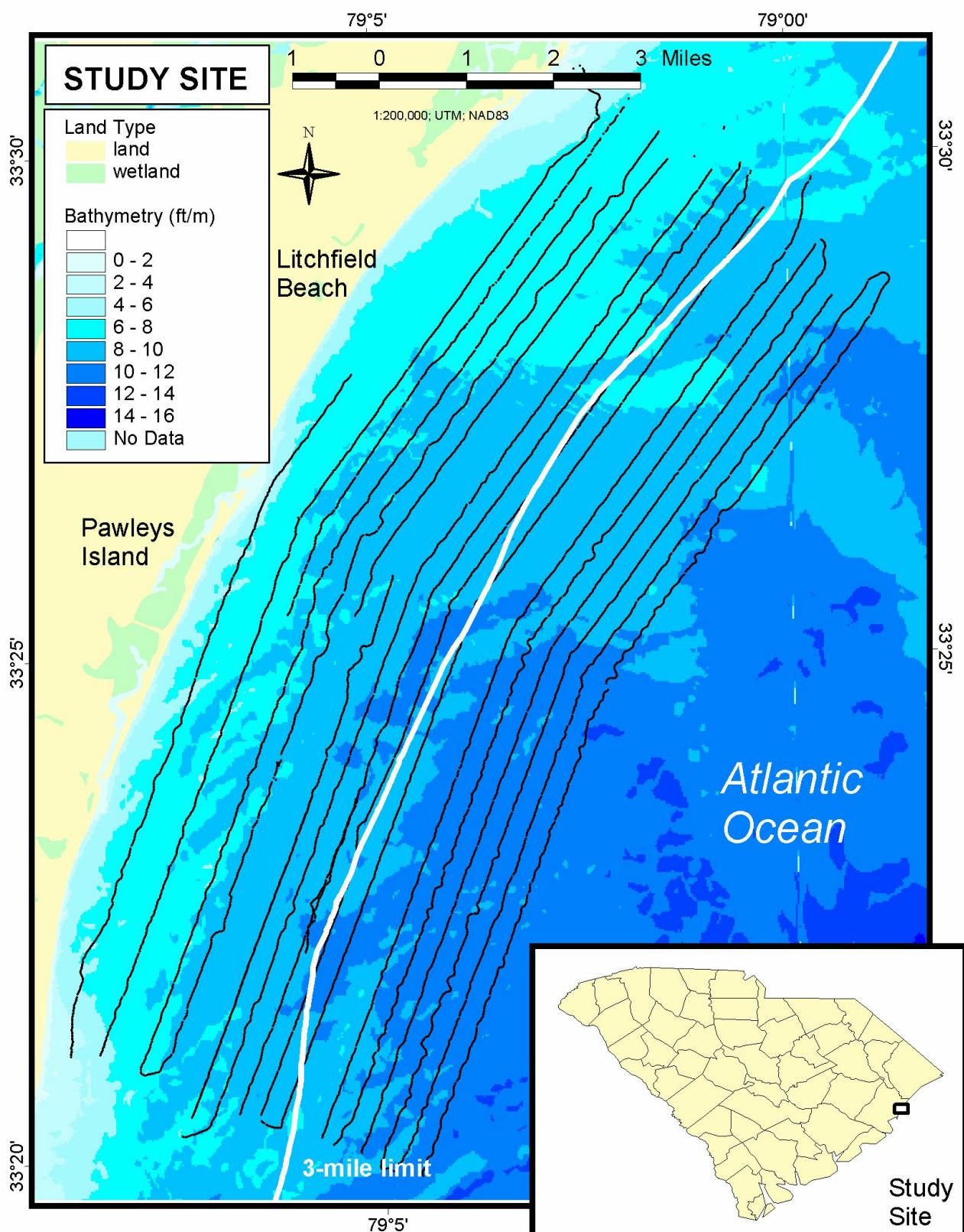


Figure 1: Study site location and bathymetry

This report documents the contributions of the Center for Marine and Wetland Studies (CMWS) at Coastal Carolina University (CCU) to the Task Force's Year V efforts. CMWS had the responsibility of conducting a reconnaissance survey of sand resources seaward of Pawleys Island, South Carolina.

### **Previous Work**

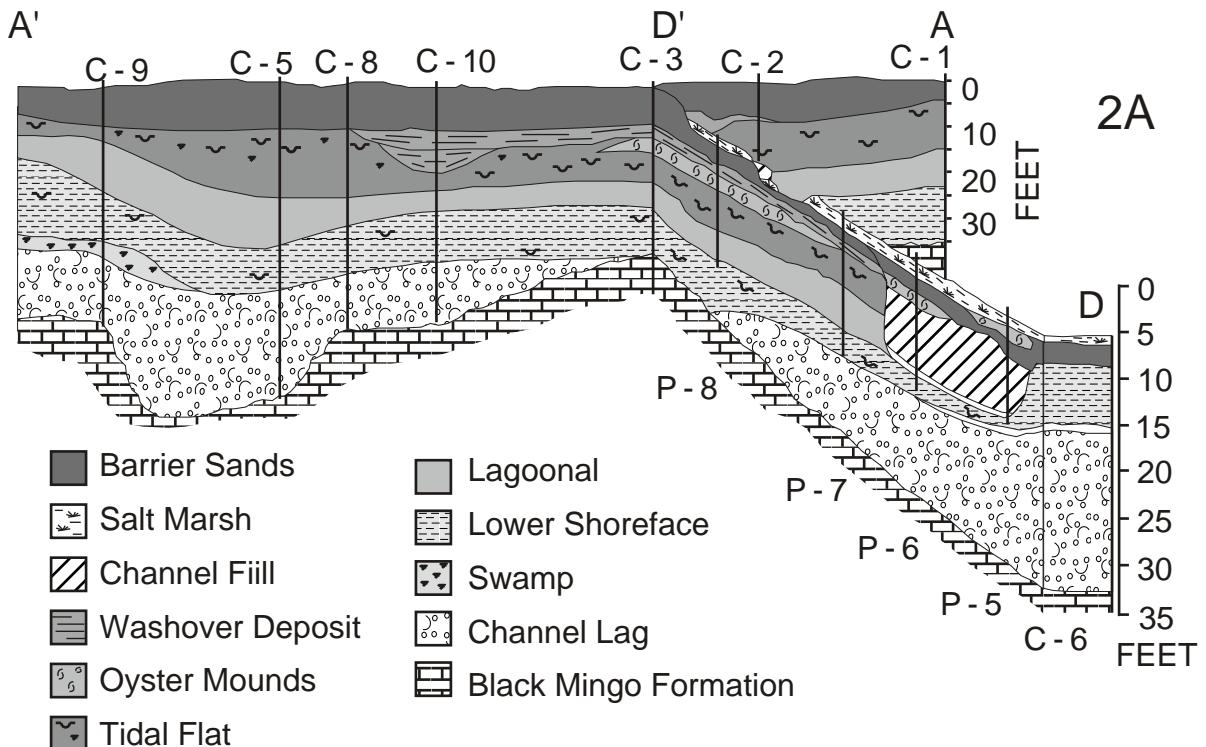
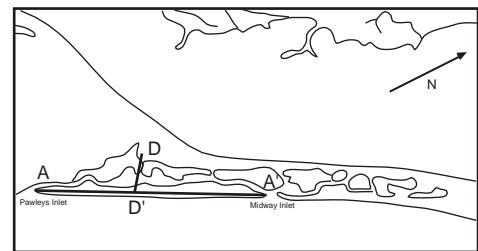
Previous studies have examined the land-based geologic development (Domeracki, 1982), shelf paleo-channels (Gayes, et. al., 1992) and the beach prior to any renourishment at Pawleys Island (CSE-Baird, 1999, pers. comm.). To determine stratigraphy, Domeracki (1982) collected 27 vibracores and 31 auger holes from Pawleys Island, the adjacent marsh and landward to the Waccamaw River. The stratigraphy underlying Pawleys Island is composed of Holocene sediments overlying Pleistocene and older sediments, which infill the uneven surface of the Black Mingo Group (Figure 2A). Environments of deposition in the Holocene include barrier-island sands, overwash sands, marsh mud, and tidal creek and lagoonal sands and mud.

Gayes et al (1991) used high-resolution seismic data along a loose, 139 mile (225 km) trackline grid extending from Myrtle Beach to North Inlet to identify shore-normal paleo-channels (Figure 2B). They reported two channels: (1) a 1.24-2.49 mile (2-4 km) wide southern channel seaward of the southern end of Pawleys Island, and (2) a 1.24-4.33 mile (2-7 km) wide northern channel seaward of Murrells Inlet. These channels appear to represent paleo-river valleys formed by the Pee Dee River during previous lowstands of sea level. CSE-Baird (1999, pers. comm.) analyzed 12 surface sediment samples collected from the Pawleys Island dune, mid-tide beach, and shoreface at the -5 ft (-1.52 m) and -10 ft (-3.05m) depth in July 1996 which characterized the “native” beach sediment textures for this study.

### **Methods**

Geophysical data and vibracores were collected seaward of Pawleys Island, from the shoreline to 3 miles (4.83 km) offshore and 9 mile (14.48 km) along the coast, to help assess potential sand resources for future nourishment projects (Figure 3). Sediment location and thickness were initially interpreted from geophysical data, which included side-scan mosaics and high-resolution seismic profiles. Based upon the geophysical data, vibracores were collected. Vibracores provided a quantitative assessment of sand quality, to identify potential borrow sites and to produce an estimate of sand resource potential of the inner shelf off of Pawleys Island.

## FENCE DIAGRAM: CROSS - SECTION A-A' ; D-D'



## PALEO-CHANNELS

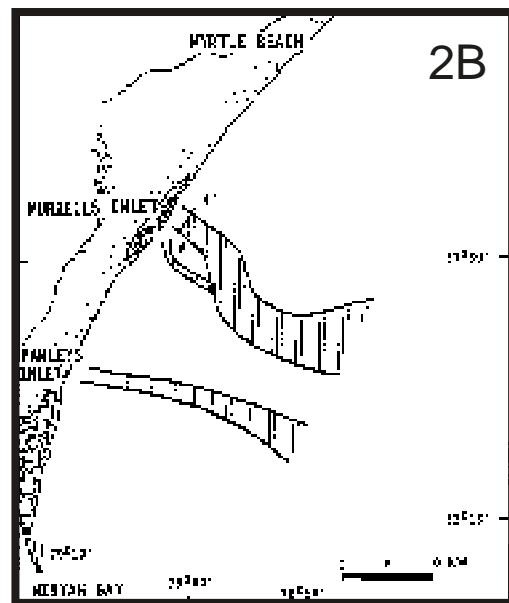


Figure 2: Previous work.  
(A) Fence diagram constructed from stratigraphic cross-sections of Pawleys Island (modified from Domeracki, 1982). (B) Paleo-channels mapped seaward of Pawleys Island (modified from Gayes, et al, 1992).

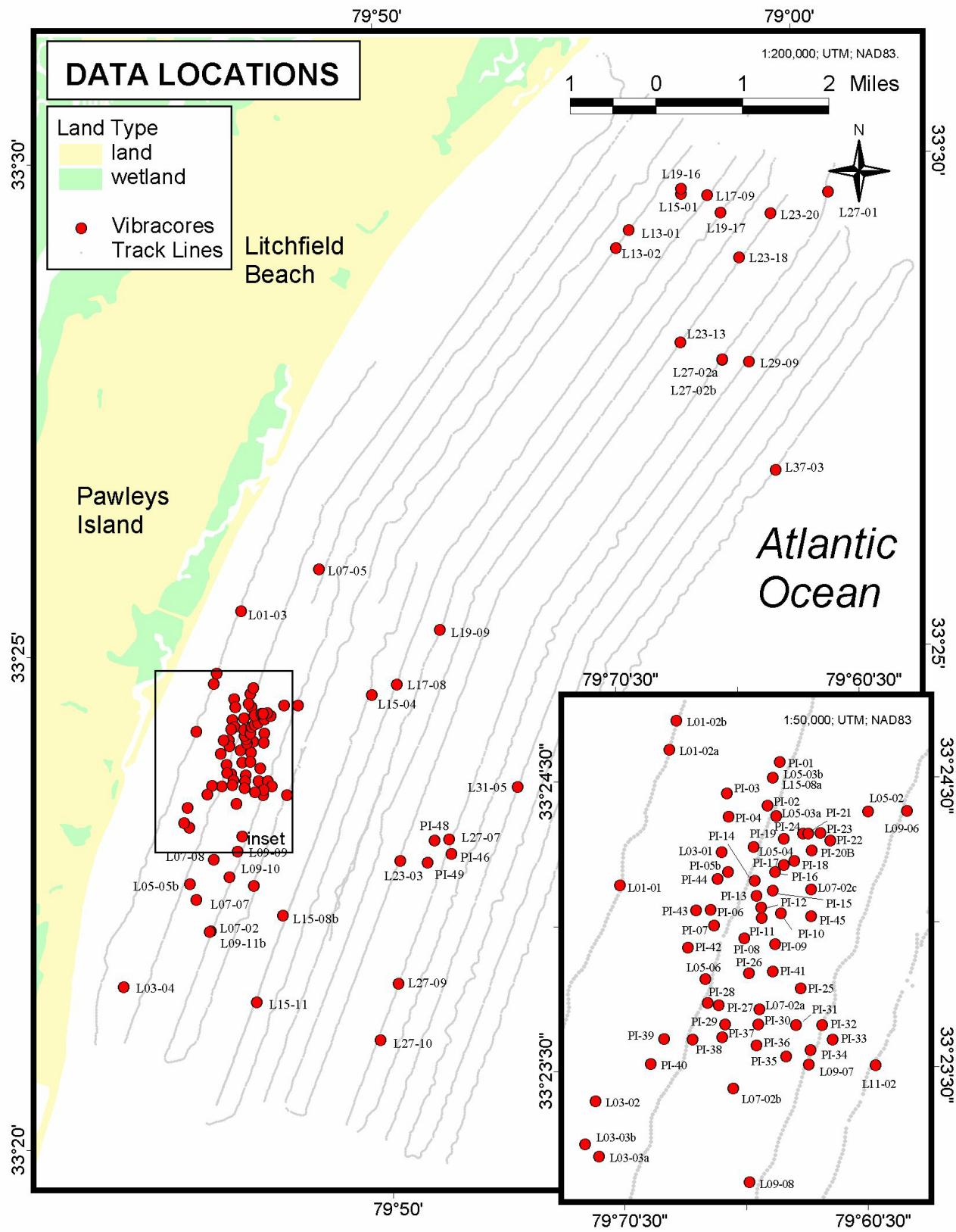


Figure 3: Vibracore locations and geophysical tracklines.

### Geophysical Profiling

Approximately 150 miles (241 km) of geophysical profiles were collected during October through December of 1998 for sand resource assessment of the inner shelf seaward of Pawleys Island. These data were collected on board the National Ocean and Atmospheric Administration (NOAA) Ship FERREL and the Coastal Carolina University vessel R/V COASTAL II. Both ships used differential global positioning systems (DGPS) for navigation. When DGPS was unobtainable on the COASTAL II, the cruise track was estimated using the speed and direction prior to and after the interruption of DGPS.

The CMWS Geopulse high-resolution seismic reflection profiling system was used for the collection of the seismic data. The system was triggered every 0.65 seconds at 100 Joules. The return signal was filtered through a Krone Hite Hi-Pass/Lo-Pass filter and the maximum frequency range sampled was 300-10000 Hz under optimum sea state but more typically was 400-8000 Hz. The data was collected as a digital record using Triton *Isis* digital acquisition hardware and software. Minimum vertical resolution of this system is 1.64 ft (0.5 m).

The CMWS Klien side-scan sonar system was used for the collection of side-scan data. The system used a 100 and 380 kHz frequencies with a 219 yd (200 m) swath. The data was collected as a digital record using the *ISIS* acquisition system. Raw data was processed to form mosaics using the USGS X-sonar software. While collected data had higher resolution, minimum horizontal resolution of the mosaic was processed with a 3.28 ft (1m) resolution to enhance the speed of display.

### Vibracores

To sample sand deposits and major geophysical units, vibracores were collected at 48 locations, defined by interpretation of the geophysical records, within the study area in late November and early December of 1998 and at an additional 49 locations during late March of 1999. Using DGPS to locate sites, 3 inch (7.6 cm) aluminum cores were collected off the NOAA R/V Ferrel by a CMWS designed system, which vibrates the cores into the sediment. Cores were then recovered, labeled, capped and sealed for transit on the ship. All cores were shipped back to CCU, where they were split, photographed, visually described and subsampled for sediment analyses. Subsamples were collected from the surface sediments (less than one inch) and along one foot intervals (shallow channel samples) for the first three feet of the vibracores

### Sediment Analysis

Standard sieve analysis (Folk, 1981) was conducted on each subsample. The following textural parameters were determined: mean size (mm), % gravel-sand-silt-clay, sorting, skewness and kurtosis. Carbonate fractions were removed by dilute acid to determine percent carbonate and after resieving, the textural parameters were again determined for the non-carbonate fractions.

## **Results**

### Seismic Reflection Profiles:

As determined by high-resolution seismic data, southward-dipping seismic units underlie the sediments of the inner shelf seaward of Pawleys Island (Figure 4). Located along the southern flank of the Cape Fear Arch, vibracores indicate that these units are lithified and are considered Paleogene in age.

A thin (<3m) seismic unit overlies these dipping units. The flat-lying basal reflector of this top unit was most prominent under mounds within the southern portion of the study area whereas the reflector was often lost in the ringing of the flatter seafloor reflector as the unit thinned to the north. Largest mounds were located to the southeast of Pawleys Island (Figure 5).

Several cut-and-fill structures were identified. The most prominent were two 10 m deep, cut-and-fill structures located along the northern boundary of the study area. Located below the top seismic unit, these structures could be traced across all the lines and are considered to be river channels formed during earlier sea-level lowstands. Several other isolated cut-and-fill structures were also identified. Vibracores collected from over the two large river channels to the north and from one of the isolated cut-and-fill structures indicate that these particular features are infilled by lithified sediments.

### Side Scan Mosaic:

The side-scan mosaic indicates high return values (possibly due to coarser sands or rock) along the southern half of the study area and a thin shore-normal zone of slightly higher return to the north (Figure 6, 7). Elsewhere along the northern half of the study area, the mosaic showed low return values (possibly due to finer sands and mud).

### Vibracore Data and Sediment Analysis:

Vibracore lengths ranged from 0 - 8 ft (2.44 m), with variably lengths recovered throughout the study area (Figure 8; Appendix I, IV). Longer cores (> 6 ft, 1.82 m) were more numerous in the focus zone to the southeast of Pawleys Island with the deepest two

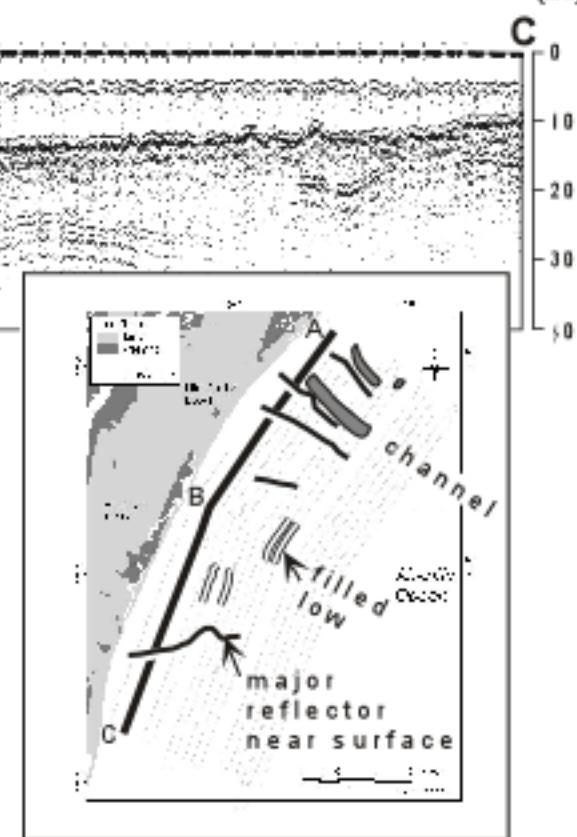
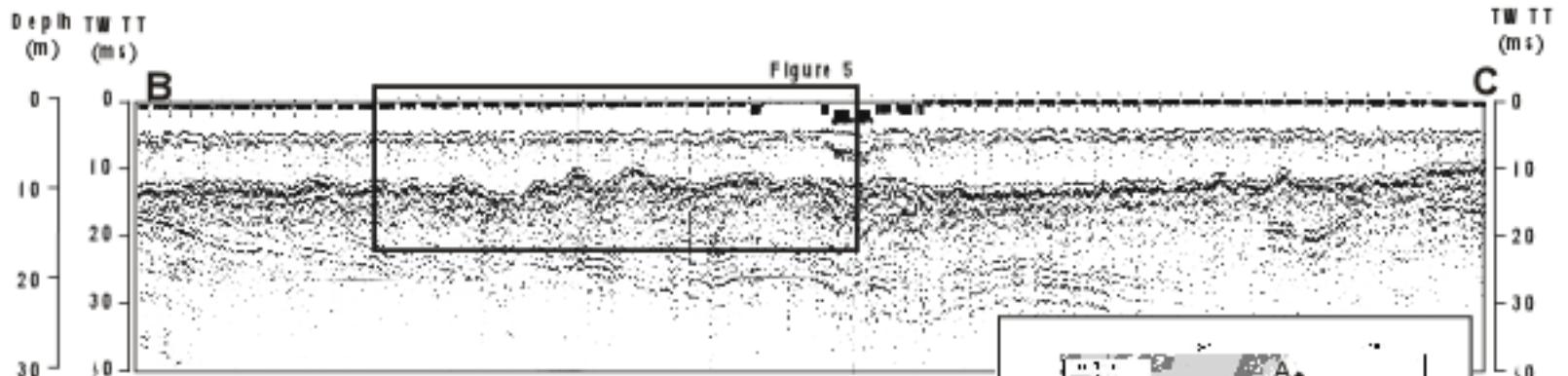
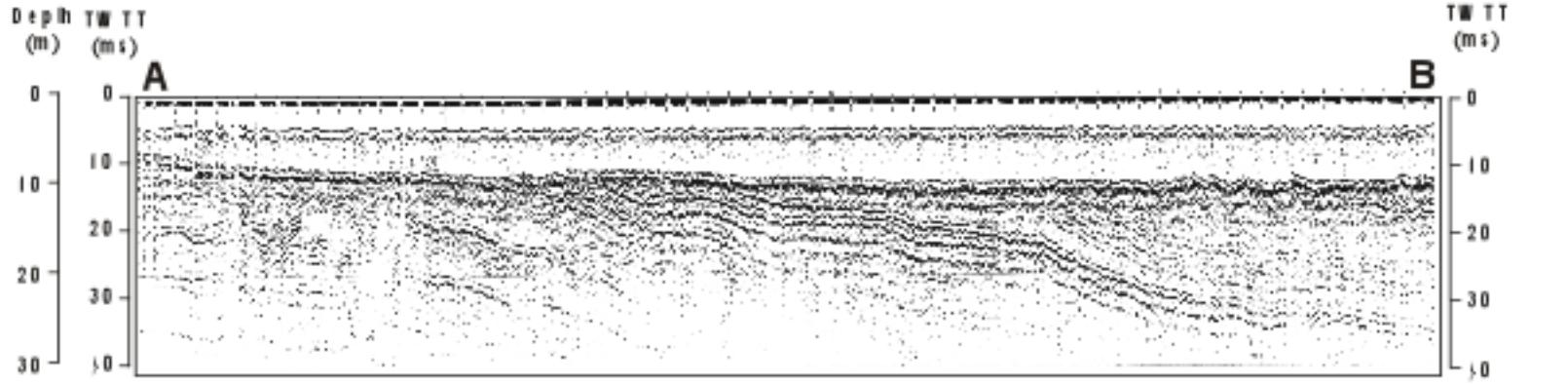


Figure 4. Framework geology as observed in high-resolution seismic data. The major geologic structures dip to the south and strata frequently crop out at the seafloor in the form of flat hardgrounds or small ledges.

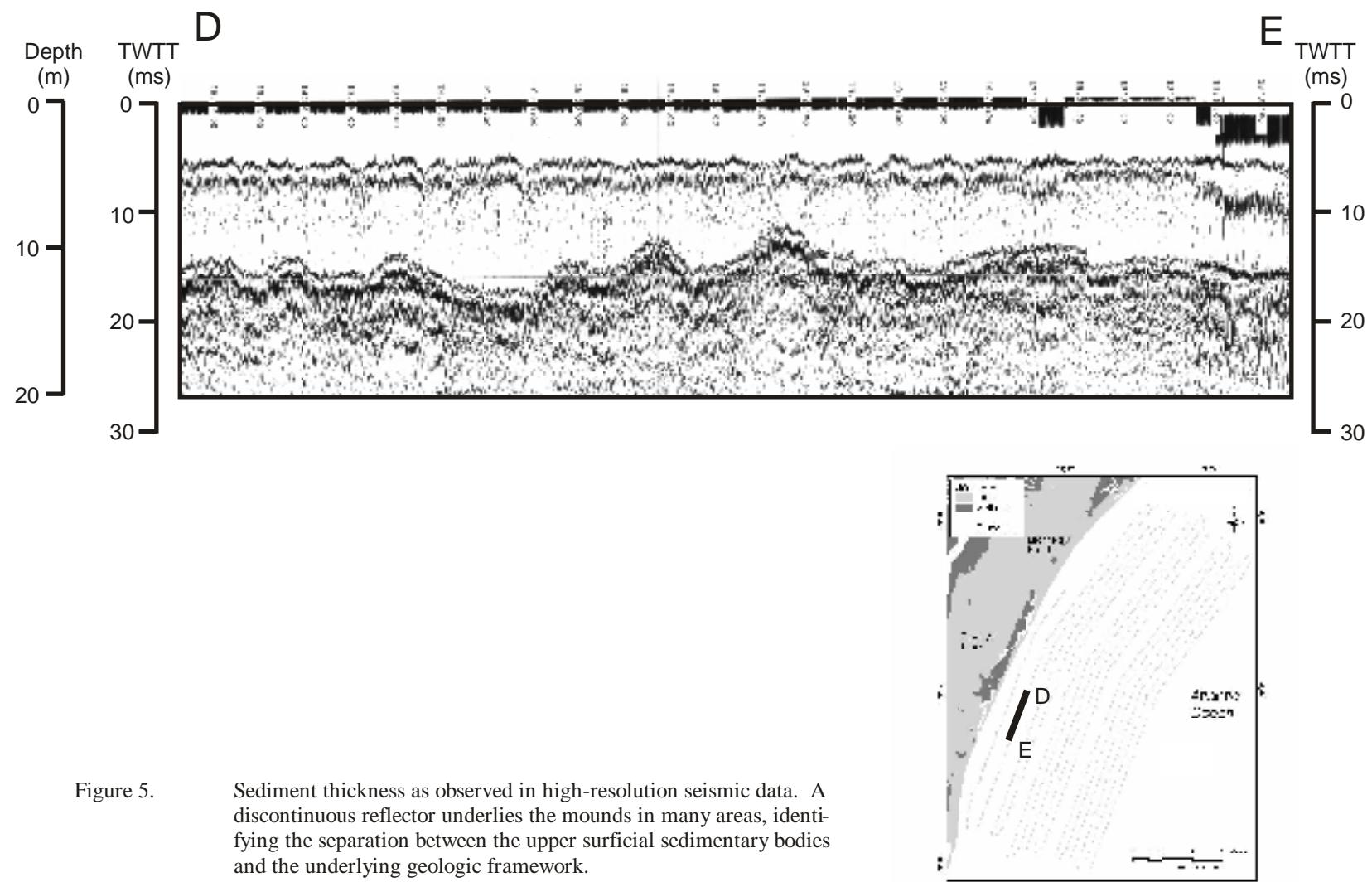


Figure 5. Sediment thickness as observed in high-resolution seismic data. A discontinuous reflector underlies the mounds in many areas, identifying the separation between the upper surficial sedimentary bodies and the underlying geologic framework.

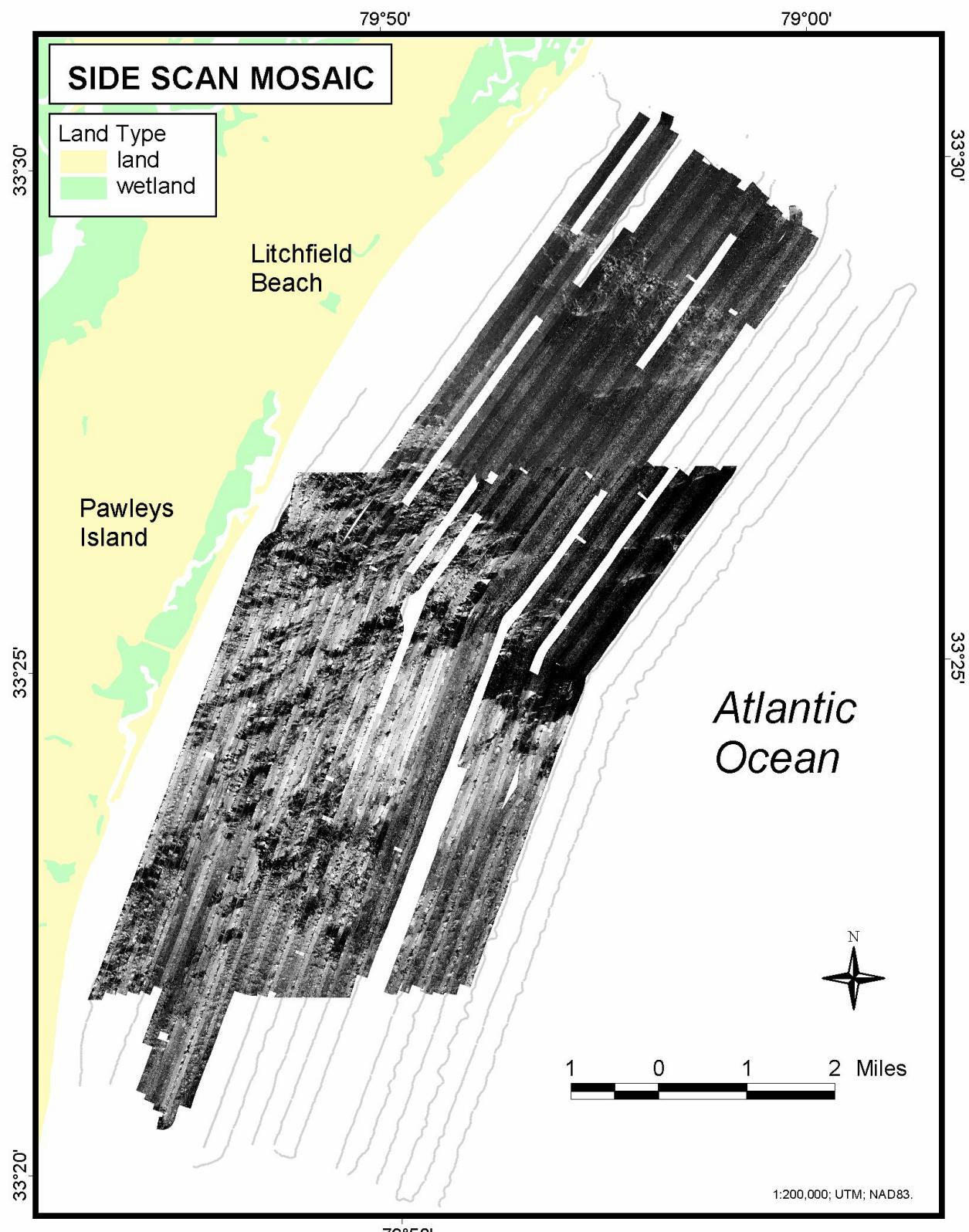
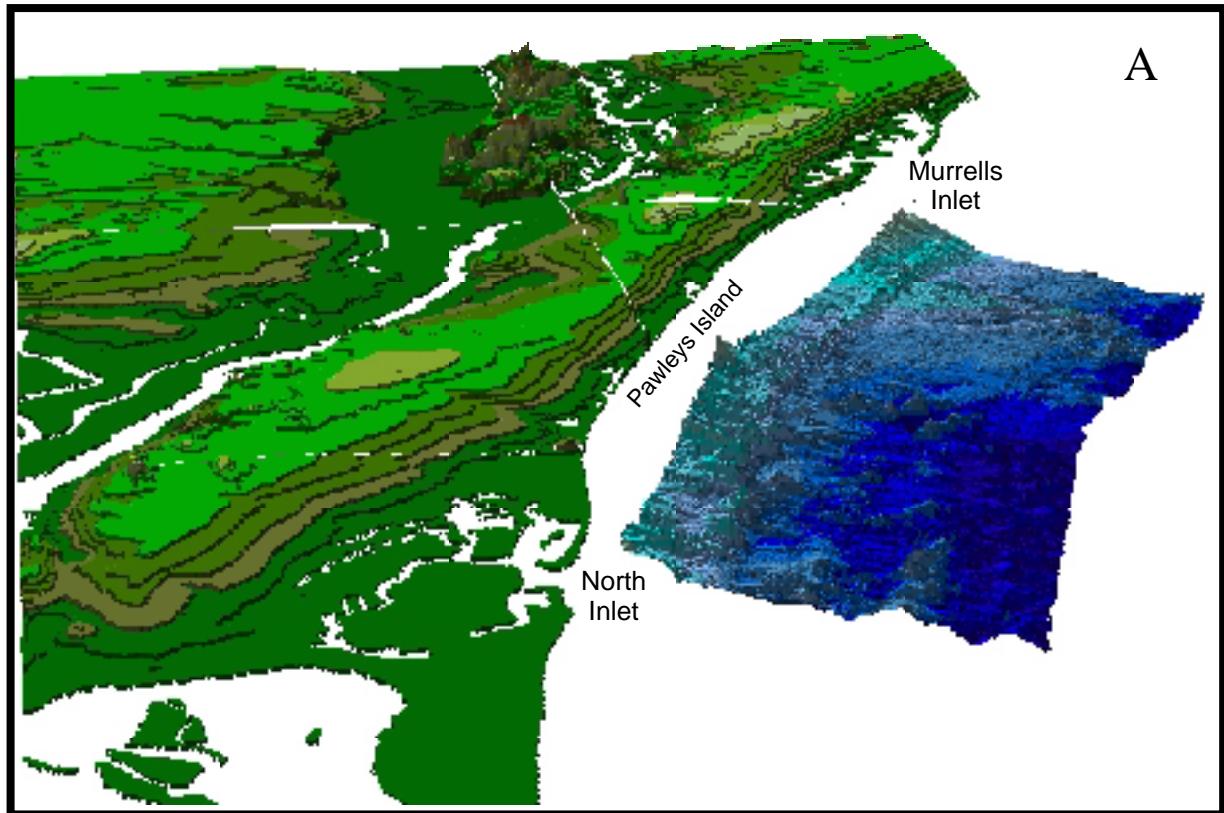


Figure 6: Side-sonar mosaic. (Note: the southern and northern mosaics were collected and processed at different times. Each mosaic was processed for maximum contrast. The gray-scales associated with each area are therefore slightly different (most easily noted in the darker grays). The darker grays should be continuous between the northern and southern areas).

### 3-D view of bathymetry



### 3-D view of side-scan mosaic

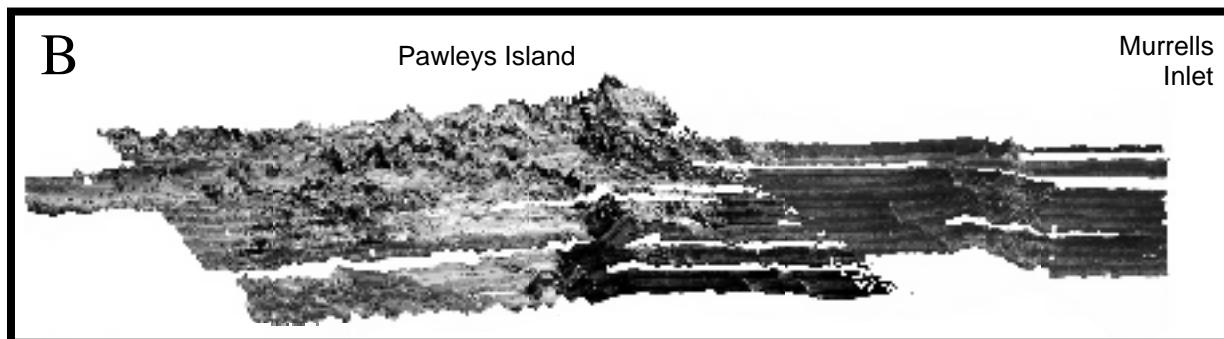


Figure 7: Three-dimensional visualizations of the study area. (A) View of Pawleys Island and offshore bathymetry. Orientation is looking along shore toward the northeast. (B) Side scan mosaic draped over bathymetry. Orientation is looking onshore toward the northwest.

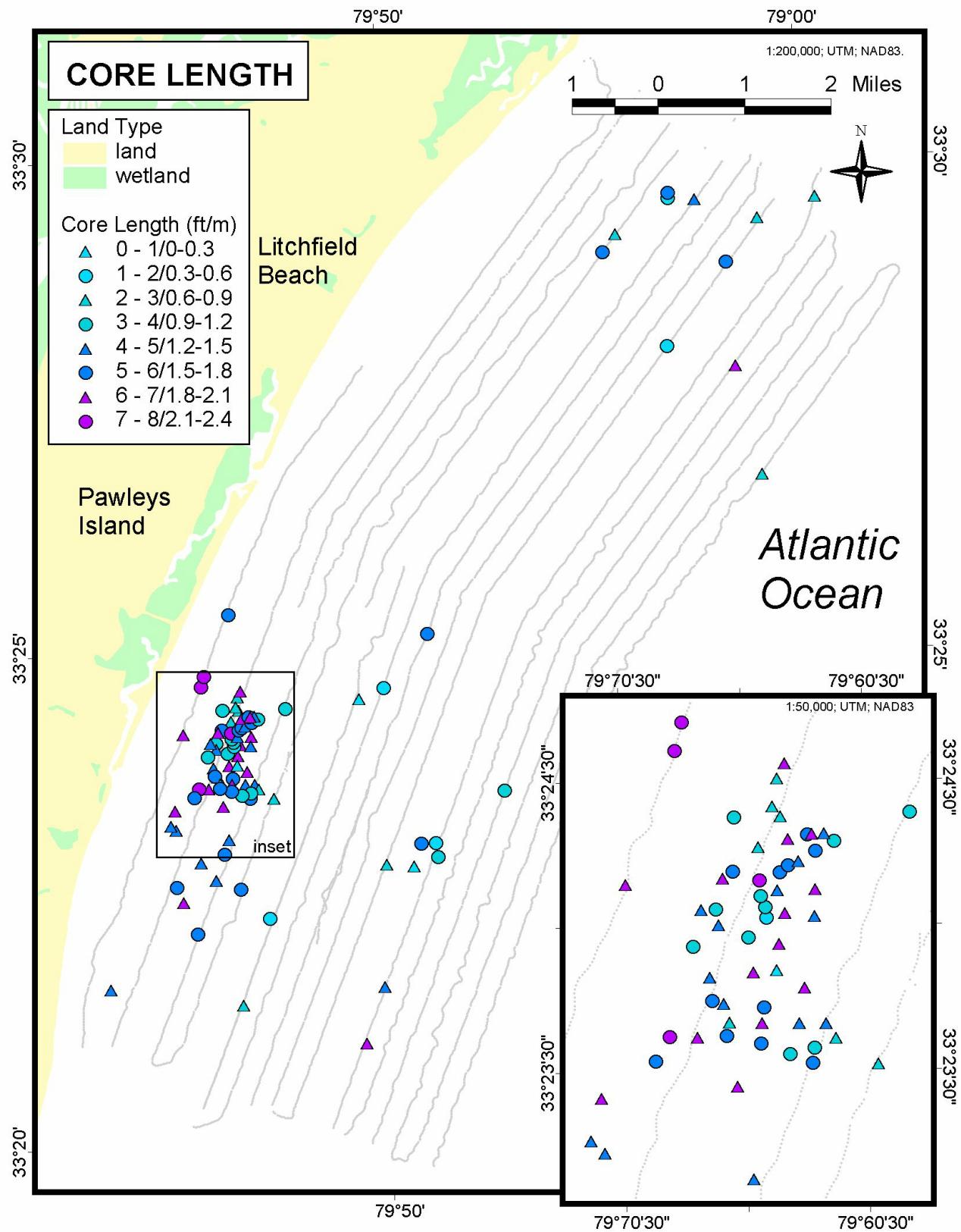


Figure 8: Length of cores.

cores (>7 ft, 2.13 m) located along the landward northwest edge of the zone. Detailed vibracore descriptions are available from CMWS and the vibracores themselves are archived in the CMWS vibracore repository.

The top 1 ft (0.30 m) interval for bulk sediments was used to examine spatial variability of sediment characteristics (Figures 8-15; Appendix II, III). The distribution of percent mud measure in the vibracores reveals that most of the study area contains less than 10% fines, with only four locations having greater values (Figure 9). The highest value was located along the northern edge of the focus zone, while other high values were located farther to the east. A single value of greater than 10% was also located in the center of the focus zone. Percent sand shows greatest values (>90%) all along the northern border of the study area and within the northwest edge of the center cluster of cores in the focus zone (Figure 10). Other high values are scattered throughout the study area. Higher percent coarse (>2mm) are located toward the northeast and, to a lesser extent, the southeast section of the center cluster of cores in the focus area (Figure 11). Carbonate content generally varies between 10-50% throughout the study area with slightly lower content along the northern edge of the study area (Figure 12). Mean grain size values were generally medium to coarse sands across the study area, except for fine sand values located along the northern border of the study area (Figure 13).

Ra values were calculated using a method similar to James (1975) and textural values for native beach sediments collected from the mid-tide beach in July, 1996 (CSE-Baird, 1999, pers. comm.). The method uses the following calculated values:

$$x\text{-axis value} = (M_b - M_n)/S_n$$

$$y\text{-axis value} = S_b/S_n$$

where M = mean; S = sorting; b = borrow material; n = native material

to compare with the James (1975) nomogram to determine Ra values (Figure 14). The Ra values represent equivalent volumes of material needed to replace a volume of present beach material. Higher Ra values (>1) represent finer borrow material than the natural beach material. Therefore, to maintain the beach with the finer material, additional borrow material is required. Ra values of greater than 1.25 are considered unstable. Most of the study area shows stable Ra values (Figure 15). Unstable values are located all along the northern border of the study area and a few values are scattered throughout the focus zone. Best values are located within the cluster of cores at the center of the focus zone.

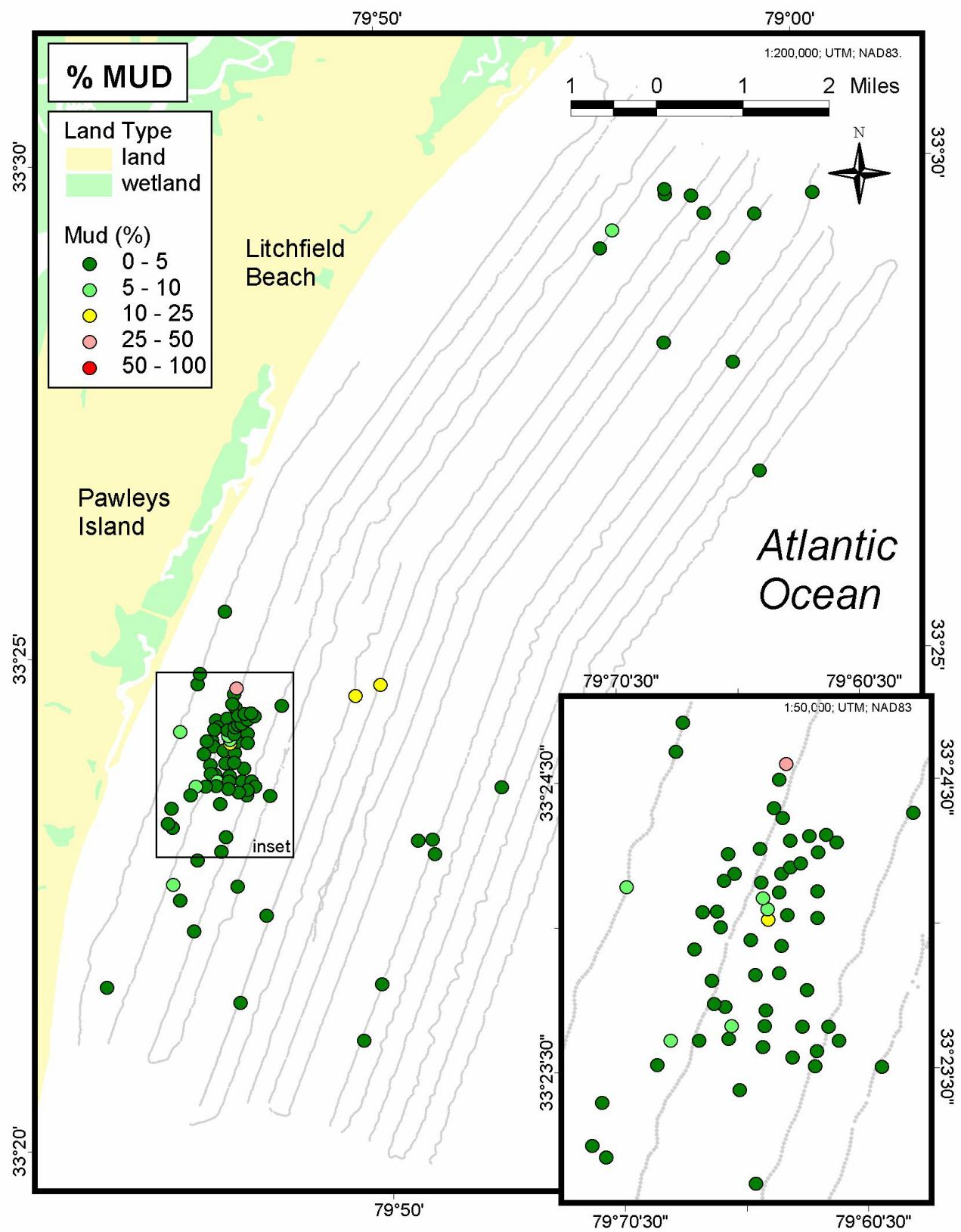


Figure 9: Percent mud for 0-1' interval within vibracores.

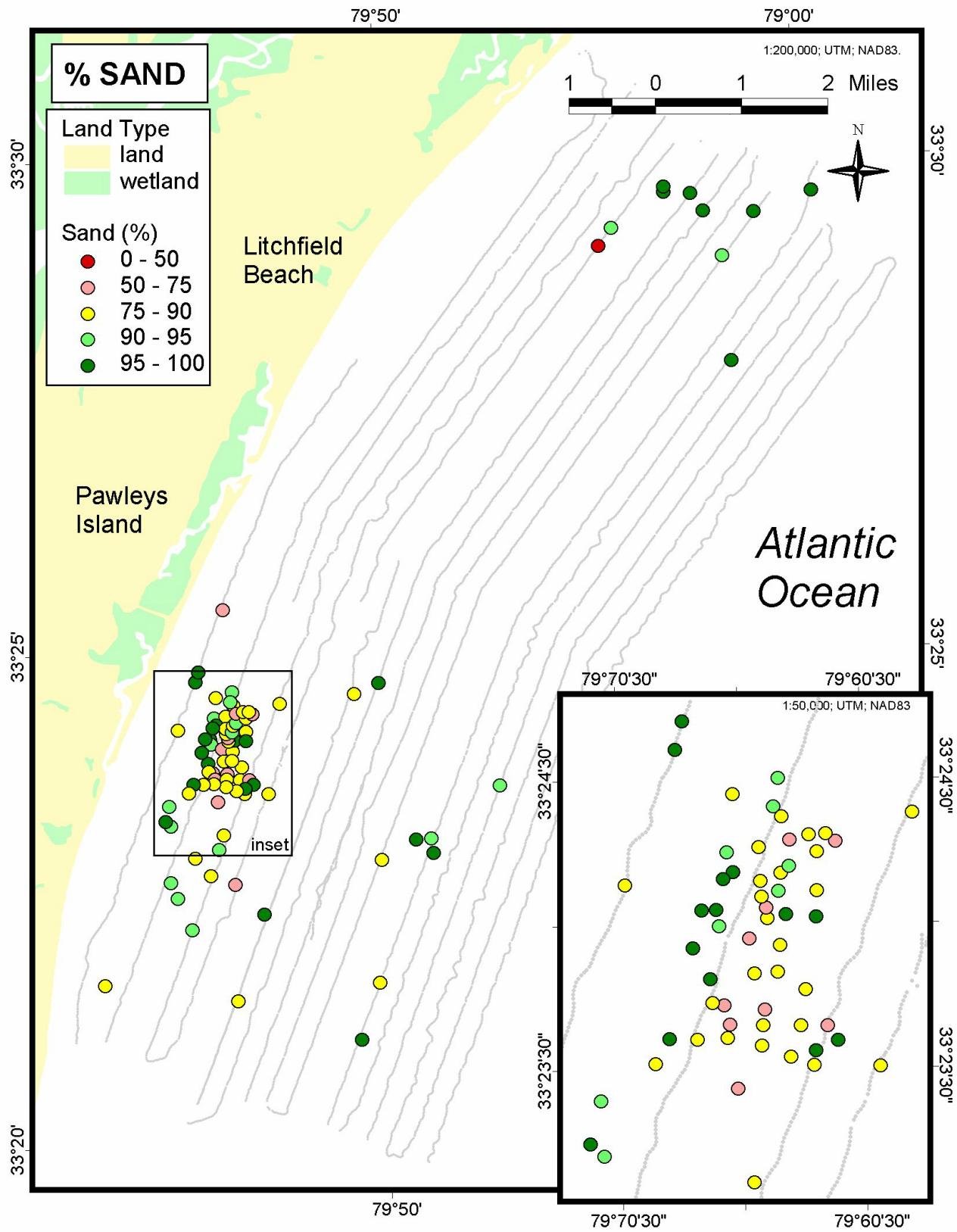


Figure 10: Percent sand for 0-1' interval within vibracores (note: legend is reversed from other figures).

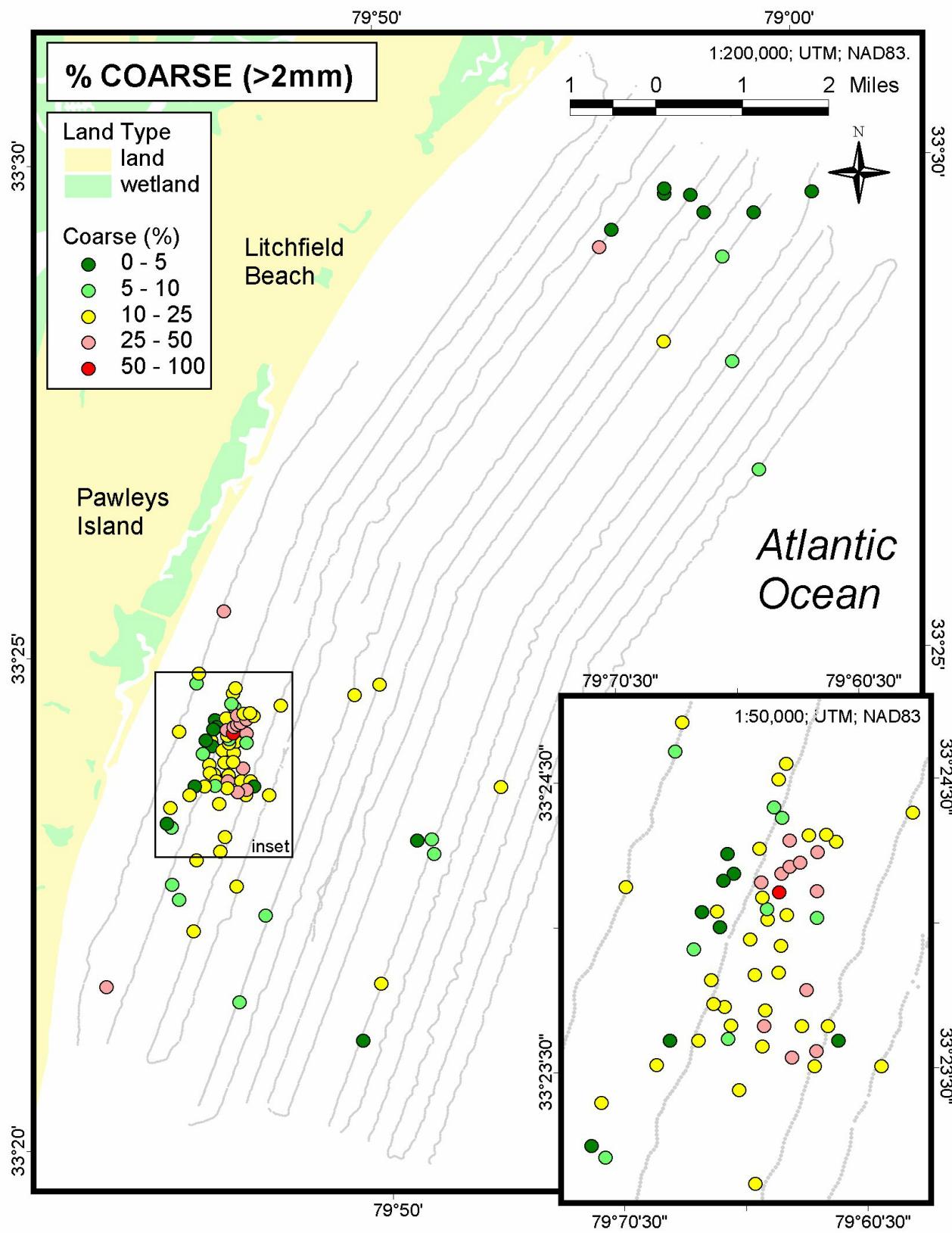


Figure 11: Percent coarse (>2mm) for 0-1' interval within vibracores

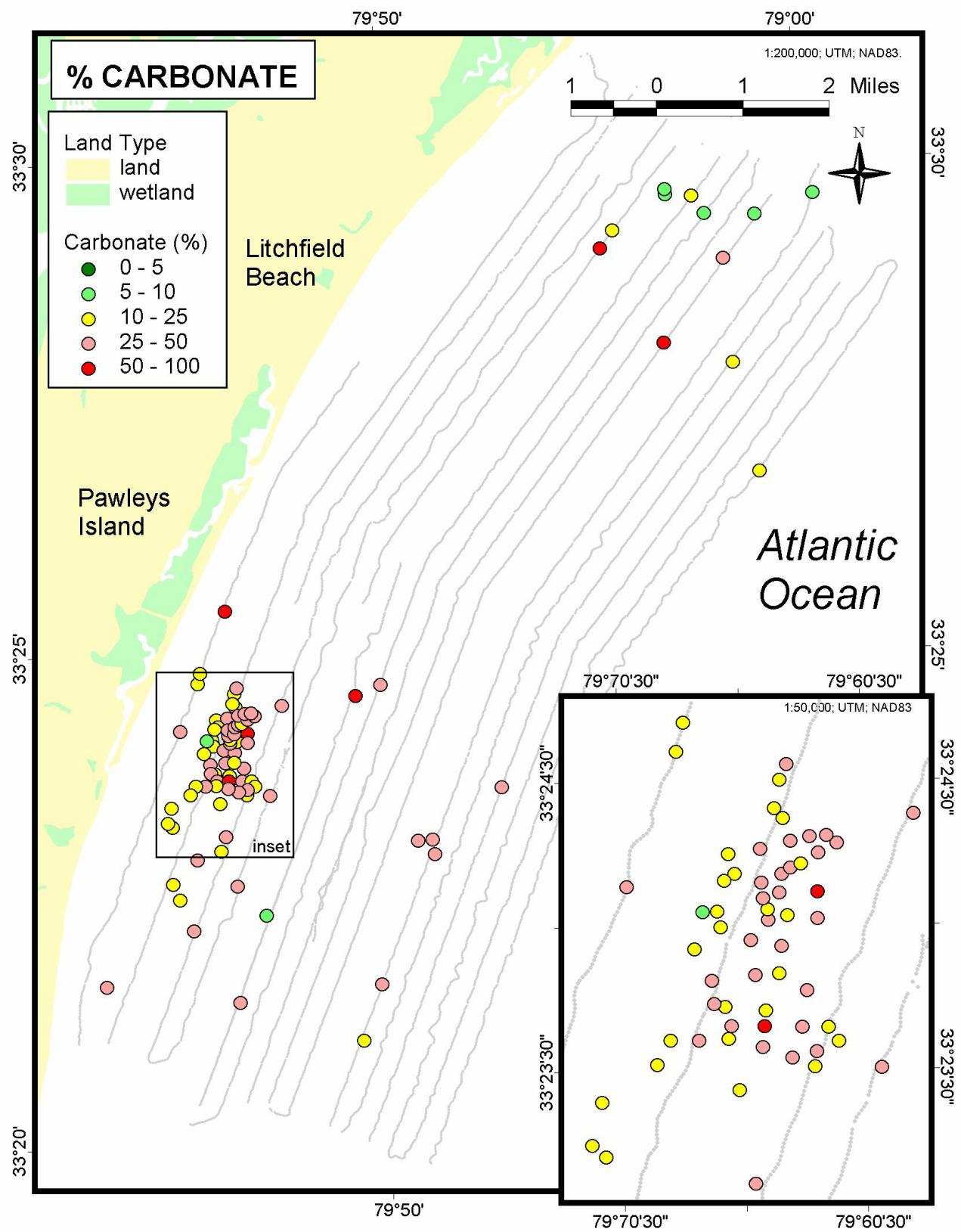


Figure 12: Percent carbonate for 0-1' interval within vibracores.

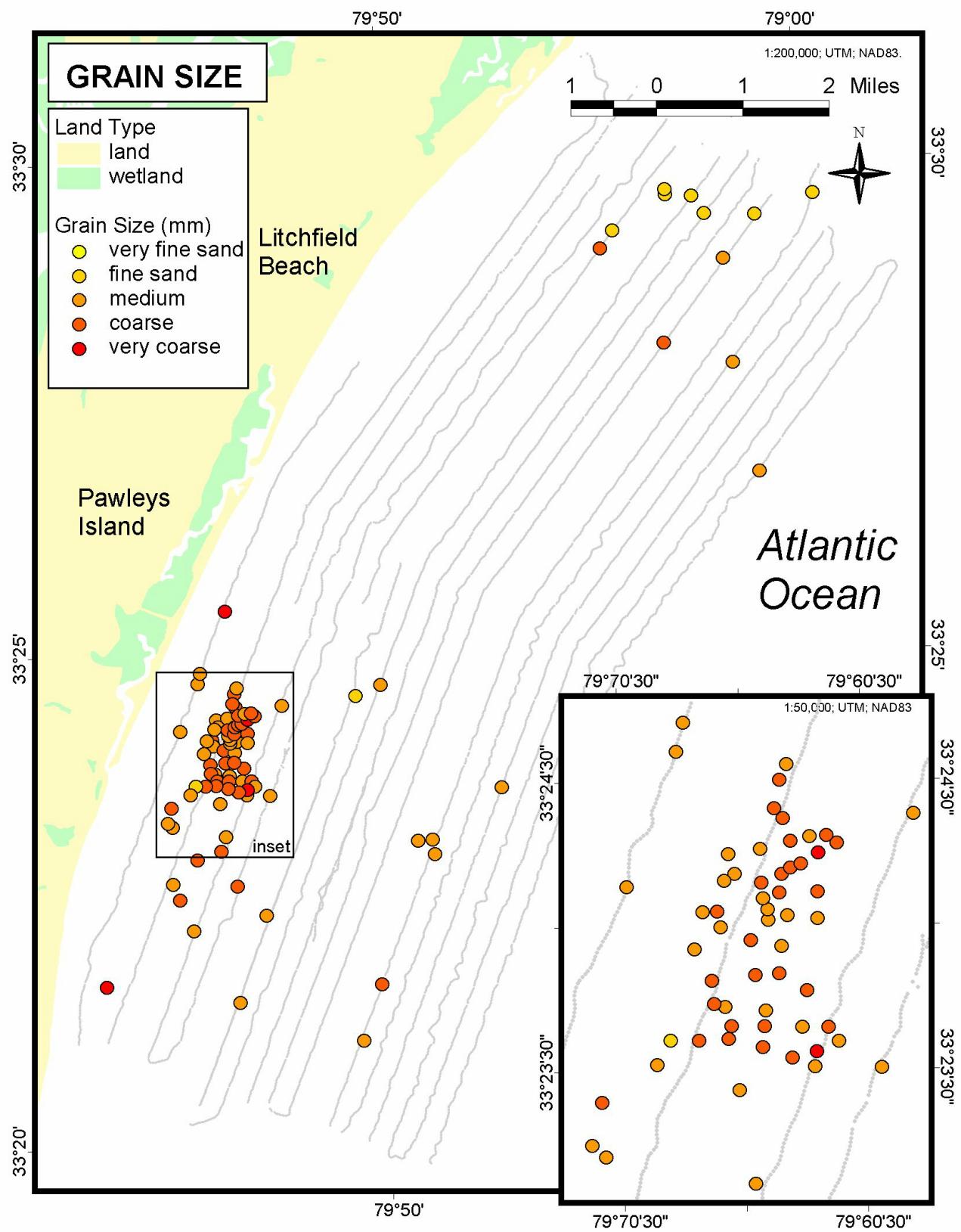


Figure 13: Mean grain size for 0-1' interval within vibracores.

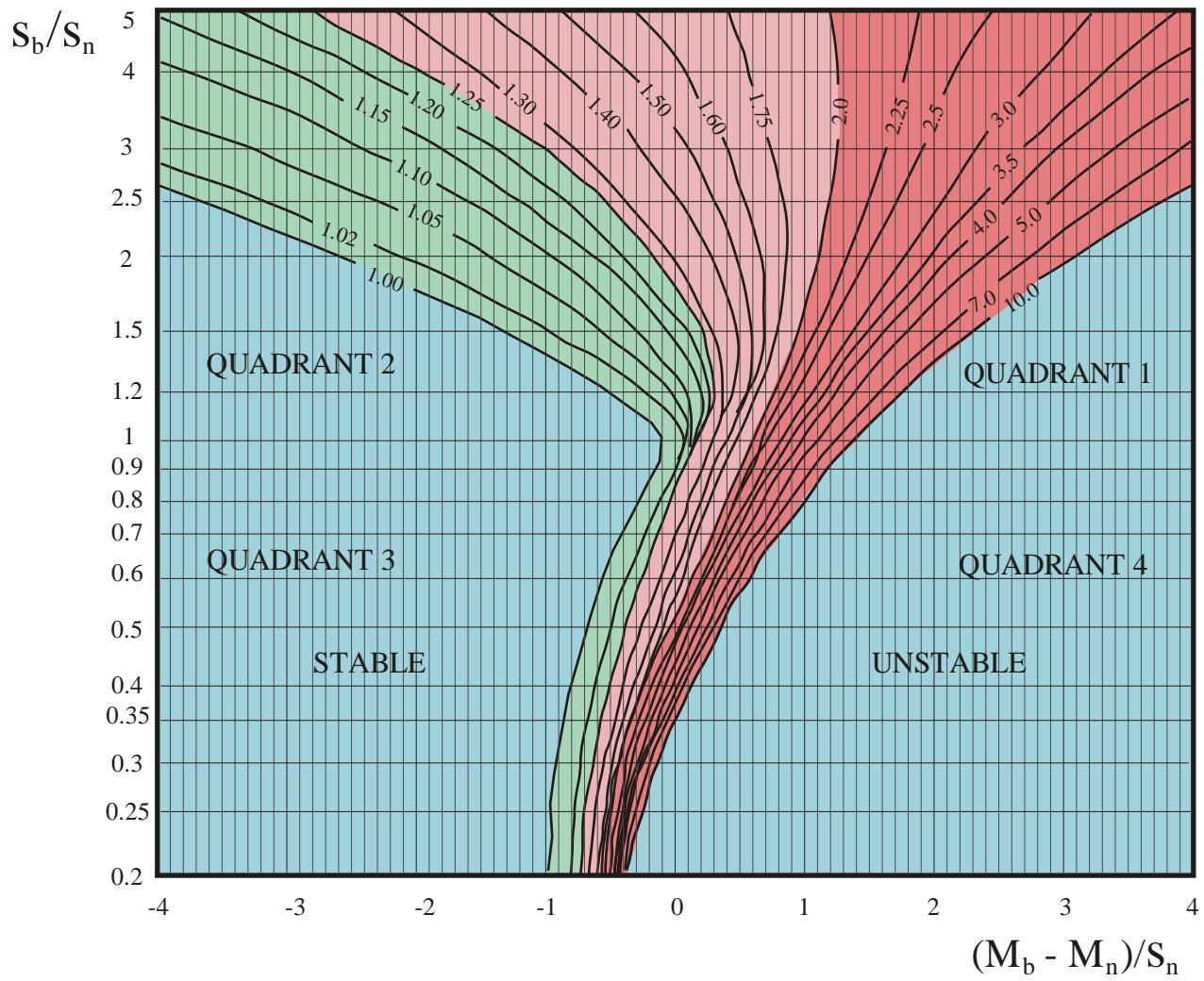


Figure 14: Nomogram used to determine overfill ratio  $R_a$  (modified after James (1975)).  
Overfill ratios greater than 1.25 are generally considered unstable and unsuitable as beach fill material.

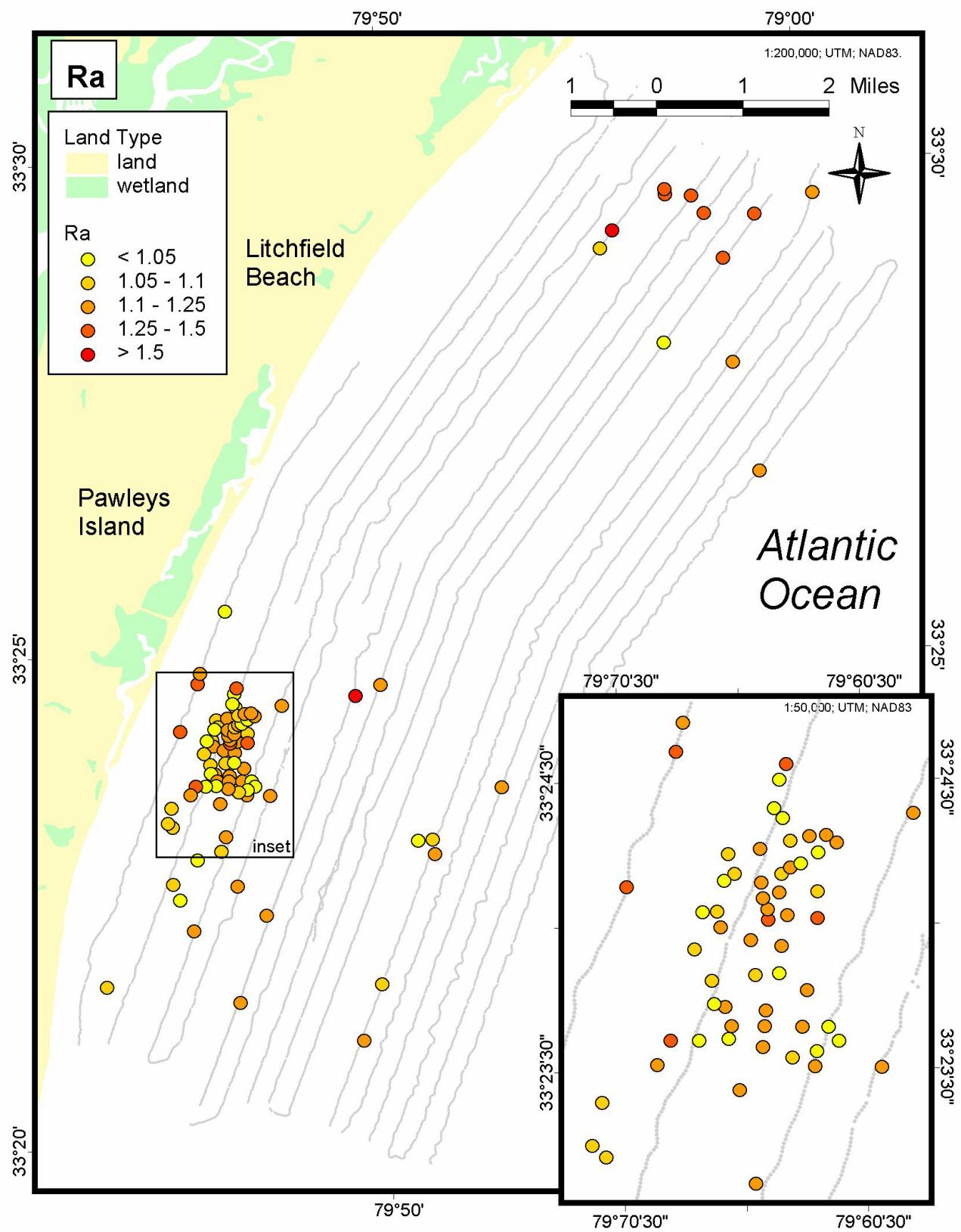


Figure 15: Ra values for 0-1' interval within vibracores.

### Sand Resource Potential:

Geophysical data reveal possible thicker deposits of sediment underneath bathymetric highs to the southeast of Pawleys Island. Vibracores from this focus zone suggest that sediments with less than 10% mud and Ra values of less than 1.25 outline a 0.5 mile<sup>2</sup> (1.3 km<sup>2</sup>) area of borrow material over 1 ft (0.38 m) thick (Figure 16). At 1 ft (0.38 m) thick, this resource will produce over 500,000 yd<sup>3</sup> (382,277 m<sup>3</sup>) of borrow material. Depths of useable sediment exceed 3 ft (0.91 m) thick locally in areas within the borrow site and could provide additional borrow material.

Estimated volume of borrow material from focus area seaward of Pawleys Island

Thickness (ft/m)	Estimated Volume (yd <sup>3</sup> /m <sup>3</sup> )
1 / 0.3	500,000 / 382,277

Other potential borrow sites include areas to the east and southeast of the proposed site and along the narrow (< 0.5 miles (0.80 km) wide), shore normal slightly higher return values located along the northern portion of the study area. Because of the spatial variabilty of usuable sediment thicknesses seaward of Pawleys Island, these sites would require further vibracore data. As identified on the seismic data, a final potential site is an isolated cut and fill, where a strong planer subbottom reflector extends to the surface on either side (Figure 17). Additional vibracore data will be required to test if it is infilled with unlithified sediments.

Within this report, potential locations of borrow material have been identified for future study. Whether or not a decision is made to utilize this material will depend on several factors, including technological capability (e.g. methods of dredging, ability to dredge within depth and location requirements), environmental considerations (e.g. potential impacts on hard grounds or fisheries), social considerations (e.g. public perception of beach renourishment) and economic considerations (e.g. cost of dredging and nourishment). These considerations are beyond the scope of this report.

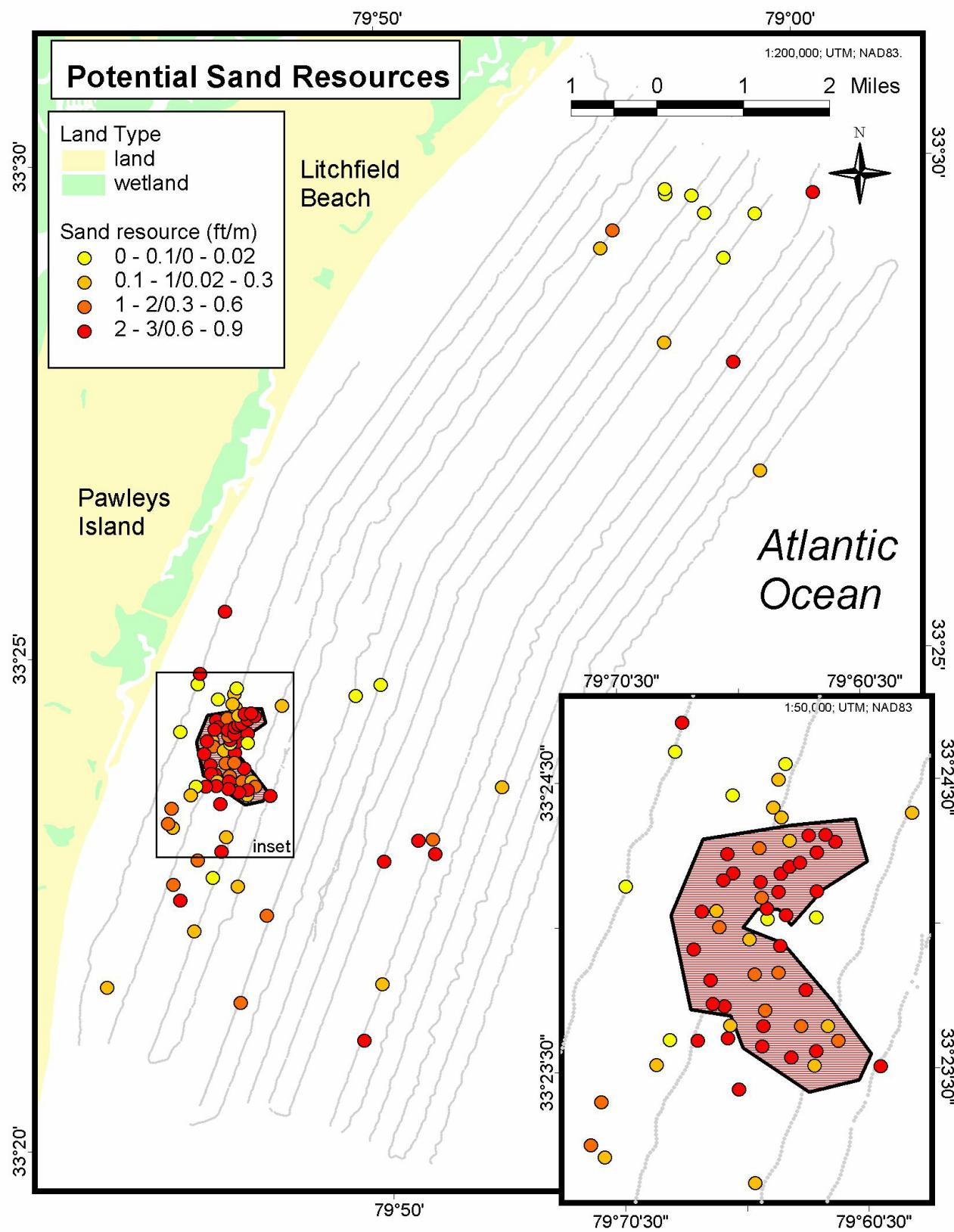


Figure 16: Potential sand resource sites (1' ft interval has the values: % mud < 10 and Ra < 1.25).

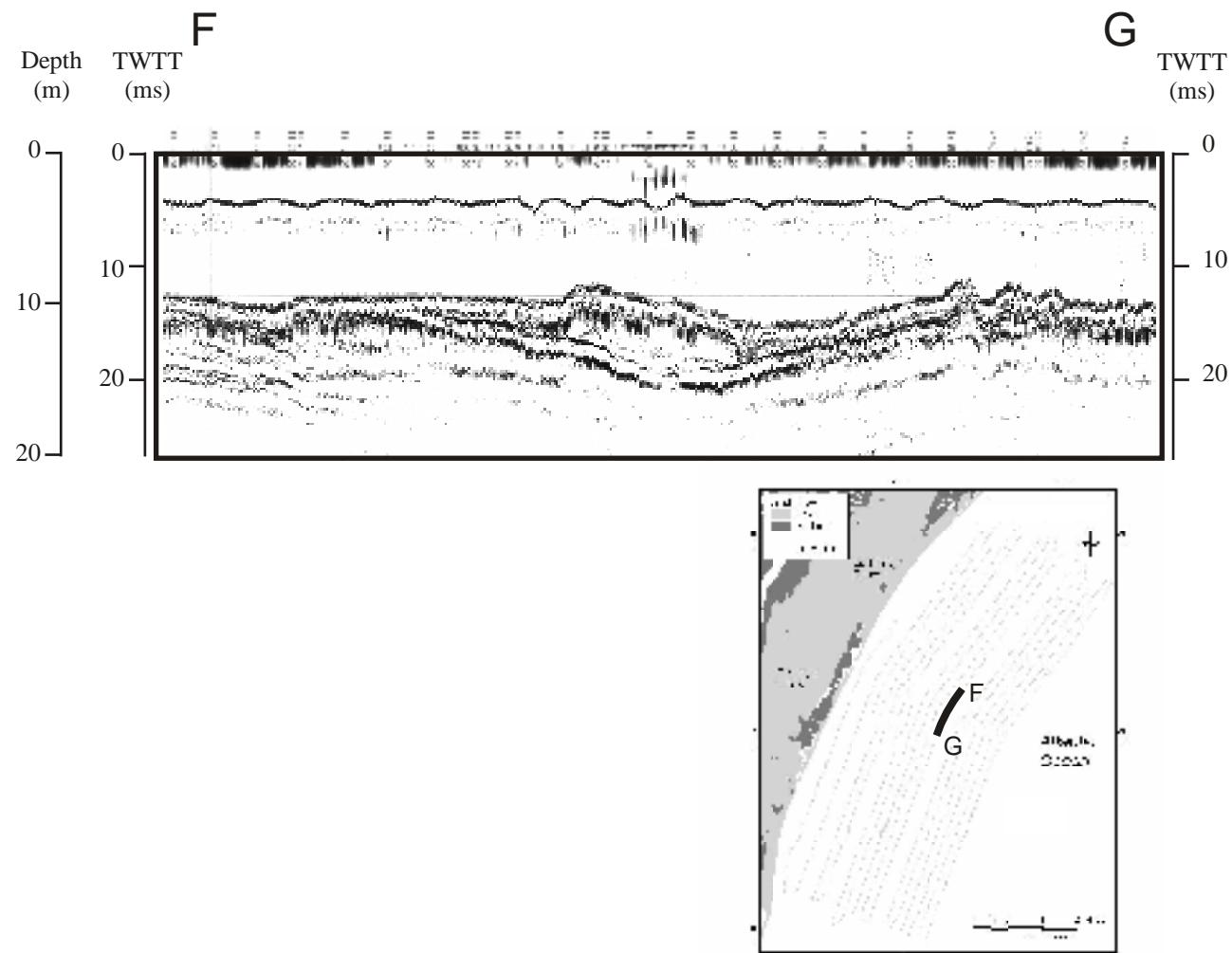


Figure 17. Potential resource site for more study.

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### **Acknowledgments**

Support was provided to this project by the INTERMAR Program of the Minerals Management Service and the US Army Corps of Engineers and was administered by the SC Department of Natural Resources-Marine Resource Division. The South Carolina Sea Grant Consortium, National Sea Grant Program and National Oceanic and Atmospheric Administration provided ship time on the NOAA Ship Ferrel in support of this project. USGS 1:100k hypsography used in Figures 1, 3-6, and 8-17 and the DEMs used in Figure 7 were provided by the South Carolina Department of Natural Resources, Water Resources Division, GIS Data Clearinghouse ([www.dnr.state.sc.us/water/nrima/gisdata](http://www.dnr.state.sc.us/water/nrima/gisdata)). NOAA point bathymetry used in Figure 2 was provided by C. Pollini of the USGS - Woods Hole Office.

We would like to thank Bob Van Dolah and Tony Giordano for their thoughtful reviews; Niel Geistra and the crews of the NOAA Ferrel and CCU Coastal II for their assistance in data collection; Amy Wolfe, Laura Iliffe, Jamie Phillips and Tara Miller for their dedicated work with core descriptions and sediment processing; and Margo Saunders for compiling core description data.

## **APPENDIX I**

### **Vibracore Location and Length**

**Vibracore Data From Seaward Of Pawleys Island**

Core ID	Date	Time (GMT)	Latitude	Longitude	Length (m)	Length (ft)	Sampling (in)
L01-01	11/30/1998	13:37:46	33.403100	-79.124900	1.98	6.50	36.00
L01-02	11/30/1998	14:10:21	33.411085	-79.121217	2.23	7.32	36.00
L01-02	11/30/1998	14:56:09	33.412792	-79.120680	2.37	7.78	36.00
L01-03	11/30/1998	15:24:20	33.423118	-79.115512	1.65	5.41	36.00
L03-01	11/30/1998	16:05:57	33.404952	-79.117652	2.54	8.33	36.00
L03-02	11/30/1998	17:05:27	33.390315	-79.126888	2.10	6.89	24.00
L03-03	11/30/1998	17:46:04	33.387048	-79.126696	1.25	4.10	19.00
L03-03	12/02/1998	17:10:01	33.387773	-79.127668	1.25	4.08	18.00
L03-04	12/02/1998	16:10:35	33.360522	-79.140345	1.47	4.81	17.00
L05-02	11/30/1998	20:45:09	33.407208	-79.107217	0.00	0.00	-9999
L05-03	11/30/1998	20:14:40	33.407042	-79.113745	0.64	2.08	9.00
L05-03	11/30/1998	19:46:27	33.409317	-79.113932	0.90	2.97	12.00
L05-04	11/30/1998	19:05:45	33.405237	-79.115382	0.88	2.89	35.00
L05-05	12/02/1998	15:36:34	33.377538	-79.126803	1.78	5.84	24.00
L05-06	11/30/1998	18:33:50	33.397462	-79.118979	1.50	4.92	36.00
L07-02	12/01/1998	22:35:33	33.369624	-79.122731	1.76	5.77	36.00
L07-02	12/01/1998	23:17:40	33.395612	-79.115170	1.62	5.31	24.00
L07-02	12/01/1998	23:47:24	33.390924	-79.117129	1.98	6.50	36.00
L07-02	12/02/1998	14:53:37	33.402640	-79.111353	2.13	6.99	36.00
L07-05	11/30/1998	21:21:58	33.429924	-79.099733	0.00	0.00	-9999
L07-07	12/02/1998	17:54:50	33.374903	-79.125477	1.92	6.30	36.00
L07-08	12/02/1998	18:22:40	33.381532	-79.121843	1.50	4.92	36.00
L09-06	12/02/1998	14:21:00	33.407200	-79.104482	1.10	3.61	36.00
L09-07	12/02/1998	13:49:43	33.392265	-79.111733	1.68	5.51	12.00
L09-08	12/01/1998	20:04:11	33.385350	-79.116102	1.50	4.92	36.00
L09-09	12/01/1998	20:29:54	33.382919	-79.117063	1.82	5.97	36.00
L09-10	12/01/1998	21:06:36	33.378598	-79.118858	1.39	4.56	36.00
L09-11	12/02/1998	20:32:35	33.369498	-79.122958	-9999	-9999	-9999
L11-02	12/02/1998	13:14:02	33.392162	-79.107033	0.91	2.99	36.00
L11-09	12/02/1998	18:54:36	33.377028	-79.113938	1.70	5.58	36.00
L13-01	12/03/1998	17:55:33	33.485865	-79.036490	0.78	2.56	31.00
L13-02	12/03/1998	18:21:22	33.482923	-79.039097	1.67	5.48	36.00
L15-01	12/03/1998	17:27:53	33.491753	-79.025835	0.62	2.03	24.00
L15-04	11/30/1998	19:05:45	33.408671	-79.089615	0.22	0.72	9.00
L15-08	12/01/1998	18:37:12	33.409317	-79.113932	-9999	-9999	-9999
L15-08	12/01/1998	18:54:20	33.372045	-79.108213	0.56	1.84	20.00
L15-11	12/01/1998	19:32:09	33.357570	-79.113750	0.90	2.95	35.00
L17-08	12/01/1998	17:11:12	33.410400	-79.084593	0.33	1.08	12.00

-9999 = no data

sampling = sed. analysis depth

**Vibracore Data From Seaward Of Pawleys Island**

Core ID	Date	Time (GMT)	Latitude	Longitude	Length (m)	Length (ft)	Sampling (in)
L17-09	12/03/1998	18:59:39	33.491465	-79.020548	1.36	4.46	36.00
L19-09	12/01/1998	16:04:06	33.419402	-79.075743	1.84	6.04	-9999
L19-16	12/03/1998	19:56:32	33.492617	-79.025858	1.68	5.51	36.00
L19-17	12/03/1998	19:26:44	33.488493	-79.018042	1.84	6.04	36.00
L23-03	12/01/1998	15:09:52	33.380778	-79.084590	0.82	2.69	34.00
L23-13	12/03/1998	20:34:56	33.466925	-79.026555	0.62	2.03	24.00
L23-18	12/03/1998	21:06:04	33.480975	-79.014400	1.60	5.25	36.00
L23-20	12/03/1998	21:39:26	33.488278	-79.007943	0.64	2.10	24.00
L27-01	12/04/1998	15:55:59	33.491670	-78.996325	0.85	2.79	33.00
L27-02	12/04/1998	15:00:00	33.463858	-79.018188	-9999	-9999	-9999
L27-02	12/04/1998	15:14:45	33.463890	-79.018162	-9999	-9999	-9999
L27-07	12/01/1998	13:13:38	33.384280	-79.074673	0.48	1.57	19.00
L27-09	12/01/1998	13:52:07	33.360260	-79.085362	1.30	4.27	36.00
L27-10	12/01/1998	14:26:51	33.350788	-79.089198	1.98	6.50	36.00
L29-09	12/04/1998	14:31:29	33.463450	-79.012855	1.93	6.33	36.00
L31-05	12/04/1998	18:04:14	33.392868	-79.060737	1.18	3.87	35.00
L37-03	12/04/1998	13:55:10	33.445195	-79.007957	0.74	2.41	29.00
PI-01	03/21/1999	0:00:00	33.410230	-79.113400	1.75	5.74	10.00
PI-02	03/21/1999	13:59:00	33.407650	-79.114320	0.65	2.13	5.00
PI-03	03/21/1999	14:34:30	33.408419	-79.117187	2.65	8.69	0.00
PI-04	03/22/1999	17:05:00	33.407048	-79.117092	1.22	4.00	-9999
PI-05b	03/22/1999	17:49:00	33.403780	-79.117237	1.80	5.91	36.00
PI-06	03/22/1999	18:17:00	33.401550	-79.118490	1.08	3.54	12.00
PI-07	03/22/1999	18:49:00	33.400605	-79.118290	1.27	4.17	36.00
PI-08	03/22/1999	19:18:00	33.399832	-79.116168	1.01	3.31	12.00
PI-09	03/22/1999	19:46:00	33.399430	-79.114000	2.02	6.63	36.00
PI-10	03/22/1999	20:18:00	33.401250	-79.113535	1.93	6.33	36.00
PI-11	03/22/1999	20:48:00	33.401013	-79.114880	0.49	1.61	12.00
PI-12	03/22/1999	21:15:00	33.401635	-79.114925	0.94	3.08	36.00
PI-13	03/23/1999	14:11:00	33.402312	-79.115255	1.15	3.77	36.00
PI-14	03/23/1999	14:40:00	33.403232	-79.115323	2.11	6.92	36.00
PI-15	03/23/1999	15:11:00	33.402620	-79.114060	1.47	4.83	30.00
PI-16	03/23/1999	15:37:00	33.403710	-79.113870	1.53	5.02	36.00
PI-17	03/23/1999	16:07:00	33.404110	-79.113265	1.79	5.87	36.00
PI-18	03/23/1999	17:18:00	33.404340	-79.112508	1.34	4.40	36.00
PI-19	03/23/1999	17:48:00	33.405670	-79.113220	1.81	5.94	36.00
PI-20B	03/23/1999	18:31:00	33.404950	-79.111285	1.60	5.25	36.00
PI-21	03/23/1999	19:01:00	33.405956	-79.111850	1.63	5.35	36.00

-9999 = no data

sampling = sed. analysis depth

**Vibracore Data From Seaward Of Pawleys Island**

Core ID	Date	Time (GMT)	Latitude	Longitude	Length (m)	Length (ft)	Sampling (in)
PI-22	03/23/1999	19:30:00	33.405538	-79.109950	1.11	3.64	36.00
PI-23	03/23/1999	19:58:00	33.405985	-79.110650	1.32	4.33	36.00
PI-24	03/23/1999	20:24:00	33.405960	-79.111517	1.98	6.50	-9999
PI-25	03/23/1999	20:59:00	33.396778	-79.112233	1.99	6.53	36.00
PI-26	03/23/1999	21:21:00	33.397747	-79.115865	1.99	6.53	36.00
PI-27	03/24/1999	14:06:30	33.395878	-79.118042	1.27	4.17	36.00
PI-28	03/24/1999	14:25:03	33.396050	-79.118846	1.73	5.68	36.00
PI-29	03/24/1999	14:51:44	33.394743	-79.117630	0.85	2.79	4.50
PI-30	03/24/1999	15:22:00	33.394690	-79.115287	1.90	6.23	36.00
PI-31	03/24/1999	15:48:00	33.394633	-79.112617	1.24	4.07	21.00
PI-32	03/24/1999	16:12:00	33.394600	-79.110742	1.35	4.43	34.00
PI-33	03/24/1999	17:54:00	33.393740	-79.110017	0.66	2.17	19.00
PI-34	03/25/1999	13:42:53	33.393145	-79.111590	1.09	3.58	36.00
PI-35	03/25/1999	14:14:24	33.392790	-79.113363	0.97	3.18	36.00
PI-36	03/25/1999	14:46:42	33.393470	-79.115417	1.71	5.61	36.00
PI-37	03/25/1999	15:10:17	33.393970	-79.117842	1.77	5.81	36.00
PI-38	03/25/1999	15:34:47	33.393890	-79.119958	1.82	5.97	36.00
PI-39	03/25/1999	16:00:21	33.393937	-79.121953	2.21	7.25	24.00
PI-40	03/25/1999	17:35:47	33.392485	-79.122945	1.66	5.45	24.00
PI-41	03/25/1999	18:07:00	33.397830	-79.114180	2.00	6.56	36.00
PI-42	03/25/1999	19:02:40	33.399320	-79.120160	1.05	3.44	36.00
PI-43	03/25/1999	19:27:23	33.401530	-79.119528	1.49	4.88	36.00
PI-44	03/25/1999	19:53:38	33.403378	-79.117960	2.07	6.79	36.00
PI-45	03/25/1999	20:24:20	33.401065	-79.111405	1.33	4.36	36.00
PI-46	03/29/1999	17:11:49	33.381839	-79.074280	0.96	3.15	36.00
PI-47	03/29/1999	17:57:58	33.381496	-9999	0.00	0.00	-9999
PI-48	03/29/1999	23:13:09	33.384133	-79.077625	1.67	5.48	36.00
PI-49	03/29/1999	23:35:34	33.380387	-79.079109	0.00	0.00	-9999

-9999 = no data

sampling = sed. analysis depth

**APPENDIX II**

**Sediment Analysis  
for  
0-1 in, 0-1 ft, 1-2 ft and 2-3 ft intervals**

Data not available is indicated by -9999 (use of -9999 is often the result of core length being shorter than analysis interval).

**Bulk Sed. Analysis For 0-1" Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (%)
L01-01	1.124	-0.169	1.364	23	77	0	42
L01-02a	0.175	2.517	0.785	0	96	4	13
L01-02b	0.227	2.139	0.813	0	98	1	13
L01-03	1.038	-0.054	1.752	35	63	2	51
L03-01	0.686	0.544	1.164	4	93	3	10
L03-02	0.472	1.084	1.290	8	91	2	16
L03-03a	0.363	1.461	1.307	6	93	1	17
L03-03b	0.242	2.048	1.112	4	95	1	13
L03-04	0.249	2.003	1.657	6	84	9	26
L05-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-03a	0.656	0.608	1.408	13	85	2	12
L05-03b	1.150	-0.201	0.891	6	93	0	10
L05-04	0.662	0.595	1.683	15	82	3	13
L05-05b	0.414	1.271	1.368	3	91	5	16
L05-06	0.282	1.827	1.260	1	96	3	32
L07-02	0.236	2.086	1.215	3	95	3	20
L07-02a	1.105	-0.144	1.668	38	62	0	29
L07-02b	1.063	-0.089	1.682	27	70	3	22
L07-02c	0.210	2.252	1.540	5	84	12	31
L07-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L07-07	0.485	1.043	1.346	5	92	4	22
L07-08	0.212	2.237	1.746	3	79	18	40
L09-06	0.346	1.531	1.559	15	84	1	27
L09-07	0.383	1.383	1.539	9	89	2	24
L09-08	0.835	0.260	1.428	16	82	2	20
L09-09	0.349	1.518	1.546	7	90	3	28
L09-10	0.642	0.640	1.714	16	81	3	26
L09-11b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L11-02	0.415	1.270	1.819	17	82	1	33
L11-09	1.052	-0.072	1.794	33	66	1	45
L13-01	0.159	2.651	0.957	0	92	8	19
L13-02	1.679	-0.748	1.573	54	45	1	84
L15-01	0.267	1.905	0.871	0	97	3	20
L15-04	0.384	1.382	1.974	17	78	5	31
L15-08a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L15-08b	0.349	1.519	1.253	4	95	1	14
L15-11	0.646	0.631	1.358	12	87	1	25
L17-08	0.250	2.001	1.241	4	95	1	32
L17-09	0.168	2.570	0.654	0	97	3	6

-9999 = no data

**Bulk Sed. Analysis For 0-1" Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (%)
L19-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L19-16	0.179	2.480	0.726	0	98	2	6
L19-17	0.173	2.530	0.700	1	98	1	6
L23-03	0.597	0.744	1.238	10	89	0	22
L23-13	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L23-18	0.235	2.092	1.199	4	95	1	13
L23-20	0.220	2.183	1.062	2	96	2	11
L27-01	0.223	2.167	0.566	0	99	1	5
L27-02a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-02b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-07	0.522	0.937	1.349	8	91	1	30
L27-09	0.669	0.580	1.405	13	87	0	38
L27-10	0.244	2.036	0.955	2	97	2	13
L29-09	0.265	1.914	0.950	2	97	1	11
L31-05	0.863	0.212	1.166	5	94	0	26
L37-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-01	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-02	0.571	0.809	1.164	5	95	0	10
PI-03	0.325	1.620	1.795	7	83	11	30
PI-04	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-05b	0.248	2.013	0.909	1	96	3	18
PI-06	0.356	1.491	1.216	1	97	2	16
PI-07	0.546	0.872	1.490	8	91	1	18
PI-08	0.785	0.349	1.811	25	74	0	30
PI-09	0.237	2.078	1.483	6	89	5	30
PI-10	0.229	2.125	1.041	2	97	1	19
PI-11	0.737	0.440	1.288	11	89	0	82
PI-12	1.144	-0.194	2.038	43	56	1	13
PI-13	0.584	0.775	1.797	19	78	3	38
PI-14	0.298	1.745	1.530	9	89	1	25
PI-15	0.378	1.403	1.382	7	91	2	22
PI-16	0.670	0.579	1.502	16	83	1	46
PI-17	0.271	1.886	1.214	3	94	2	20
PI-18	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-19	0.860	0.217	1.748	28	71	0	37
PI-20B	0.852	0.231	1.101	11	89	0	19
PI-21	0.352	1.507	1.599	11	88	1	31
PI-22	1.092	-0.128	1.468	30	70	1	46
PI-23	0.437	1.196	1.727	14	84	2	33

-9999 = no data

**Bulk Sed. Analysis For 0-1" Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (%)
PI-24	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-25	0.440	1.184	1.767	17	81	2	42
PI-26	0.580	0.786	1.615	14	85	1	31
PI-27	0.962	0.055	1.463	26	74	0	32
PI-28	0.507	0.981	1.557	12	87	1	29
PI-29	1.058	-0.081	1.634	30	70	1	23
PI-30	0.485	1.044	1.857	21	79	0	90
PI-31	0.556	0.846	1.704	16	81	3	43
PI-32	0.911	0.134	2.043	34	63	3	24
PI-33	0.284	1.815	0.791	0	99	1	24
PI-34	0.838	0.255	0.975	3	96	1	15
PI-35	0.525	0.929	1.501	12	87	1	16
PI-36	0.726	0.463	1.618	19	79	2	33
PI-37	0.586	0.771	1.252	10	89	1	12
PI-38	0.985	0.021	1.426	23	76	1	31
PI-39	0.214	2.228	0.749	1	100	-1	10
PI-40	0.697	0.521	1.414	14	86	0	22
PI-41	0.603	0.730	1.803	21	77	2	24
PI-42	0.316	1.664	1.172	1	98	1	7
PI-43	0.426	1.230	0.912	1	99	0	6
PI-44	0.402	1.316	1.215	2	97	1	14
PI-45	0.221	2.178	1.239	4	96	0	88
PI-46	0.291	1.779	1.150	4	96	0	29
PI-47	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-48	0.195	2.359	0.739	0	98	1	27
PI-49	-9999	-9999	-9999	-9999	-9999	-9999	-9999

-9999 = no data

**Bulk Sed. Analysis For 0-1' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (%)
L01-01	0.388	1.365	2.102	18	75	7	27
L01-02a	0.278	1.848	1.581	8	88	4	24
L01-02b	0.421	1.247	1.587	10	87	2	24
L01-03	1.058	-0.081	1.935	37	59	3	54
L03-01	0.451	1.148	1.315	4	95	1	13
L03-02	0.529	0.920	1.483	12	86	2	19
L03-03a	0.359	1.480	1.267	5	93	1	16
L03-03b	0.292	1.774	1.150	2	95	2	17
L03-04	1.398	-0.484	2.138	50	46	3	49
L05-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-03a	0.600	0.736	1.320	9	90	1	11
L05-03b	0.921	0.119	1.559	14	82	4	16
L05-04	0.437	1.196	1.874	17	81	2	32
L05-05b	0.473	1.081	1.541	7	88	5	23
L05-06	0.656	0.607	1.724	19	78	3	35
L07-02	0.363	1.462	1.839	13	84	3	26
L07-02a	0.433	1.208	1.743	17	81	2	23
L07-02b	0.476	1.070	1.823	18	80	2	24
L07-02c	0.950	0.074	2.215	44	54	2	58
L07-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L07-07	0.640	0.645	1.352	9	89	2	22
L07-08	0.966	0.050	1.533	20	78	2	32
L09-06	0.445	1.167	1.866	19	78	2	48
L09-07	0.394	1.344	1.715	12	85	3	23
L09-08	0.491	1.025	1.902	14	82	5	26
L09-09	0.523	0.936	1.559	10	88	2	25
L09-10	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L09-11b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L11-02	0.451	1.148	1.973	22	76	2	32
L11-09	0.521	0.942	1.807	17	82	1	37
L13-01	0.171	2.550	0.814	0	94	6	15
L13-02	0.826	0.276	1.926	33	64	2	63
L15-01	0.201	2.315	0.965	1	96	3	10
L15-04	0.208	2.263	2.274	14	65	21	53
L15-08a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L15-08b	0.387	1.371	1.522	7	89	4	8
L15-11	0.426	1.230	1.512	8	89	3	31
L17-08	0.264	1.924	2.046	12	75	13	45
L17-09	0.206	2.277	1.285	4	93	3	14

-9999 = no data

**Bulk Sed. Analysis For 0-1' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (%)
L19-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L19-16	0.199	2.328	0.950	2	96	2	9
L19-17	0.193	2.370	0.880	1	96	3	9
L23-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L23-13	0.810	0.304	1.753	24	74	2	51
L23-18	0.307	1.703	1.656	9	87	3	26
L23-20	0.196	2.354	0.843	1	97	2	9
L27-01	0.231	2.117	0.967	2	95	4	10
L27-02a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-02b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-07	0.448	1.158	1.524	8	90	3	37
L27-09	0.624	0.679	1.703	17	81	2	46
L27-10	0.253	1.986	1.096	3	96	1	13
L29-09	0.320	1.645	1.183	6	94	0	15
L31-05	0.433	1.207	1.768	13	85	2	32
L37-03	0.300	1.735	1.213	5	93	1	13
PI-01	0.377	1.408	2.544	19	54	27	40
PI-02	0.562	0.831	1.394	8	88	4	13
PI-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-04	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-05b	0.405	1.303	1.274	4	95	0	22
PI-06	0.528	0.921	1.649	12	85	2	25
PI-07	0.327	1.612	1.239	1	98	1	14
PI-08	0.516	0.953	1.790	17	81	2	27
PI-09	0.357	1.486	1.686	14	85	1	29
PI-10	0.345	1.534	1.521	12	88	1	25
PI-11	0.369	1.439	2.001	12	77	11	28
PI-12	0.351	1.512	1.537	6	86	7	15
PI-13	0.465	1.105	2.140	23	72	5	31
PI-14	0.548	0.867	2.103	28	71	1	33
PI-15	0.703	0.508	1.956	56	70	5	36
PI-16	0.925	0.112	1.888	33	65	2	42
PI-17	0.746	0.423	2.023	32	66	2	29
PI-18	0.820	0.286	1.796	27	71	3	25
PI-19	0.911	0.134	2.061	37	63	1	38
PI-20B	1.267	-0.342	1.672	35	63	1	28
PI-21	0.374	1.418	1.764	15	84	1	32
PI-22	0.630	0.667	1.864	24	76	1	30
PI-23	0.529	0.919	1.726	16	82	2	40

-9999 = no data

**Bulk Sed. Analysis For 0-1' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (%)
PI-24	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-25	0.548	0.869	2.034	25	72	2	45
PI-26	0.571	0.809	1.592	13	86	1	32
PI-27	0.380	1.396	1.631	13	86	1	22
PI-28	0.781	0.357	1.645	24	76	0	34
PI-29	0.630	0.667	1.895	21	72	8	30
PI-30	0.672	0.574	1.924	30	70	0	90
PI-31	0.478	1.065	1.840	17	79	4	39
PI-32	0.727	0.460	1.578	17	80	2	17
PI-33	0.415	1.267	0.819	1	99	0	24
PI-34	1.066	-0.092	1.688	28	70	2	28
PI-35	0.751	0.413	1.933	26	70	4	28
PI-36	0.543	0.880	1.833	17	81	2	31
PI-37	0.562	0.832	1.195	7	92	1	12
PI-38	0.770	0.377	1.619	21	78	1	30
PI-39	0.203	2.298	1.284	2	89	10	21
PI-40	0.401	1.318	1.691	10	86	4	22
PI-41	0.637	0.650	1.574	16	81	2	14
PI-42	0.471	1.086	1.591	9	87	4	22
PI-43	0.488	1.034	1.199	5	95	0	9
PI-44	0.465	1.106	1.285	4	95	1	13
PI-45	0.253	1.983	1.486	7	90	3	27
PI-46	0.316	1.664	1.319	5	94	0	30
PI-47	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-48	0.353	1.503	1.185	2	97	2	34
PI-49	-9999	-9999	-9999	-9999	-9999	-9999	-9999

-9999 = no data

**Bulk Sed. Analysis For 1-2' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (%)
L01-01	0.154	2.704	0.890	0	92	8	11
L01-02a	0.660	0.599	2.195	30	66	5	40
L01-02b	0.618	0.695	1.820	21	77	2	29
L01-03	0.429	1.223	1.643	11	86	3	16
L03-01	0.343	1.546	1.247	2	96	2	15
L03-02	0.373	1.423	1.365	6	92	2	17
L03-03a	0.211	2.245	1.486	3	87	10	30
L03-03b	0.260	1.942	1.149	3	95	2	13
L03-04	0.092	3.449	1.929	5	51	44	47
L05-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-03a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-03b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-04	0.423	1.241	1.916	22	75	3	27
L05-05b	0.521	0.941	1.988	19	74	7	37
L05-06	0.652	0.618	1.953	28	68	4	41
L07-02	0.299	1.744	1.496	6	92	2	28
L07-02a	0.300	1.736	1.514	6	91	3	20
L07-02b	0.579	0.790	1.862	18	79	3	47
L07-02c	0.381	1.391	1.392	19	78	3	36
L07-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L07-07	0.709	0.497	1.588	16	82	2	32
L07-08	0.594	0.752	1.719	10	85	5	27
L09-06	0.342	1.549	1.812	14	83	4	39
L09-07	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L09-08	0.319	1.647	1.770	6	86	8	21
L09-09	0.667	0.585	1.678	18	80	2	29
L09-10	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L09-11b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L11-02	0.658	0.604	1.987	28	69	3	36
L11-09	0.257	1.962	1.374	6	92	2	24
L13-01	0.289	1.791	1.349	5	93	1	22
L13-02	0.252	1.989	1.382	6	91	4	23
L15-01	0.310	1.689	1.626	9	88	4	19
L15-04	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L15-08a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L15-08b	0.521	0.940	1.988	22	74	4	28
L15-11	0.368	1.443	1.583	9	89	2	24
L17-08	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L17-09	0.450	1.151	1.952	18	77	5	42

-9999 = no data

**Bulk Sed. Analysis For 1-2' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (%)
L19-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L19-16	0.179	2.484	1.035	2	94	4	11
L19-17	0.275	1.861	1.759	11	85	4	22
L23-03	0.588	0.766	2.045	25	73	3	39
L23-13	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L23-18	0.618	0.694	1.933	21	74	5	50
L23-20	0.243	2.039	1.532	7	89	3	18
L27-01	0.286	1.806	0.939	2	96	1	9
L27-02a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-02b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-07	0.406	1.301	1.954	16	79	5	31
L27-09	0.269	1.896	1.362	6	90	4	15
L27-10	0.302	1.729	1.233	5	93	1	18
L29-09	0.281	1.830	1.186	5	94	1	10
L31-05	0.259	1.951	1.434	5	91	4	30
L37-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-01	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-04	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-05b	0.324	1.625	1.148	2	98	0	15
PI-06	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-07	0.325	1.622	1.909	11	81	8	22
PI-08	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-09	0.697	0.522	1.898	25	73	1	42
PI-10	0.654	0.613	1.985	27	71	2	41
PI-11	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-12	0.491	1.026	1.708	13	82	5	10
PI-13	0.655	0.612	1.762	16	78	7	10
PI-14	0.517	0.952	1.866	19	80	1	24
PI-15	0.437	1.196	1.081	3	95	2	6
PI-16	0.634	0.658	1.787	19	77	4	28
PI-17	0.635	0.655	1.864	22	74	4	25
PI-18	0.320	1.643	1.229	2	93	5	12
PI-19	0.288	1.797	1.547	9	89	1	32
PI-20B	1.293	-0.370	1.887	42	56	2	37
PI-21	0.370	1.436	1.754	15	83	2	37
PI-22	0.729	0.456	1.851	26	73	1	30
PI-23	1.082	-0.114	1.808	34	64	2	33

-9999 = no data

**Bulk Sed. Analysis For 1-2' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (%)
PI-24	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-25	0.596	0.748	1.853	23	76	1	39
PI-26	0.554	0.851	1.763	18	81	1	40
PI-27	0.299	1.744	1.550	9	89	2	23
PI-28	0.566	0.822	1.753	22	78	0	28
PI-29	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-30	0.562	0.832	1.781	21	79	0	90
PI-31	0.708	0.497	1.787	19	76	5	25
PI-32	0.268	1.899	1.471	2	88	10	15
PI-33	1.208	-0.272	1.460	35	65	0	40
PI-34	0.569	0.813	1.344	8	89	3	8
PI-35	0.619	0.693	1.246	7	90	2	7
PI-36	0.494	1.017	1.255	6	93	2	5
PI-37	0.528	0.923	1.300	11	89	0	18
PI-38	0.738	0.439	1.915	26	74	0	45
PI-39	0.404	1.306	1.782	11	82	6	19
PI-40	0.530	0.915	2.476	27	59	14	42
PI-41	0.403	1.312	1.646	5	87	9	16
PI-42	0.644	0.636	1.230	4	94	2	5
PI-43	0.403	1.313	1.525	8	89	2	14
PI-44	0.430	1.218	1.276	3	97	1	15
PI-45	0.409	1.289	1.801	14	82	3	27
PI-46	0.294	1.767	1.373	5	94	1	30
PI-47	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-48	0.709	0.495	1.196	8	91	0	32
PI-49	-9999	-9999	-9999	-9999	-9999	-9999	-9999

-9999 = no data

**Bulk Sed. Analysis For 2-3' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (%)
L01-01	0.187	2.418	1.161	1	90	8	13
L01-02a	0.575	0.798	2.081	23	71	6	35
L01-02b	0.364	1.457	1.647	10	87	3	22
L01-03	0.819	0.288	1.984	30	66	4	28
L03-01	0.859	0.219	2.622	43	46	11	49
L03-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L03-03a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L03-03b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L03-04	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-03a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-03b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-04	0.289	1.793	1.670	11	87	2	24
L05-05b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-06	0.448	1.158	1.898	17	79	4	30
L07-02	0.357	1.484	1.616	9	88	3	41
L07-02a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L07-02b	0.489	1.033	2.228	23	70	7	27
L07-02c	0.408	1.292	2.007	20	78	1	39
L07-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L07-07	0.703	0.508	1.456	11	86	2	37
L07-08	0.175	2.518	1.607	4	82	14	24
L09-06	0.463	1.110	2.047	21	75	4	49
L09-07	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L09-08	0.096	3.381	2.270	9	38	53	59
L09-09	0.398	1.329	1.855	15	82	3	34
L09-10	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L09-11b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L11-02	0.750	0.415	1.868	23	74	3	44
L11-09	0.369	1.439	2.211	17	72	11	39
L13-01	0.323	1.629	1.763	10	85	5	33
L13-02	0.247	2.016	1.218	4	95	2	15
L15-01	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L15-04	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L15-08a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L15-08b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L15-11	0.333	1.586	2.279	18	68	14	26
L17-08	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L17-09	0.522	0.939	2.273	26	68	5	31

-9999 = no data

**Bulk Sed. Analysis For 2-3' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (%)
L19-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L19-16	0.312	1.680	1.694	10	87	3	22
L19-17	0.613	0.706	2.062	25	69	5	41
L23-03	0.307	1.705	1.626	10	78	2	22
L23-13	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L23-18	0.262	1.933	2.317	12	65	23	40
L23-20	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-01	0.241	2.052	0.876	2	97	0	7
L27-02a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-02b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-07	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-10	0.261	1.936	1.228	4	94	2	20
L29-09	0.225	2.152	0.868	2	97	1	8
L31-05	0.501	0.997	2.046	20	73	6	31
L37-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-01	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-04	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-05b	0.421	1.249	1.359	4	94	1	14
PI-06	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-07	0.212	2.238	1.123	1	95	5	8
PI-08	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-09	0.475	1.074	1.867	19	80	1	37
PI-10	0.413	1.276	1.745	14	85	1	24
PI-11	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-12	0.833	0.264	1.614	26	72	2	9
PI-13	0.259	1.948	2.412	13	59	28	39
PI-14	0.266	1.910	1.425	5	91	3	12
PI-15	0.537	0.897	1.786	14	79	6	21
PI-16	0.536	0.901	1.337	6	91	3	9
PI-17	0.643	0.637	1.025	4	95	1	11
PI-18	0.562	0.831	1.241	6	92	2	13
PI-19	0.424	1.239	1.881	18	80	1	38
PI-20B	1.104	-0.142	1.767	33	65	2	36
PI-21	0.463	1.111	1.753	16	82	2	17
PI-22	0.839	0.254	2.095	34	62	4	35
PI-23	0.844	0.244	1.706	22	75	3	21

-9999 = no data

**Bulk Sed. Analysis For 2-3' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (%)
PI-24	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-25	0.642	0.639	1.971	28	72	0	93
PI-26	0.285	1.813	1.558	8	91	1	26
PI-27	0.364	1.457	1.228	5	94	2	14
PI-28	0.388	1.365	1.741	14	85	1	29
PI-29	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-30	0.350	1.515	1.558	10	90	0	88
PI-31	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-32	0.367	1.447	1.139	2	96	3	5
PI-33	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-34	0.551	0.861	1.376	6	91	4	10
PI-35	0.623	0.682	1.287	6	92	2	5
PI-36	0.602	0.733	1.079	6	94	0	1
PI-37	0.387	1.370	1.056	2	94	3	7
PI-38	0.826	0.276	2.296	38	57	5	41
PI-39	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-40	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-41	0.234	2.095	2.104	8	68	24	28
PI-42	0.527	0.924	1.385	3	92	5	8
PI-43	0.436	1.197	1.312	6	92	2	6
PI-44	0.579	0.789	1.193	2	95	1	11
PI-45	0.449	1.154	1.185	5	93	3	9
PI-46	0.494	1.018	1.874	18	79	2	27
PI-47	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-48	0.759	0.399	1.354	14	86	0	31
PI-49	-9999	-9999	-9999	-9999	-9999	-9999	-9999

-9999 = no data

**Carb. Free Sed. Anal. For 0-1" Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
L01-01	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L01-02a	0.742	0.430	1.188	9	91	0	42
L01-02b	0.164	2.605	0.721	0	96	4	13
L01-03	0.201	2.313	0.687	0	98	2	13
L03-01	0.522	0.939	1.646	12	83	4	51
L03-02	0.915	0.128	1.139	3	94	3	10
L03-03a	0.405	1.304	1.121	3	95	2	17
L03-03b	0.295	1.763	0.944	0	98	1	16
L03-04	0.208	2.265	0.961	0	97	3	13
L05-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-03a	0.623	0.682	1.396	11	96	3	12
L05-03b	0.635	0.654	1.712	14	83	3	13
L05-04	0.371	1.431	1.403	2	91	7	16
L05-05b	0.512	0.965	1.843	17	78	4	35
L05-06	0.290	1.786	1.714	10	87	4	26
L07-02	0.348	1.525	1.626	13	84	3	23
L07-02a	0.313	1.677	1.732	8	86	5	47
L07-02b	0.193	2.374	1.254	5	90	5	36
L07-02c	0.483	1.051	1.375	4	93	3	32
L07-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L07-07	0.484	1.048	1.697	5	88	7	27
L07-08	0.162	2.623	0.783	0	94	6	39
L09-06	0.772	0.374	1.442	14	83	3	20
L09-07	0.268	1.902	1.402	3	92	4	28
L09-08	0.555	0.849	1.712	13	83	4	26
L09-09	0.481	1.057	1.852	12	84	4	44
L09-10	0.182	2.462	1.642	3	82	16	39
L09-11b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L11-02	0.190	2.397	1.199	2	92	6	33
L11-09	0.199	2.327	0.807	0	98	2	15
L13-01	0.345	1.537	1.787	14	80	6	31
L13-02	0.292	1.777	1.136	2	93	5	28
L15-01	0.260	1.942	2.355	16	64	20	26
L15-04	0.174	2.525	0.718	0	96	3	14
L15-08a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L15-08b	0.200	2.326	0.755	0	98	2	9
L15-11	0.177	2.497	0.703	0	97	3	9

-9999 = no data

**Carb. Free Sed. Anal. For 0-1" Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
L17-08	0.192	2.385	0.810	0	97	3	22
L17-09	0.194	2.367	1.006	0	95	4	26
L19-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L19-16	0.189	2.403	0.614	0	98	2	9
L19-17	0.293	1.772	0.639	0	99	1	9
L23-03	0.280	1.837	1.816	10	84	7	31
L23-13	0.209	2.262	0.704	0	98	2	13
L23-18	0.229	2.125	0.599	0	99	1	11
L23-20	0.241	2.052	0.668	0	99	2	13
L27-01	0.336	1.573	2.048	13	78	9	31
L27-02a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-02b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-07	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-10	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L29-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L31-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L37-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-01	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-02	0.552	0.856	1.171	4	95	1	10
PI-03	0.273	1.876	1.822	5	81	13	30
PI-04	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-05b	0.219	2.190	0.790	0	96	4	18
PI-06	0.331	1.595	1.194	1	97	2	16
PI-07	0.439	1.188	1.304	2	97	1	18
PI-08	0.468	1.094	1.319	7	93	1	30
PI-09	0.152	2.714	0.828	0	93	6	30
PI-10	0.191	2.385	0.700	1	98	1	19
PI-11	0.660	0.599	1.245	7	93	0	82
PI-12	1.031	-0.043	2.098	40	58	1	13
PI-13	0.346	1.530	1.600	7	88	4	38
PI-14	0.194	2.367	0.983	2	96	1	25
PI-15	0.288	1.796	1.023	1	97	2	22
PI-16	0.393	1.349	1.322	4	94	3	46
PI-17	0.219	2.192	0.940	1	94	3	20
PI-18	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-19	0.631	0.664	1.805	22	77	1	37

-9999 = no data

**Carb. Free Sed. Anal. For 0-1" Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
PI-20B	0.766	0.384	1.014	7	93	0	19
PI-21	0.603	0.729	1.280	8	90	2	36
PI-22	0.801	0.320	1.606	23	75	1	46
PI-23	0.270	1.891	1.237	3	95	3	33
PI-24	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-25	0.203	2.303	0.941	1	96	3	42
PI-26	0.408	1.294	1.496	6	93	1	31
PI-27	0.754	0.408	1.471	18	82	0	32
PI-28	0.383	1.386	1.474	7	91	2	29
PI-29	0.720	0.475	1.476	16	83	1	23
PI-30	0.222	2.173	0.985	2	96	1	90
PI-31	0.222	2.171	1.407	5	87	78	43
PI-32	0.648	0.626	2.132	27	68	5	24
PI-33	0.254	1.975	0.736	0	99	1	24
PI-34	0.829	0.270	0.993	3	96	1	15
PI-35	0.424	1.237	1.822	7	91	2	16
PI-36	0.523	0.936	1.770	15	81	4	33
PI-37	0.489	1.031	1.080	5	94	1	12
PI-38	0.914	0.130	1.511	23	76	1	31
PI-39	0.199	2.333	0.672	0	100	-1	10
PI-40	0.475	1.073	1.094	2	98	0	22
PI-41	0.428	1.225	1.798	16	81	3	21
PI-42	0.302	1.727	1.162	0	98	2	7
PI-43	0.431	1.215	0.909	0	99	0	6
PI-44	0.390	1.358	1.212	1	98	1	14
PI-45	0.171	2.552	0.653	0	100	0	88
PI-46	0.211	2.247	0.659	0	100	0	29
PI-47	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-48	0.170	2.556	0.573	0	98	2	27
PI-49	-9999	-9999	-9999	-9999	-9999	-9999	-9999

-9999 = no data

**Carb. Free Sed. Anal. For 0-1' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
L01-01	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L01-02a	0.248	2.012	1.868	9	81	10	27
L01-02b	0.195	2.361	1.063	1	93	6	24
L01-03	0.311	1.686	1.686	3	94	3	24
L03-01	0.484	1.047	1.842	13	80	7	54
L03-02	0.427	1.228	1.299	3	96	2	13
L03-03a	0.413	1.277	1.192	5	93	2	19
L03-03b	0.163	2.620	1.307	0	86	14	30
L03-04	0.136	2.877	1.085	0	85	15	26
L05-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-03a	0.583	0.778	1.319	8	91	1	11
L05-03b	0.316	1.662	1.631	10	87	3	32
L05-04	0.365	1.456	1.456	1	92	8	23
L05-05b	0.499	1.002	2.125	31	63	6	41
L05-06	0.224	2.156	1.175	1	95	3	28
L07-02	0.249	2.007	1.279	2	95	4	20
L07-02a	0.291	1.782	1.971	11	79	10	27
L07-02b	0.176	2.503	0.741	0	97	2	39
L07-02c	0.332	1.592	1.379	1	95	4	37
L07-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L07-07	0.126	2.991	1.226	0	82	18	24
L07-08	0.170	2.556	0.986	1	92	7	49
L09-06	0.393	1.346	1.848	9	84	7	26
L09-07	0.451	1.148	1.533	8	89	2	25
L09-08	0.229	2.126	1.170	4	95	2	33
L09-09	0.604	0.728	1.693	15	84	2	45
L09-10	0.148	2.753	0.837	0	91	9	19
L09-11b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L11-02	0.262	1.931	1.108	1	92	7	84
L11-09	0.181	2.468	0.738	0	96	4	20
L13-01	0.114	3.139	2.266	11	49	41	53
L13-02	0.531	0.914	1.205	4	94	2	25
L15-01	0.169	2.567	0.574	0	99	1	32
L15-04	0.239	2.063	1.629	6	85	8	42
L15-08a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L15-08b	0.163	2.617	0.764	0	96	4	11
L15-11	0.186	2.431	1.120	2	93	5	22

-9999 = no data

**Carb. Free Sed. Anal. For 0-1' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
L17-08	0.288	1.797	1.803	11	82	7	39
L17-09	0.324	1.628	1.791	9	82	9	50
L19-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L19-16	0.189	2.407	1.127	3	93	4	18
L19-17	0.264	1.922	0.749	2	98	0	7
L23-03	0.458	1.125	1.343	3	96	1	38
L23-13	0.218	2.200	0.714	0	99	1	13
L23-18	0.245	2.032	0.633	0	99	1	15
L23-20	0.894	0.161	1.208	13	87	1	26
L27-01	0.236	2.084	0.513	0	100	0	14
L27-02a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-02b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-07	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-10	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L29-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L31-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L37-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-01	0.263	1.927	2.493	14	54	32	40
PI-02	0.533	0.908	1.428	8	88	4	13
PI-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-04	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-05b	0.347	1.527	1.231	1	-1	3	22
PI-06	0.430	1.219	1.482	6	91	3	25
PI-07	0.315	1.668	1.219	1	98	2	14
PI-08	0.370	1.435	1.591	9	89	3	27
PI-09	0.222	2.171	1.279	7	92	1	29
PI-10	0.250	2.000	1.227	6	93	1	25
PI-11	0.244	2.038	1.892	5	78	17	28
PI-12	0.337	1.569	1.495	5	87	8	15
PI-13	0.269	1.893	1.761	10	83	7	31
PI-14	0.330	1.598	1.907	18	81	2	33
PI-15	0.409	1.288	1.768	11	82	7	36
PI-16	0.538	0.895	1.865	20	77	3	42
PI-17	0.510	0.973	2.014	24	73	3	29
PI-18	0.604	0.726	1.831	19	76	4	25
PI-19	0.652	0.618	2.155	30	69	1	38

-9999 = no data

**Carb. Free Sed. Anal. For 0-1' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
PI-20B	1.037	-0.052	1.634	28	70	2	28
PI-21	0.191	2.387	0.842	1	97	2	32
PI-22	0.442	1.178	1.803	17	82	1	30
PI-23	0.299	1.743	1.412	5	92	3	40
PI-24	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-25	0.229	2.128	1.096	4	95	2	45
PI-26	0.376	1.410	1.554	5	92	3	32
PI-27	0.273	1.871	1.380	7	92	1	22
PI-28	0.585	0.774	1.631	18	82	1	34
PI-29	0.570	0.811	1.520	13	85	2	30
PI-30	0.307	1.706	1.468	12	88	0	90
PI-31	0.261	1.937	1.586	7	87	7	39
PI-32	0.639	0.646	1.414	11	87	3	17
PI-33	0.397	1.334	0.759	0	99	0	24
PI-34	0.843	0.246	1.588	18	79	3	25
PI-35	0.465	1.104	1.714	12	82	6	25
PI-36	0.347	1.528	1.595	7	91	3	31
PI-37	0.528	0.922	1.098	5	94	1	12
PI-38	0.636	0.653	1.764	18	80	2	30
PI-39	0.172	2.543	1.161	0	88	12	21
PI-40	0.302	1.729	1.607	5	90	6	22
PI-41	0.460	1.122	1.539	9	87	4	14
PI-42	0.405	1.304	1.492	4	91	5	22
PI-43	0.450	1.153	1.207	4	96	0	9
PI-44	0.443	1.175	1.244	2	97	1	13
PI-45	0.153	2.708	0.731	0	96	4	27
PI-46	0.199	2.333	0.840	0	99	1	30
PI-47	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-48	0.275	1.865	1.062	0	97	3	34
PI-49	-9999	-9999	-9999	-9999	-9999	-9999	-9999

-9999 = no data

**Carb. Free Sed. Anal. For 1-2' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
L01-01	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L01-02a	0.146	2.779	0.840	0	92	8	11
L01-02b	0.310	1.691	1.832	10	83	7	40
L01-03	0.422	1.246	1.661	11	86	3	29
L03-01	0.446	1.166	1.292	4	93	3	16
L03-02	0.322	1.637	1.225	1	97	2	15
L03-03a	0.308	1.699	1.178	2	95	3	17
L03-03b	0.206	2.281	0.663	0	99	1	13
L03-04	0.256	1.967	1.690	4	84	12	49
L05-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-03a	1.141	-0.190	0.878	4	95	1	10
L05-03b	0.298	1.745	1.708	16	80	4	27
L05-04	0.294	1.765	1.870	8	79	13	37
L05-05b	0.318	1.652	1.762	10	84	6	30
L05-06	0.192	2.378	1.103	2	93	5	41
L07-02	0.929	0.106	1.656	17	79	4	22
L07-02a	0.149	2.749	1.126	1	85	15	31
L07-02b	0.421	1.248	1.263	2	94	4	22
L07-02c	0.163	2.617	1.665	2	75	23	40
L07-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L07-07	0.223	2.168	1.117	4	94	1	27
L07-08	0.286	1.805	1.314	4	93	3	24
L09-06	0.255	1.971	1.792	3	84	13	21
L09-07	0.547	0.869	1.734	15	82	3	29
L09-08	0.270	1.889	1.610	11	86	3	32
L09-09	0.305	1.714	1.440	5	93	2	37
L09-10	0.157	2.676	0.747	0	93	7	15
L09-11b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L11-02	0.212	2.235	0.985	0	94	5	63
L11-09	0.181	2.464	0.829	0	96	4	10
L13-01	0.336	1.573	1.156	2	97	1	14
L13-02	0.321	1.640	1.385	3	93	4	31
L15-01	0.144	2.801	1.827	6	71	23	45
L15-04	0.268	1.898	1.851	8	83	8	31
L15-08a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L15-08b	0.196	2.351	1.060	0	96	4	22
L15-11	0.360	1.474	2.011	16	76	8	41

-9999 = no data

**Carb. Free Sed. Anal. For 1-2' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
L17-08	0.335	1.577	1.233	0	96	4	51
L17-09	0.177	2.497	2.248	9	61	30	40
L19-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L19-16	0.213	2.234	0.484	0	99	1	5
L19-17	0.417	1.261	1.246	4	95	1	30
L23-03	0.355	1.493	1.537	5	90	5	46
L23-13	0.233	2.102	0.816	0	98	2	18
L23-18	0.261	1.937	0.661	0	99	1	10
L23-20	0.352	1.506	1.457	6	91	2	32
L27-01	0.250	1.998	0.703	0	98	2	14
L27-02a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-02b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-07	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-10	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L29-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L31-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L37-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-01	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-04	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-05b	0.296	1.756	1.117	2	98	0	15
PI-06	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-07	0.262	1.934	1.702	6	86	9	22
PI-08	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-09	0.490	1.030	1.994	21	77	2	42
PI-10	0.367	1.447	1.895	18	79	3	41
PI-11	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-12	0.458	1.126	-1.680	11	83	6	10
PI-13	0.562	0.832	1.693	10	82	8	10
PI-14	0.391	1.355	1.781	13	85	2	24
PI-15	0.424	1.237	1.057	3	96	2	6
PI-16	0.513	0.962	1.770	14	81	5	28
PI-17	0.460	1.121	1.768	13	81	6	25
PI-18	0.304	1.718	1.175	2	93	5	12
PI-19	0.165	2.599	0.787	1	97	2	32

-9999 = no data

**Carb. Free Sed. Anal. For 1-2' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
PI-20B	0.826	0.276	1.850	26	71	3	37
PI-21	0.183	2.453	0.953	2	95	3	37
PI-22	0.615	0.701	2.010	27	71	2	30
PI-23	0.776	0.366	1.634	20	77	2	33
PI-24	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-25	0.365	1.454	1.737	14	84	2	39
PI-26	0.331	1.594	1.514	7	91	2	40
PI-27	0.218	2.197	1.080	3	95	2	23
PI-28	0.427	1.228	1.751	18	81	1	28
PI-29	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-30	0.280	1.836	1.294	6	94	0	90
PI-31	0.510	0.972	1.785	11	81	8	25
PI-32	0.238	2.069	1.452	1	87	12	15
PI-33	0.752	0.412	1.150	17	83	0	40
PI-34	0.518	0.949	1.303	6	91	3	8
PI-35	0.589	0.763	1.269	6	91	3	7
PI-36	0.492	1.023	1.231	5	93	2	5
PI-37	0.437	1.195	1.068	5	95	0	18
PI-38	0.324	1.627	1.625	8	92	0	45
PI-39	0.311	1.685	1.783	7	83	9	19
PI-40	0.222	2.171	2.229	9	66	24	42
PI-41	0.366	1.449	0.720	3	86	11	16
PI-42	0.644	0.634	1.209	4	94	2	5
PI-43	0.328	1.609	1.358	4	93	3	14
PI-44	0.422	1.245	1.236	2	97	1	15
PI-45	0.285	1.811	1.619	7	89	4	27
PI-46	0.186	2.431	0.855	0	98	1	30
PI-47	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-48	0.565	0.824	1.194	3	96	1	32
PI-49	-9999	-9999	-9999	-9999	-9999	-9999	-9999

-9999 = no data

**Carb. Free Sed. Anal. For 2-3' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
L01-01	0.742	0.430	1.188	9	91	0	42
L01-02a	0.170	2.556	1.039	0	90	10	13
L01-02b	0.336	1.576	1.909	10	80	10	35
L01-03	0.275	1.862	1.440	4	92	4	22
L03-01	0.578	0.792	1.823	18	77	5	28
L03-02	0.381	1.391	2.387	20	63	17	49
L03-03a	0.279	1.843	1.032	2	97	1	17
L03-03b	0.379	1.398	1.613	16	82	2	17
L03-04	0.069	3.866	1.391	0	51	48	47
L05-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-03a	0.859	0.220	1.565	11	85	4	16
L05-03b	0.197	2.342	1.120	3	94	3	24
L05-04	0.207	2.272	0.981	1	96	3	32
L05-05b	0.190	2.393	0.910	1	96	3	20
L05-06	0.923	0.116	1.751	34	66	0	29
L07-02	0.337	1.570	1.728	10	87	3	24
L07-02a	0.268	1.900	1.539	9	87	4	58
L07-02b	0.523	0.936	1.240	4	94	3	22
L07-02c	0.683	0.551	1.401	7	91	3	32
L07-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L07-07	0.188	2.413	0.964	2	94	5	48
L07-08	0.407	1.298	1.581	9	87	4	23
L09-06	0.078	3.680	2.046	6	36	58	59
L09-07	0.240	2.062	1.496	6	90	4	34
L09-08	0.436	1.199	1.960	21	75	4	36
L09-09	0.193	2.371	0.998	2	95	3	24
L09-10	0.199	2.328	0.900	0	98	2	22
L09-11b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L11-02	0.179	2.485	0.750	0	95	5	23
L11-09	0.256	1.968	1.466	6	90	5	19
L13-01	0.334	1.582	1.474	4	91	5	8
L13-02	0.313	1.677	1.571	7	90	3	24
L15-01	0.171	2.549	0.613	0	97	3	6
L15-04	0.178	2.490	0.641	0	98	2	6
L15-08a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L15-08b	0.165	2.596	0.523	0	98	2	6
L15-11	0.539	0.893	1.205	8	91	0	22

-9999 = no data

**Carb. Free Sed. Anal. For 2-3' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
L17-08	0.186	2.427	0.751	0	98	2	13
L17-09	0.186	2.431	0.725	0	98	2	11
L19-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L19-16	0.212	2.236	0.732	0	96	4	10
L19-17	0.321	1.639	1.420	2	94	4	37
L23-03	0.217	2.204	1.197	3	92	4	15
L23-13	0.202	2.307	0.791	0	97	3	20
L23-18	0.189	2.406	0.571	0	99	1	8
L23-20	0.183	2.449	1.030	1	93	5	30
L27-01	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-02a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-02b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-07	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-10	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L29-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L31-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L37-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-01	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-04	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-05b	0.412	1.281	1.399	5	93	2	14
PI-06	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-07	0.207	2.272	1.106	0	94	5	8
PI-08	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-09	0.307	1.702	1.752	14	84	2	37
PI-10	0.248	2.010	1.390	5	94	2	24
PI-11	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-12	0.784	0.351	1.617	25	73	2	9
PI-13	0.159	2.651	2.105	3	61	36	39
PI-14	0.205	2.286	1.139	1	95	5	12
PI-15	0.402	1.315	1.826	9	81	10	21
PI-16	0.524	0.932	1.248	4	93	3	9
PI-17	0.594	0.751	1.034	4	95	1	11
PI-18	0.531	0.912	1.246	6	92	2	13
PI-19	0.194	2.364	1.119	3	95	2	38

-9999 = no data

**Carb. Free Sed. Anal. For 2-3' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
PI-20B	0.603	0.729	1.280	8	90	2	36
PI-21	0.395	1.342	1.658	12	86	3	17
PI-22	0.635	0.654	2.099	27	67	6	35
PI-23	0.638	0.648	1.487	11	85	4	21
PI-24	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-25	0.247	2.019	1.328	8	92	0	93
PI-26	0.195	2.360	0.973	1	97	2	26
PI-27	0.352	1.505	1.142	3	95	2	14
PI-28	0.257	1.958	1.333	7	92	1	29
PI-29	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-30	0.187	2.423	0.716	0	98	1	88
PI-31	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-32	0.373	1.423	1.138	2	96	3	5
PI-33	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-34	0.512	0.967	1.457	5	89	6	10
PI-35	0.605	0.726	1.316	5	92	3	5
PI-36	0.606	0.722	1.058	6	94	0	1
PI-37	0.382	1.387	0.842	1	98	2	7
PI-38	0.372	1.425	1.922	13	78	8	41
PI-39	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-40	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-41	0.130	2.948	1.864	2	61	34	28
PI-42	0.513	0.963	1.377	3	92	5	8
PI-43	0.388	1.366	1.260	4	93	3	6
PI-44	0.587	0.770	1.219	2	97	1	11
PI-45	0.405	1.303	1.107	2	95	3	9
PI-46	0.334	1.584	1.780	11	86	4	27
PI-47	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-48	0.629	0.668	1.379	10	89	1	31
PI-49	-9999	-9999	-9999	-9999	-9999	-9999	-9999

-9999 = no data

**Carb. Sed. Analysis For 0-1" Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
L01-01	1.972	-0.980	1.364	42	58	0	42
L01-02a	0.316	1.660	0.785	1	98	1	13
L01-02b	0.379	1.400	0.813	2	98	0	13
L01-03	2.030	-1.021	1.752	57	43	0	51
L03-01	0.616	0.700	1.164	4	96	0	10
L03-02	1.288	-0.365	1.290	39	61	0	17
L03-03a	0.746	0.423	1.307	27	73	0	16
L03-03b	0.533	0.908	1.112	13	87	0	13
L03-04	1.021	-0.030	1.657	27	73	0	12
L05-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-03a	0.734	0.447	1.408	18	82	0	13
L05-03b	0.742	0.430	0.891	14	86	0	16
L05-04	1.059	-0.082	1.683	23	77	0	35
L05-05b	0.646	0.632	1.368	21	79	0	26
L05-06	0.992	0.011	1.260	33	67	0	23
L07-02	1.258	-0.331	1.215	31	69	0	47
L07-02a	1.245	-0.316	1.668	42	58	0	36
L07-02b	1.653	-0.725	1.682	43	57	0	32
L07-02c	1.174	-0.231	1.540	26	74	0	27
L07-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L07-07	1.203	-0.267	1.346	37	63	0	39
L07-08	1.171	-0.228	1.746	26	74	0	20
L09-06	0.762	0.392	1.559	15	85	0	28
L09-07	1.013	-0.019	1.539	24	76	0	26
L09-08	1.390	-0.475	1.428	40	60	0	44
L09-09	1.708	-0.772	1.546	50	50	0	39
L09-10	1.110	-0.150	1.714	31	69	0	33
L09-11b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L11-02	0.947	0.078	1.819	26	74	0	15
L11-09	0.396	1.336	1.794	17	83	0	31
L13-01	2.481	-1.311	0.957	72	28	0	28
L13-02	0.657	0.605	1.573	21	79	0	26
L15-01	0.357	1.488	0.871	21	79	0	14
L15-04	0.264	1.924	1.974	4	95	0	9
L15-08a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L15-08b	0.408	1.293	1.253	10	90	0	9
L15-11	1.589	-0.668	1.358	47	53	0	22

-9999 = no data

**Carb. Sed. Analysis For 0-1" Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
L17-08	0.558	0.843	1.241	19	81	0	26
L17-09	0.259	1.951	0.654	6	94	0	9
L19-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L19-16	0.280	1.836	0.726	5	94	0	9
L19-17	1.078	-0.109	0.700	34	66	0	31
L23-03	0.460	1.121	1.238	10	90	0	13
L23-13	0.930	0.104	-9999	22	77	1	11
L23-18	1.280	-0.356	1.199	41	59	0	13
L23-20	0.612	0.708	1.062	27	73	0	31
L27-01	-9999	-9999	0.566	-9999	-9999	-9999	-9999
L27-02a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-02b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-07	-9999	-9999	1.349	-9999	-9999	-9999	-9999
L27-09	-9999	-9999	1.405	-9999	-9999	-9999	-9999
L27-10	-9999	-9999	0.955	-9999	-9999	-9999	-9999
L29-09	-9999	-9999	0.950	-9999	-9999	-9999	-9999
L31-05	-9999	-9999	1.166	-9999	-9999	-9999	-9999
L37-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-01	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-02	0.725	0.464	1.164	11	89	0	10
PI-03	0.657	0.605	1.795	14	86	0	30
PI-04	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-05b	0.431	1.215	0.909	2	98	0	18
PI-06	0.501	0.997	1.216	5	95	0	16
PI-07	1.131	-0.177	1.490	36	64	0	18
PI-08	2.268	-1.181	1.811	64	36	0	30
PI-09	0.633	0.659	1.483	20	80	0	30
PI-10	0.531	0.914	1.041	10	90	0	19
PI-11	1.195	-0.257	1.288	33	67	0	82
PI-12	1.746	-0.804	2.038	51	49	0	13
PI-13	1.333	-0.415	1.797	38	62	0	38
PI-14	0.744	0.426	1.530	25	74	0	25
PI-15	0.991	0.014	1.382	28	72	0	22
PI-16	1.290	-0.367	1.502	31	70	0	46
PI-17	0.619	0.692	1.214	14	86	0	20
PI-18	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-19	1.409	-0.495	1.748	37	63	0	37

-9999 = no data

**Carb. Sed. Analysis For 0-1" Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
PI-20B	1.198	-0.260	1.101	27	73	0	19
PI-21	3.461	-1.791	1.599	80	20	0	36
PI-22	1.542	-0.625	1.468	36	64	0	46
PI-23	1.232	-0.301	1.727	39	61	0	33
PI-24	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-25	1.312	-0.392	1.767	40	60	0	42
PI-26	1.190	-0.251	1.615	31	69	0	31
PI-27	1.538	-0.621	1.463	41	59	0	32
PI-28	0.987	0.019	1.557	23	77	0	29
PI-29	2.722	-1.445	1.634	66	34	0	23
PI-30	1.468	-0.554	1.857	48	52	0	90
PI-31	1.120	-0.163	1.704	25	75	0	43
PI-32	1.847	-0.885	2.043	52	48	0	24
PI-33	0.410	1.287	0.791	1	99	0	24
PI-34	0.857	0.222	0.975	6	94	0	15
PI-35	1.138	-0.187	1.501	30	70	0	16
PI-36	1.141	-0.190	1.618	25	75	0	33
PI-37	1.178	-0.236	1.252	29	71	0	12
PI-38	1.117	-0.160	1.426	22	78	0	31
PI-39	0.334	1.583	0.749	3	94	0	10
PI-40	2.044	-1.031	1.414	51	49	0	22
PI-41	1.290	-0.367	1.803	34	66	0	21
PI-42	0.509	0.974	1.172	8	92	0	7
PI-43	0.383	1.384	0.912	2	98	0	6
PI-44	0.485	1.044	1.215	6	94	0	14
PI-45	0.649	0.625	1.239	21	79	0	88
PI-46	0.612	0.707	1.150	12	88	0	29
PI-47	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-48	0.283	1.822	0.739	1	99	0	27
PI-49	-9999	-9999	-9999	-9999	-9999	-9999	-9999

-9999 = no data

**Carb. Sed. Analysis For 0-1' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
L01-01	1.630	-0.705	1.471	49	51	0	27
L01-02a	1.131	-0.178	1.675	34	66	0	24
L01-02b	1.037	-0.053	1.629	32	68	0	24
L01-03	2.222	-1.152	1.337	60	40	0	54
L03-01	0.668	0.582	1.312	13	87	0	13
L03-02	1.599	-0.677	1.643	47	53	0	18
L03-03a	0.467	1.100	1.557	14	86	0	30
L03-03b	0.800	0.322	1.366	19	81	0	26
L03-04	0.697	0.521	1.385	18	82	0	11
L05-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-03a	1.044	-0.062	1.900	37	63	0	32
L05-03b	1.089	-0.123	1.424	29	71	0	23
L05-04	1.012	-0.016	1.416	24	75	0	41
L05-05b	0.577	0.794	1.653	15	85	0	28
L05-06	0.653	0.614	1.844	23	77	0	20
L07-02	1.729	-0.790	1.928	58	42	0	27
L07-02a	1.347	-0.429	1.980	49	51	0	39
L07-02b	1.358	-0.442	0.803	22	78	0	37
L07-02c	0.713	0.488	1.679	19	81	0	24
L07-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L07-07	1.551	-0.633	1.595	46	54	0	49
L07-08	1.030	-0.042	1.734	29	71	0	26
L09-06	0.824	0.279	1.453	17	83	0	25
L09-07	1.237	-0.307	1.735	41	59	0	33
L09-08	2.102	-1.072	1.376	57	43	0	45
L09-09	0.253	1.983	1.247	3	97	1	19
L09-10	2.439	-1.286	0.996	65	35	0	84
L09-11b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L11-02	0.379	1.401	0.655	1	99	0	20
L11-09	0.427	1.227	1.799	17	82	0	53
L13-01	1.164	-0.219	1.430	35	65	0	25
L13-02	0.563	0.829	1.441	12	88	0	32
L15-01	1.350	-0.433	1.365	37	63	0	42
L15-04	0.306	1.709	1.219	6	94	0	11
L15-08a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L15-08b	1.455	-0.541	1.917	47	53	0	22
L15-11	1.504	-0.589	1.471	44	56	0	39

-9999 = no data

**Carb. Sed. Analysis For 0-1' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
L17-08	1.352	-0.435	1.431	35	65	0	50
L17-09	0.849	0.235	1.866	30	70	0	18
L19-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L19-16	0.248	2.010	0.856	3	97	0	7
L19-17	1.123	-0.167	1.178	27	73	0	38
L23-03	0.487	1.037	1.744	18	82	0	13
L23-13	1.112	-0.153	1.655	34	66	0	15
L23-18	0.956	0.066	1.151	3	97	0	26
L23-20	1.121	-0.165	1.256	29	71	0	14
L27-01	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-02a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-02b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-07	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-10	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L29-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L31-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L37-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-01	1.886	-0.915	0.988	44	56	0	40
PI-02	0.774	0.371	1.121	13	87	0	13
PI-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-04	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-05b	0.692	0.531	1.114	7	93	0	22
PI-06	1.029	-0.041	1.797	33	67	0	25
PI-07	0.397	1.332	1.222	3	97	0	14
PI-08	1.253	-0.326	1.692	40	60	0	27
PI-09	1.099	-0.137	1.424	32	68	0	29
PI-10	0.905	0.144	1.480	28	72	0	25
PI-11	1.044	-0.063	1.689	36	64	0	28
PI-12	0.510	0.971	1.575	15	84	1	15
PI-13	1.741	-0.800	1.738	53	47	0	31
PI-14	1.677	-0.746	1.551	50	50	0	33
PI-15	1.987	-0.990	1.384	56	44	0	36
PI-16	1.979	-0.985	1.276	52	47	0	42
PI-17	1.678	-0.746	1.506	50	50	0	29
PI-18	1.685	-0.753	1.376	46	54	0	25
PI-19	1.576	-0.656	1.611	48	52	0	38

-9999 = no data

**Carb. Sed. Analysis For 0-1' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
PI-20B	2.195	-1.134	1.534	57	43	0	28
PI-21	1.310	-0.389	1.679	42	58	0	32
PI-22	1.310	-0.389	1.541	36	64	0	30
PI-23	1.067	-0.093	1.563	31	69	0	40
PI-24	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-25	1.660	-0.731	1.814	53	44	3	45
PI-26	1.171	-0.228	1.331	30	70	0	32
PI-27	0.963	0.054	1.604	31	69	0	22
PI-28	1.382	-0.467	1.337	35	65	0	34
PI-29	0.692	0.531	2.539	35	46	19	30
PI-30	1.902	-0.928	1.341	55	45	0	90
PI-31	0.985	0.023	1.672	29	71	0	39
PI-32	1.303	-0.381	1.946	45	55	0	17
PI-33	0.572	0.805	0.839	2	98	0	24
PI-34	2.217	-1.149	1.588	58	42	0	25
PI-35	2.370	-1.245	1.555	64	36	0	28
PI-36	1.333	-0.415	1.620	38	62	0	31
PI-37	0.811	0.302	1.439	21	79	0	12
PI-38	1.045	-0.063	1.237	24	76	0	30
PI-39	0.385	1.379	1.231	7	93	0	21
PI-40	0.686	0.543	1.656	22	78	0	22
PI-41	1.562	-0.643	1.402	46	54	0	14
PI-42	0.902	0.149	1.665	31	69	0	22
PI-43	0.615	0.701	1.208	11	89	0	9
PI-44	0.597	0.745	1.467	15	85	0	13
PI-45	0.567	0.818	1.614	19	81	0	27
PI-46	0.731	0.452	1.267	15	85	0	30
PI-47	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-48	0.594	0.751	1.095	4	96	0	34
PI-49	-9999	-9999	-9999	-9999	-9999	-9999	-9999

-9999 = no data

**Carb. Sed. Analysis For 1-2' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of Bulk)
L01-01	0.245	2.030	0.811	1	99	0	11
L01-02a	2.453	-1.295	1.316	65	35	0	40
L01-02b	1.522	-0.606	1.518	45	55	0	29
L01-03	0.482	1.053	2.244	30	70	0	16
L03-01	0.510	0.973	1.230	7	93	0	15
L03-02	0.957	0.063	1.400	24	76	0	17
L03-03a	0.763	0.391	1.970	30	70	0	13
L03-03b	3.771	-1.915	1.007	82	18	0	49
L03-04	1.236	-0.305	1.024	20	80	0	10
L05-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-03a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-03b	1.355	-0.439	1.550	40	60	0	37
L05-04	1.131	-0.178	1.597	36	64	0	30
L05-05b	0.959	0.061	1.247	20	80	0	41
L05-06	1.565	-0.646	1.564	57	43	0	22
L07-02	0.807	0.310	1.408	20	80	0	31
L07-02a	0.889	0.169	1.332	17	83	0	22
L07-02b	0.551	0.861	1.284	8	94	0	40
L07-02c	0.848	0.237	1.594	40	60	0	27
L07-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L07-07	0.983	0.024	1.464	26	74	0	24
L07-08	0.616	0.699	1.675	21	79	0	21
L09-06	0.994	0.009	1.398	25	75	0	29
L09-07	1.412	-0.498	1.700	46	54	0	32
L09-08	1.255	-0.327	1.644	37	63	0	37
L09-09	0.272	1.878	0.695	0	100	0	15
L09-10	1.913	-0.936	1.256	54	46	0	63
L09-11b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L11-02	0.594	0.752	1.525	10	90	0	10
L11-09	0.451	1.148	1.624	12	87	0	14
L13-01	0.828	0.272	1.368	21	79	0	31
L13-02	0.667	0.584	1.662	21	79	0	45
L15-01	1.641	-0.715	1.927	57	43	0	31
L15-04	1.272	-0.347	1.778	42	58	0	22
L15-08a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L15-08b	1.450	-0.536	1.392	40	60	0	41
L15-11	1.821	-0.865	1.325	47	53	0	51

-9999 = no data

**Carb. Sed. Analysis For 1-2' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of Bulk)
L17-08	0.746	0.423	1.556	20	80	0	40
L17-09	0.381	1.391	0.971	6	94	0	5
L19-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L19-16	0.853	0.229	1.322	19	81	0	30
L19-17	0.958	0.062	1.497	26	74	0	46
L23-03	0.681	0.555	1.624	23	77	0	18
L23-13	0.330	1.598	1.421	10	90	0	10
L23-18	0.956	0.066	1.151	3	97	0	26
L23-20	0.857	0.223	1.562	24	76	0	14
L27-01	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-02a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-02b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-07	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-10	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L29-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L31-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L37-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-01	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-04	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-05b	0.555	0.850	1.014	3	97	0	15
PI-06	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-07	1.138	-0.187	2.034	43	57	1	22
PI-08	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-09	1.184	-0.244	1.460	32	68	0	42
PI-10	1.549	-0.631	1.372	41	59	0	41
PI-11	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-12	1.217	-0.284	1.517	35	65	0	10
PI-13	1.532	-0.616	1.574	47	53	0	10
PI-14	1.271	-0.346	1.543	37	63	0	24
PI-15	0.608	0.717	1.222	12	87	1	6
PI-16	1.120	-0.164	1.595	35	65	0	28
PI-17	1.623	-0.699	1.577	50	50	0	25
PI-18	0.511	0.970	1.473	9	89	1	12
PI-19	0.811	0.303	1.570	26	74	0	32

-9999 = no data

**Carb. Sed. Analysis For 1-2' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of Bulk)
PI-20B	2.839	-1.505	1.358	70	30	0	37
PI-21	1.172	-0.229	1.525	36	64	0	37
PI-22	0.944	0.083	1.410	23	77	0	30
PI-23	2.252	-1.171	1.720	63	37	0	33
PI-24	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-25	1.157	-0.210	1.560	35	65	0	39
PI-26	1.149	-0.200	1.560	33	66	0	40
PI-27	0.682	0.553	1.887	25	75	0	23
PI-28	0.992	0.012	1.471	28	72	0	28
PI-29	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-30	1.452	-0.538	1.419	42	58	0	90
PI-31	1.194	-0.256	1.459	34	66	0	22
PI-32	0.564	0.827	1.355	12	88	0	15
PI-33	2.333	-1.222	1.364	60	40	0	40
PI-34	1.096	-0.132	1.449	31	70	0	8
PI-35	0.736	0.441	1.213	18	82	0	7
PI-36	0.434	1.205	1.318	10	88	1	5
PI-37	1.136	-0.184	4.551	36	64	0	18
PI-38	1.413	-0.498	1.573	42	58	0	45
PI-39	0.793	0.335	1.565	25	75	0	19
PI-40	1.890	-0.918	1.732	56	44	0	42
PI-41	0.662	0.595	1.585	21	79	0	16
PI-42	0.587	0.770	1.275	4	96	0	5
PI-43	1.263	-0.337	1.618	37	63	0	14
PI-44	0.464	1.109	1.440	7	93	0	15
PI-45	1.014	-0.021	1.627	35	65	0	27
PI-46	0.744	0.427	1.285	15	85	0	30
PI-47	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-48	1.089	-0.123	1.019	20	80	0	32
PI-49	-9999	-9999	-9999	-9999	-9999	-9999	-9999

-9999 = no data

**Carb. Sed. Analysis For 2-3' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
L01-01	0.437	1.195	1.661	13	87	0	13
L01-02a	1.633	-0.708	1.626	50	50	0	35
L01-02b	0.914	0.129	1.693	31	69	0	22
L01-03	2.340	-1.226	1.643	65	35	0	28
L03-01	3.551	-1.828	1.530	85	15	0	49
L03-02	0.758	0.400	1.493	21	79	0	17
L03-03a	0.605	0.725	1.326	9	91	0	17
L03-03b	1.010	-0.014	2.215	43	57	0	47
L03-04	1.388	-0.473	1.449	32	68	0	16
L05-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L05-03a	0.836	0.259	1.914	32	68	0	24
L05-03b	0.579	0.789	1.222	3	96	1	32
L05-04	0.634	0.657	1.440	13	87	0	20
L05-05b	1.381	-0.465	1.411	40	59	0	29
L05-06	1.203	-0.267	1.412	38	62	0	24
L07-02	2.557	-1.354	1.364	69	31	0	58
L07-02a	1.262	-0.336	1.258	28	72	0	22
L07-02b	1.883	-0.913	1.317	48	52	0	32
L07-02c	1.208	-0.272	1.619	40	60	0	48
L07-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L07-07	0.356	1.490	1.771	15	85	0	23
L07-08	1.018	-0.026	1.754	34	66	0	59
L09-06	1.123	-0.167	1.617	35	65	0	34
L09-07	1.369	-0.453	1.548	41	59	0	36
L09-08	0.683	0.549	1.574	19	81	0	24
L09-09	0.616	0.699	1.522	17	83	0	22
L09-10	0.995	0.008	1.549	29	71	0	23
L09-11b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L11-02	0.686	0.544	1.697	20	80	0	19
L11-09	0.735	0.444	1.415	18	82	0	8
L13-01	0.647	0.629	1.349	14	86	0	24
L13-02	0.174	2.522	1.088	2	98	0	6
L15-01	0.201	2.313	0.979	2	98	0	6
L15-04	0.336	1.573	1.635	9	91	0	6
L15-08a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L15-08b	0.837	0.256	1.217	16	84	0	22
L15-11	1.085	-0.117	1.391	28	72	0	13

-9999 = no data

**Carb. Sed. Analysis For 2-3' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
L17-08	0.777	0.364	1.375	18	81	1	11
L17-09	0.505	0.987	1.748	17	83	0	10
L19-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L19-16	0.824	0.280	1.320	18	82	0	37
L19-17	0.414	1.272	1.449	13	87	0	15
L23-03	0.605	0.726	1.598	17	83	0	20
L23-13	0.410	1.285	1.553	12	88	0	8
L23-18	0.644	0.634	1.527	14	86	0	30
L23-20	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-01	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-02a	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-02b	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-07	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L27-10	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L29-09	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L31-05	-9999	-9999	-9999	-9999	-9999	-9999	-9999
L37-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-01	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-02	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-03	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-04	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-05b	0.529	0.919	1.126	2019	98	0	14
PI-06	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-07	0.235	2.090	1.374	5	95	0	8
PI-08	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-09	0.985	0.022	1.651	29	71	0	37
PI-10	1.266	-0.341	1.380	36	64	0	24
PI-11	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-12	1.156	-0.209	1.456	32	67	1	9
PI-13	1.826	-0.869	1.722	60	40	0	39
PI-14	1.082	-0.114	1.487	34	66	0	12
PI-15	1.227	-0.295	1.452	35	65	0	21
PI-16	0.647	0.628	1.742	20	80	0	9
PI-17	0.684	0.549	1.044	7	93	0	11
PI-18	0.774	0.370	1.036	10	90	0	13
PI-19	1.311	-0.391	1.555	41	59	0	38

-9999 = no data

**Carb. Sed. Analysis For 2-3' Interval From Vibracores Seaward Of Pawleys Island**

Core ID	Mean (mm)	Mean (phi)	Sorting (phi)	Gravel (%)	Sand (%)	Mud (%)	Carbonate (% of bulk)
PI-20B	3.461	-1.791	1.333	80	20	0	36
PI-21	1.117	-0.160	1.734	36	64	0	17
PI-22	1.498	-0.583	1.827	48	52	0	35
PI-23	2.361	-1.239	1.583	60	40	0	21
PI-24	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-25	1.537	-0.620	1.637	48	52	0	93
PI-26	0.797	0.327	1.833	27	73	0	26
PI-27	0.460	1.122	1.560	12	88	0	14
PI-28	0.952	0.071	1.801	30	70	0	29
PI-29	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-30	1.093	-0.128	1.447	30	71	0	88
PI-31	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-32	0.271	1.884	0.944	0	99	1	5
PI-33	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-34	0.713	0.488	1.368	15	85	0	10
PI-35	0.702	0.510	1.173	7	93	0	5
PI-36	0.339	1.560	1.284	4	96	0	1
PI-37	0.392	1.351	1.984	11	73	17	7
PI-38	2.839	-1.505	1.651	77	23	0	41
PI-39	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-40	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-41	0.974	0.038	1.259	26	74	0	28
PI-42	0.710	0.493	1.294	12	88	0	8
PI-43	1.164	-0.220	1.523	32	68	0	6
PI-44	0.542	0.885	0.959	1	99	0	11
PI-45	1.075	-0.104	1.440	35	65	0	9
PI-46	1.135	-0.182	1.527	36	64	0	27
PI-47	-9999	-9999	-9999	-9999	-9999	-9999	-9999
PI-48	1.120	-0.163	1.152	23	77	0	31
PI-49	-9999	-9999	-9999	-9999	-9999	-9999	-9999

-9999 = no data

### **APPENDIX III**

#### **Ra Values for 0-1 ft, 1-2 ft, and 2-3 ft intervals**

Data not available is indicated by -9999 (use of -9999 is often the result of core length being shorter than analysis interval).

### Ra Values Within 1', 2', 3' Intervals Seaward Of Pawleys Island

Core ID	1' interval	2' Interval	3' Interval
L01-01	1.27	2.05	1.58
L01-02a	1.31	1.19	1.13
L01-02b	1.14	1.10	1.21
L01-03	1.05	1.15	1.09
L03-01	1.06	1.11	1.18
L03-02	1.08	1.13	-9999
L03-03a	1.10	1.48	-9999
L03-03b	1.09	1.20	-9999
L03-04	1.09	2.90	-9999
L05-02	-9999	-9999	-9999
L05-03a	1.03	-9999	-9999
L05-03b	1.02	-9999	-9999
L05-04	1.20	1.22	1.31
L05-05b	1.08	1.18	-9999
L05-06	1.08	1.12	1.19
L07-02	1.24	1.26	1.20
L07-02a	1.16	1.24	-9999
L07-02b	1.17	1.12	1.24
L07-02c	1.09	1.13	1.27
L07-05	-9999	-9999	-9999
L07-07	1.03	1.04	1.03
L07-08	1.01	1.10	1.73
L09-06	1.19	1.26	1.23
L09-07	1.20	-9999	-9999
L09-08	1.17	1.32	2.50
L09-09	1.08	1.07	1.22
L09-10	-9999	-9999	-9999
L09-11b	-9999	-9999	-9999
L11-02	1.21	1.13	1.08
L11-09	1.14	1.32	1.32
L13-01	2.00	1.19	1.29
L13-02	1.08	1.32	1.24
L15-01	1.39	1.24	-9999
L15-04	1.63	-9999	-9999
L15-08a	-9999	-9999	-9999
L15-08b	1.15	1.18	-9999
L15-11	1.11	1.18	1.39
L17-08	1.22	-9999	-9999
L17-09	1.46	1.20	1.23

-9999 = no data

### Ra Values Within 1', 2', 3' Intervals Seaward Of Pawleys Island

Core ID	1' interval	2' Interval	3' Interval
L19-09	-9999	-9999	-9999
L19-16	1.40	1.05	1.26
L19-17	1.48	1.37	1.15
L23-03	-9999	1.17	1.24
L23-13	1.05	-9999	-9999
L23-18	1.28	1.13	1.50
L23-20	1.43	1.35	-9999
L27-01	1.21	1.07	1.10
L27-02a	-9999	-9999	-9999
L27-02b	-9999	-9999	-9999
L27-07	1.09	1.24	-9999
L27-09	1.08	1.28	-9999
L27-10	1.21	1.15	1.24
L29-09	1.12	1.15	1.20
L31-05	1.17	1.31	1.22
L37-03	1.14	-9999	-9999
PI-01	1.37	-9999	-9999
PI-02	1.04	-9999	-9999
PI-03	-9999	-9999	-9999
PI-04	-9999	-9999	-9999
PI-05b	1.08	1.10	1.09
PI-06	1.10	-9999	-9999
PI-07	1.13	1.22	1.38
PI-08	1.14	-9999	-9999
PI-09	1.22	1.10	1.16
PI-10	1.18	1.13	1.19
PI-11	1.30	-9999	-9999
PI-12	1.18	1.13	1.03
PI-13	1.23	1.08	1.52
PI-14	1.19	1.15	1.30
PI-15	1.11	1.02	1.12
PI-16	1.06	1.09	1.04
PI-17	1.11	1.10	0.98
PI-18	1.05	1.12	1.03
PI-19	1.08	1.27	1.20
PI-20B	1.01	1.03	1.03
PI-21	1.23	1.22	1.15
PI-22	1.11	1.08	1.10
PI-23	1.12	1.04	1.04

-9999 = no data

**Ra Values Within 1', 2', 3' Intervals Seaward Of Pawleys Island**

Core ID	1' interval	2' Interval	3' Interval
PI-24	-9999	-9999	-9999
PI-25	1.18	1.11	1.12
PI-26	1.07	1.12	1.27
PI-27	1.19	1.24	1.08
PI-28	1.04	1.10	1.21
PI-29	1.11	-9999	-9999
PI-30	1.11	1.10	1.20
PI-31	1.18	1.07	-9999
PI-32	1.03	1.40	1.06
PI-33	1.00	0.99	-9999
PI-34	1.02	1.04	1.04
PI-35	1.09	1.01	1.02
PI-36	1.13	1.03	0.99
PI-37	1.01	1.03	1.04
PI-38	1.04	1.09	1.13
PI-39	1.48	1.12	-9999
PI-40	1.19	1.24	-9999
PI-41	1.05	1.17	1.55
PI-42	1.10	1.00	1.11
PI-43	1.03	1.14	1.07
PI-44	1.05	1.06	1.01
PI-45	1.45	1.20	1.03
PI-46	1.16	1.23	1.15
PI-47	-9999	-9999	-9999
PI-48	1.01	1.00	1.06
PI-49	-9999	-9999	-9999

-9999 = no data

## **APPENDIX IV**

### **Summary Of Vibracore Descriptions**

**Visual Core Descriptions For Vibracores Collected Seaward Of Pawleys Island**

Core ID	Depth (m)	Description
L01-01	0.00-0.17	many shell frags
	0.18-0.85	muddy sand to fine sand with rare wood fragments
	0.86-1.05	bedded muds and fine sand
	1.06-1.42	slightly muddy, fine sand
	1.43-1.98	bedded mud and slightly muddy fine sand
L01-02a	0.00-0.25	fine muddy sands w/ shell frags
	0.26-0.95	muddy sand w/ shell frags
	0.96-1.12	slightly sandy mud w/ shell frags
	1.13-1.82	clay
	1.83-2.23	slightly muddy fine to sand w/ shell frags, coarsening downward
L01-02b	0.00-0.30	fine sand w/ many shell frags
	0.31-0.70	med to coarse sand w/ many shell frags, fining downward
	0.70-1.20	slightly muddy fine sand w/ many shell frags
	1.21-2.37	muddy very fine sand w/ bedded shell hash near top, wood frag @ 161 cm
L01-03	0.00-0.60	med sand w/ shell frags (oyster shells common)
	0.60-1.00	slightly muddy fine sand w/ shell frags grading to many shell frags
	1.00-1.11	coarse sand w/ shell frags
	1.11-1.65	med sand w/ shell frags
L03-01	0.00-0.10	coarse sand w/ shell frags; fining downward
	0.10-0.80	fine sand w/ shell frags, slightly muddy @ base
	0.80-1.04	clays w/ sandy burrows
L03-02	1.05-2.54	bedded fine sand and clay; coarse layer at 150 cm
	0.00-0.52	med sand with shell frags
	0.52-1.00	very fine muddy sand w/ few shell frags; less muddy downward
L03-03a	1.00-1.80	fine sand w/ mud layers @ 112-120, 140-143; sand coarsening downward
	1.81-2.10	coarse sand w/ some pebbles and few shell frags
	0.00-0.30	very fine to fine sand with shell frags
L03-03b	0.30-1.19	bedded, slightly muddy, fine sand w/ shell frags;
	1.19-1.25	less muddy and few shell frags downward; wood at 103 cm
	0.00-0.40	slightly muddy fine sand w/ roots and few shell frags
L03-04	0.40-0.90	fine sand w/ shell frags
	0.90-1.10	mud with shell frags
	1.10-1.25	mud w/ few burrows and shell frags
L05-03a	0.00-0.20	fine sand w/ clay laminations and few shell frags
	0.20-0.31	mud
	0.31-0.62	mud w/ many shell frags
	0.62-0.82	mud w/ burrows and shell frags
	0.82-1.00	slightly muddy sand w/ shell frags
L05-03a	1.01-1.47	sandy mud w/ few shell frags
	0.00-0.20	med sand w/ shell frags
	0.20-0.64	peat w/ few sand lenses

**Visual Core Descriptions For Vibracores Collected Seaward Of Pawleys Island**

Core ID	Depth (m)	Description
L05-03b	0.00-0.32	coarse sand w/ few shell frags; fining downward
	0.33-0.90	mud w/ organic laminations; wood frag at base
L05-04	0.00-0.10	med to coarse sand w/ shell frags and pebbles
	0.10-0.40	fine sand w/ many shell frags
L05-05b	0.40-0.88	fine sand w/ many shell frags; pebbles at 40-50 and 65-80 cm
	0.00-0.25	slightly muddy med sand w/ shell frags
L05-06	0.25-0.55	sandy mud w/ shell frags
	0.55-1.70	mud w/ burrows and shell frags near top
L05-06	1.70-1.78	fine sand w/ few shell frags
	0.00-0.49	very fine to fine sand w/ shell frags
L07-02	0.51-0.80	slightly muddy sand w/ many shell frags
	0.80-1.20	sandy mud w/ shell frags
L07-02a	1.21-1.50	mud w/ few shell frags
	0.00-0.20	fine sand w/ shell frags
L07-02b	0.20-0.40	coarse sand w/ shell frags
	0.40-1.15	fine sand w/ shell frags
L07-02c	1.15-1.42	mud
	1.42-1.76	slightly muddy med to coarse sand w/ few shell fragments
L07-02a	0.00-0.50	fine to med sand w/ many shell frags (more numerous @ top)
	0.50-0.65	very coarse to coarse sand w/ few shell frags
L07-02c	0.65-0.90	muddy sand w/ shell frags
	0.90-1.00	slightly muddy, coarse sand w/ shell frags
L07-07	1.00-1.62	very coarse to coarse sand; muddy laminae at top
	0.00-0.05	shell frags and pebbles @ 130-132 cm
L07-02b	0.05-0.65	very coarse sand w/ shell frags
	0.65-1.98	very fine to fine sand w/ shell frags
L07-02c	0.30-1.95	mud w/ few burrows
	0.00-0.29	fine sand w/ shell frags (more numerous at base)
L07-07	1.96-2.13	slightly muddy fine sand w/ shell frags
	0.00-0.50	shelly beds @ 45-50, 60-70, 87-90, 115-122, 135-142, 178-190 cm
L07-07	0.50-0.98	fine to med sand w/ few shell frags
	0.98-1.40	slightly sandy mud w/ shell frags and peat frags
L07-08	1.40-1.92	slightly muddy sand w/ shell frags; clay beds at 155-157 and 183-185
	0.00-0.32	sand w/ many shell frags
L09-06	0.32-0.60	fine sand w/ shell frags
	0.60-1.50	slightly muddy sand w/ few shell frags and muddy sand beds
L09-06	0.00-0.51	fine sand w/ shell frags
	0.52-0.62	slightly muddy sand w/ shell frags
	0.62-1.10	fine sand w/ many shell frags grading to shell frags

**Visual Core Descriptions For Vibracores Collected Seaward Of Pawleys Island**

Core ID	Depth (m)	Description
L09-07	0.00-0.15	fine sand w/ many shell frags
	0.15-0.25	slightly muddy sand w/ shell frags
	0.25-1.68	bedded muddy sand and mud w/ shell frags; and woody organics at base
L09-08	0.00-0.10	med sand w/ shell frags
	0.10-0.40	slightly muddy fine sand w/ shell frags
	0.41-0.70	muddy sand w/ few shell frags
	0.71-1.50	mud
L09-09	0.00-0.22	fine sand w/ shell frags
	0.22-0.60	fine sand w/ shell frags
	0.60-1.10	slightly muddy fine sand w/ many shell frags
	1.10-1.72	muddy fine sand w/ shell frags; shell beds @ 117-120, 165-172 cm
	1.72-1.82	slightly sandy mud w/ shell frags
L09-10	0.00-0.30	fine to med sand w/ many shell frags & pebbles
	0.30-0.70	fine sand w/ many shell frags
	0.70-1.15	slightly muddy sand w/ many shell frags @ top
	1.15-1.39	peat w/ woody organics
L11-02	0.00-0.20	fine sand w/ pebbles & shell frags
	0.20-0.91	fine sand w/ shell frags grading to many shell frags
L11-09	0.00-0.82	fine sand w/ many shell frags grading to shell frags
	0.82-1.70	bedded mud and sandy mud w/ shell frags
L13-01	0.00-0.40	fine sand
	0.40-0.50	slightly muddy fine sand w/ shell frags
	0.50-0.65	slightly muddy fine sand
	0.65-0.78	muddy fine sand w/ many shell frags
L13-02	0.00-0.31	fine sand w/ many shell frags
	0.31-1.15	fine sand w/ shell frags (fewer downward)
	1.15-1.50	slightly muddy fine sand w/ many shell frags @ top
	1.50-1.67	sandy mud w/ many shell frags
L15-01	0.00-0.13	fine to med sand w/ shell frags grading to many shell frags
	0.13-0.45	fine sand w/ shell frags and burrows
	0.45-0.60	med sand w/ many shell frags
	0.60-0.62	phosphate?
	0.00-0.05	phosphate?
L15-04	0.05-0.10	med sand w/ shell frags
	0.10-0.22	clay w/ shell frags
	0.00-0.10	fine to med sand w/ shell frags
L15-08b	0.10-0.50	slightly muddy fine sand w/ shell frags
	0.50-0.56	fine sand
	0.00-0.20	fine to med sand w/ many shell frags
L15-11	0.21-0.40	fine sand w/ shell frags
	0.40-0.50	slightly muddy sand w/ shell frags
	0.50-0.90	mud w/ shell frags @ top

**Visual Core Descriptions For Vibracores Collected Seaward Of Pawleys Island**

Core ID	Depth (m)	Description
L17-08	0.00-0.12	fine to med sand w/ shell frags grading to many shell frags
	0.12-0.25	slightly muddy fine sand w/ shell frags and pebbles
	0.25-0.33	clay w/ few shell frags
L17-09	0.00-0.20	fine sand w/ shell frags
	0.20-0.95	slightly muddy fine sand gradational to slightly sandy mud w/ shell frags
	0.95-1.36	mud w/ sand beds @ 118-120; 125-127, and 130-132 cm
L19-16	0.00-0.18	fine sand
	0.19-0.80	slightly muddy fine sand w/ many shell frags near base (>65 cm)
	0.80-1.20	mud bed w/ shell frags near top
	1.20-1.40	peat
	1.40-1.68	clay w/woody organic layer @ 158 cm
L19-17	0.00-0.20	fine sand w/ many shell frags
	0.20-0.30	very slightly muddy fine sand w/ shell frags
	0.30-0.50	slightly muddy fine sand w/ shell frags
	0.50-0.90	slightly muddy fine sand w/ many shell frags
	0.90-1.84	bedded mud and sand w/ few shell frags and pebbles; peat near top
L23-03	0.00-0.45	fine to med sand w/ many shell frags
	0.45-0.70	slightly muddy fine sand w/ shell frags
	0.70-0.82	slightly muddy fine sand w/ many shell frags and pebbles
L23-13	0.00-0.25	fine sand w/ many shell frags
	0.25-0.42	slightly muddy fine sand
	0.42-0.55	fine sand w/ many shell frags
	0.55-0.62	muddy sand w/ shell frag
L23-18	0.00-0.24	fine sand w/ shell frags
	0.24-0.40	slightly muddy sand w/ many shell frags
	0.40-0.80	muddy sand grading to sandy mud w/ many shell frags
	0.80-1.60	mud w/ sand lenses near base
L23-20	0.00-0.20	fine sand w/ shell frags
	0.20-0.52	fine sand w/ shell frags; shell bed @ 20-22 cm
	0.52-0.64	slightly muddy sand w/ many shell frags
L27-01	0.00-0.85	fine sand w/ shell frags
L27-07	0.00-0.15	fine sand w/ many shell frags
	0.15-0.40	fine sand w/ shell frags
	0.40-0.42	woody organics
	0.42-0.48	slightly muddy fine sand
L27-09	0.00-0.30	fine sand w/ many shell frags
	0.30-0.50	fine sand w/ shell frags
	0.50-0.90	slightly muddy fine sand
	0.90-1.00	muddy sand w/ shell frags
	1.00-1.30	mud gradational to sandy mud downward w/ shell frags

**Visual Core Descriptions For Vibracores Collected Seaward Of Pawleys Island**

Core ID	Depth (m)	Description
L27-10	0.00-0.50	fine sand w/ shell frags
	0.50-0.80	fine sand w/ many shell frags
	0.80-1.30	slightly muddy fine sand
	1.30-1.98	muddy sand gradational to slightly sand mud w/ shell frags
L29-09	0.00-0.50	fine sand w/ shell frags
	0.50-1.00	slightly muddy sand
	1.00-1.40	muddy sand w/ shell frags
	1.40-1.93	mud w/ shell frags @ 135 cm and slightly sandy mud lenses near base
L31-05	0.00-0.15	med to fine sand w/ many shell frags
	0.15-0.40	fine sand w/ shell frags
	0.40-0.65	slightly muddy sand w/ shell frags
	0.65-0.85	muddy sand w/ shell frags
	0.85-1.18	peat w/ mud @ top and base
L37-03	0.00-0.74	fine sand w/ shell frags
PI-01	0.00-0.06	slightly muddy med sand w/ few large pebbles
	0.06-1.75	clay (stiff) w/ roots; burrows @ top
PI-02	0.00-0.13	slightly muddy fine to coarse sand w/ shell frags and pebbles
	0.13-0.20	large wood frag
	0.20-0.65	med to fine sand w/ wood frags and organic lenses
PI-03	0.00-0.10	slightly sandy mud w/ shell frags and burrow
	0.10-2.65	clay (stiff) w/ roots; burrows near top; slightly sandy mud bed @ 242 cm
PI-05b	0.00-1.80	fine to very fine sand; coarse sand beds @ 16-30, 58-62, 79-82, 100-110, 120-128 and 150-180 cm
	0.00-0.31	fine to med sand w/ many shell frags
	0.31-0.65	sandy mud; wood @ 57 cm
	0.65-0.72	fine to med sand w/ shell frags
	0.72-0.81	clay (stiff) w/ shell frags
	0.81-0.98	fine to med sand w/ shell frags
	0.98-1.08	sandy mud w/ shell frags
	0.00-0.38	fine to med sand w/ shell frags
	0.38-0.50	slightly muddy sand w/ many shell frags
PI-07	0.50-1.00	slightly muddy sand w/ few shell fragments; roots at 73, 83 and 98 cm
	1.00-1.27	med to coarse sand w/ shell frags; mud lenses @ 114 and 118 cm
	0.00-0.11	fine to coarse sand w/ many shell frags and pebbles
PI-08	0.11-0.27	slightly muddy fine to med sand w/ many shell frags
	0.28-0.92	slightly sandy mud w/ shell frags and burrows near top; wood near base
	0.93-1.01	slightly muddy sand
	0.00-0.20	fine sand w/ shell frags
PI-09	0.20-0.80	slightly muddy fine sand w/ shell frags; coarsening downward
	0.80-1.20	muddy med to coarse sand w/ shell frags
	1.20-2.02	fine to med sand w/ mud beds; few shell frags; coarsening downward

**Visual Core Descriptions For Vibracores Collected Seaward Of Pawleys Island**

Core ID	Depth (m)	Description
PI-10	0.00-0.21	very fine to fine sand w/ shell frags
	0.21-0.40	very fine to fine sand w/ many shell frags and pebbles
	0.40-0.68	slightly muddy very fine to fine sand w/ shell frags
	0.68-0.84	very fine to fine sand w/ shell frags
	0.84-0.95	muddy very fine to fine sand w/ shell frags
	0.95-1.28	clay (stiff)
	1.28-1.75	sandy mud w/ shell frags; coarsening downward
PI-11	1.75-1.93	slightly muddy sand w/ shell frags
	0.00-0.12	fine to med sand w/ shell frags
PI-12	0.12-0.49	sandy clay w/ burrows; shell frags @ top
	0.00-0.46	slightly muddy very fine to fine sand w/ shell frags; pebble @ top
PI-13	0.46-0.94	very fine to coarse sand w/ pebbles
	0.00-0.25	very fine to fine sand w/ many shell frags
	0.25-0.38	very fine to med sand w/ shell frags
	0.38-0.51	fine to med sand w/ clay beds; pebbles @ base
	0.51-1.07	mud w/ few shell frags and burrows
PI-14	1.07-1.15	very fine to med sand w/ few shell frags
	0.00-0.90	very fine to fine sand w/ many shell frags grading to frags; pebbles @ top shelly beds @ 31-33 and 63-67 cm
	0.90-1.10	bedded sand and mud
	1.10-1.25	fine to med sand w/ shell frags and pebbles
	1.25-1.50	bedded mud and fine sand w/ shell frags
PI-15	1.50-2.01	fine grading to coarse sand w/ mud beds; wood frags at 153 and 197 cm
	2.01-2.11	clay w/ shell frags
	0.00-0.17	muddy sand w/ many shell frags
	0.17-0.40	sandy mud w/ shell frags
	0.40-0.69	med sand w/ shell frags and clay lenses; pebbles at base
PI-16	0.69-0.76	coarse sandy mud w/ shell frags
	0.76-1.47	empty
	0.00-0.05	fine to coarse sand w/ many shell frags
	0.05-0.20	sandy mud w/ shell frags
	0.20-0.35	med to very coarse sand w/ many shell frags
PI-17	0.35-0.45	sandy mud w/ shell frags
	0.45-0.49	muddy sand w/ shell frag and pebble
	0.50-0.69	sandy mud w/ shell frags; beds of sand and mud
	0.69-1.53	med sand; clay lenses @ 80 and 141 cm; wood frag @ 98 cm
	0.00-0.05	fine sand w/ shell frags
	0.05-0.10	fine to coarse sand w/ shell frags and pebbles
	0.10-0.23	slightly sandy mud w/ many shell frags and pebbles
PI-18	0.24-0.49	sandy mud w/ many shell frags; wood frag @ 46 cm
	0.50-0.57	clay w/ sand beds
	0.57-1.79	med to coarse sand w/ shell frags; few mud lenses and granules near base

**Visual Core Descriptions For Vibracores Collected Seaward Of Pawleys Island**

Core ID	Depth (m)	Description
PI-18	0.00-0.05	fine sand w/ shell frags
	0.05-0.30	muddy sand w/ shell frags and pebbles
	0.30-0.90	fine sand w/ mud lenses near top; coarsening downward
	0.90-1.00	mud w/ burrows and woody organic
	1.00-1.24	slightly muddy fine sand; woody organic @ 113 cm
	1.24-1.34	sand w/ woody organic
PI-19	0.00-0.21	fine sand w/ shell frags and granules
	0.21-0.68	fine sand w/ shell frags grading to many shell frags
	0.68-1.20	slightly muddy fine sand w/ many shell frags
	1.20-1.35	muddy sand w/ shell frags
PI-20B	1.35-1.81	med to coarse sand w/ shell frags; pebbles and many shell frags near base
	0.00-0.30	fine to med sand w/ shell frags
	0.30-0.70	bedded muddy sands and sands w/ many shell frags
PI-21	0.70-1.60	fine to med sand w/ shell frags; clay lens @ base
	0.00-0.88	slightly muddy sand w/ many shell frags grading downward to shell frags
	0.88-1.00	med to coarse sand w/ shell frags and pebbles
PI-22	1.00-1.48	med to coarse sand w/ burrows
	1.48-1.63	med to coarse sand w/ shell frags
	0.00-0.14	med to very coarse sand w/ many shell frags
PI-23	0.14-0.20	very fine to fine sand w/ shell frags
	0.20-0.27	fine to med sand w/ shell frags and pebbles
	0.27-0.35	very fine to fine sand w/ shell frags
	0.35-0.48	med to very coarse sand w/ many shell frags and pebbles
	0.48-0.65	very fine to fine sand w/ shell frags
	0.65-0.95	sandy mud w/ many shell frags and pebbles
PI-25	0.95-1.11	med sand w/ few shell frags
	0.00-0.30	slightly muddy fine to med sand w/ many shell frags and pebbles
	0.30-0.48	sandy mud w/ many shell frags
	0.48-0.68	med to coarse sand w/ shell frags and mud lenses
	0.68-0.75	slightly muddy med to coarse sand w/ shell frags
	0.75-1.00	med to coarse sand w/ shell frags
PI-25	1.00-1.10	slightly muddy fine to med sand w/ shell lenses
	1.10-1.32	mud w/ fine sand lenses
	0.00-0.45	fine to med sand w/ many shell frags; med sand beds @ 5-15 and 24-33 cm
	0.45-0.77	coarse sand w/ many shell frags and pebbles
	0.77-1.42	very fine sand w/ many shell frags grading to shell frags
PI-25	1.42-1.51	very coarse sand w/ many shell frags and pebbles
	1.51-1.99	sand w/ shell frags

**Visual Core Descriptions For Vibracores Collected Seaward Of Pawleys Island**

Core ID	Depth (m)	Description
PI-26	0.00-0.52	med to coarse sand w/ many shell frags; beds of fine sand
	0.52-0.90	slightly muddy fine sand w/ many shell frags
	0.91-1.10	muddy coarse sand w/ many shell frags and a pebble
	1.11-1.99	slightly muddy fine to med sand w/ sandy mud and mud lenses @ 138-144 cm and more common near base
PI-27	0.00-0.12	med to very coarse sand w/ many shell frags
	0.12-0.53	very fine to fine sand w/ shell frags grading to hash
	0.53-0.61	muddy sand w/ shell frags
	0.61-0.98	med sand w/ shell frags and mud lenses; wood frags @ 82 and 94 cm
	0.98-1.04	sandy mud
	1.05-1.27	med sand
PI-28	0.00-0.10	med sand w/ shell frags and pebbles
	0.10-0.89	med to fine sand w/ shell frags
	0.89-1.00	coarse to very coarse sand w/ shell frags
	1.00-1.50	slightly muddy fine to very fine sand w/ shell frags
	1.50-1.73	slightly muddy fine to very fine sand w/ shell frags
PI-29	0.00-0.03	med coarse sand w/ shell frags & pebbles
	0.03-0.10	slightly muddy to muddy sand w/ shell frags
	0.10-0.85	slightly sandy mud w/ few shell frag
PI-30	0.00-0.15	fine sand w/ many shell frags
	0.16-0.28	fine to coarse sand w/ many shell frags and pebbles
	0.28-0.40	fine sand w/ many shell frags
	0.40-0.67	fine to med sand w/ many shell frags
	0.67-1.68	fine sand w/ shell frags; slightly coarser near base
	1.68-1.90	sandy mud w/ shell fargs
PI-31	0.00-0.53	sandy clay w/ shell frags; shelly beds w/ pebbles @ 20 and 30 cm; clay beds (stiff) @ 43-53; and wood @ 45 and 48 cm
	0.53-0.72	med to coarse sand w/ shell frags and clay lenses
	0.73-0.82	sandy clay w/ shell frags
	0.83-1.24	fine to med sand w/ clay beds and few shell frags; wood frag @ 82 cm; pebbles near base
	0.00-0.02	mud
PI-32	0.02-0.35	sandy mud w/ many shell frags grading to shell frags; wood frags @ 11 cm
	0.35-0.50	clay (stiff) w/ sand lenses
	0.50-0.90	fine to med grading downward to med sand w/ few shell frags; clay lenses near top
	0.90-1.21	clay (stiff)
	1.21-1.35	fine to med grading to coarse sand w/ shell frags; pebbles near base
PI-33	0.00-0.66	fine to med sand w/ shell frags; grading to fine to coarse downward
PI-34	0.00-0.18	med to coarse sand w/ shell frags
	0.18-0.32	muddy coarse sand w/ shell frags
	0.32-1.09	bedded med sand and muds; wood frag @ 52 cm

**Visual Core Descriptions For Vibracores Collected Seaward Of Pawleys Island**

Core ID	Depth (m)	Description
PI-35	0.00-0.02	slightly muddy fine to med sand w/ shell frags
	0.02-0.10	muddy coarse to very coarse sand w/ many shell frags
	0.10-0.22	coarse to very coarse sand w/ shell frags and pebbles
	0.22-0.36	bedded fine to med sand and clay
	0.36-0.60	med grading to coarse sand w/ shell frags; pebbles near base
	0.60-0.74	bedded coarse sand and mud
	0.74-0.90	med to very coarse sand w/ pebbles
	0.91-0.97	clay
	0.00-0.13	med to coarse sand w/ shell frags
PI-36	0.13-0.30	fine to very fine sand w/ shell frags
	0.30-0.38	slightly muddy very fine sand w/ shell frags
	0.38-1.20	med to coarse sand w/ burrows (more numerous @ base)
	1.20-1.71	med to very coarse sand w/ burrows and pebbles
PI-37	0.00-0.38	med grading downward to coarse sand w/ shell frags
	0.38-0.45	slightly muddy sand
	0.46-1.05	med to coarse sand; few shell frags and wood near base
	1.05-1.32	fine to med sand w/ clay lenses
	1.32-1.58	clay w/ sand lenses
	1.58-1.77	fine grading downward to med sand
	0.00-0.08	slightly muddy fine to coarse sand w/ many shell frags and pebbles
PI-38	0.08-0.62	muddy fine sand w/ many shell frags
	0.63-0.90	sandy mud w/ shell frags
	0.90-1.00	bedded muddy sand and sandy mud
	1.00-1.40	med sand
	1.40-1.66	bedded sandy mud and med sand
	1.66-1.82	mud w/ burrows
	0.00-0.27	fine sand w/ shell frags
PI-39	0.27-0.63	slightly muddy sand w/ shell frags
	0.64-1.33	mud (stiff) w/ burrows; wood frag near base
	1.33-1.44	med sand w/ shell frags
	1.44-1.55	very fine sand w/ shell frags and pebbles
	1.55-2.21	med to coarse sand w/ shell frags
PI-40	0.00-0.29	slightly muddy sand w/ shell frags
	0.29-0.38	slightly sandy mud w/ shell frag & pebbles
	0.38-0.65	mud; sand lens @ 58cm
	0.66-1.15	beded mud & med sand w/ shell frags
	1.15-1.66	mud w/ few sand lenses and burrows; plant roots near base

**Visual Core Descriptions For Vibracores Collected Seaward Of Pawleys Island**

Core ID	Depth (m)	Description
PI-41	0.00-0.05	fine to coarse sand w/ many shell frags
	0.05-0.12	muddy fine to med sand w/ few shell frags
	0.12-0.20	clay w/ burrows and few shell frags
	0.20-0.60	sand w/ clay lenses and few shell frags; wood frag @ 35 cm;
	0.60-1.97	clay w/ sand lenses and few shell frags; wood frag @ 118 and 125 cm
	1.97-2.00	fine to med sand
PI-42	0.00-0.05	fine to med sand w/ shell frags
	0.06-0.12	sandy mud w/ shell frags
	0.12-0.35	muddy sand w/ many shell frags
	0.35-0.60	med to coarse sand
	0.60-0.80	bedded med sand and sandy mud w/ few shell frags; wood frag @ 78 cm
	0.80-1.05	med to coarse sand
PI-43	0.00-0.05	fine to med w/ shell frags
	0.05-0.20	slightly muddy fine to coarse sand w/ shell frags
	0.20-0.53	very fine to med sand w/ shell frags grading to many shell frags; wood frag @ 36cm
	0.53-0.75	bedded fine to med sand and sandy clay w/ pebbles
	0.75-1.08	med sand becoming coarse @ base, w/ shell frags & sm pebbles
	1.08-1.16	med to coarse sand w/ shell frags
PI-44	1.16-1.49	empty
	0.00-0.18	fine to med sand w/ many shell frags
	0.18-0.36	coarse sand w/ shell frags and pebbles
	0.36-0.55	fine to med grading to coarse sand w/ shell frags
	0.56-0.90	fine grading to coarse sand w/ shell frags
	0.90-1.00	slightly muddy coarse sand
PI-45	1.00-1.18	coarse to granule sand w/ shell frags and pebbles
	1.18-1.92	bedded fine sand and mud and clay w/ shell frags
	1.92-2.07	slightly muddy med sand w/ few shell frags
	0.00-0.45	slightly muddy fine sand w/ many shell frags grading to frags
	0.46-0.65	med sand w/ many shell frags
	0.65-1.33	med sand w/ burrows; many shell frags near top
PI-46	0.00-0.42	fine sand w/ many shell frags; shelly bed at 25-30 and 36-42 cm
	0.43-0.96	slightly muddy fine sand w/ shell frags grading to many shell frags
PI-48	0.00-1.10	fine grading to coarse sand w/ many shell frags
	1.10-1.58	slightly muddy fine to med sand w/ many shell frags
	1.58-1.67	mud w/ shell frags and pebbles